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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	638	Press ~~Mis.~~
34.		
Dated	1-4-	18 62.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
1st April 1862.*

No. 3. Read the following letter from Lieutenant-Colonel J. OUCHTERLONY, Acting Deputy Chief Engineer, Southern Circle, to Lieutenant-Colonel W. H. HORSLEY, Secretary to Government, Public Works Department, dated Chepauk, 11th March 1862, No. 204/Gm. 41:—

SIR,

1 Letter from Collector of Ganjam,
No. 59, dated 30th March 1861.
1 Do. Enclosure No. 358, dated 10th
February 1861.
1 Estimate Rs. 7,820.
1 Report.
5 Plans.

1. I have the honor to submit herewith for the consideration of Government, an estimate accompanied by the necessary plans, &c., amounting to Rupees 7,820 for constructing a new Head Sluice and for excavating a new head to the Jeyamungalum Channel in the District of Ganjam.

2. The necessity for these works, a necessity which the authorities of the Province and all who have for many years past been connected with its administration, concur in representing as urgent, arises out of circumstances which may be briefly described.

3. The channel in question takes off from a stream called the "Godhalo Nullah" near a place called Injelly, and irrigates a tract of rich land parallel to the course of the Rooshkoolia river, producing or influencing a revenue estimated at not less than Rupees 40,000.

4. Notwithstanding however the consequent great importance of this channel it has been left hitherto to take its supply by an open head or cut, unassisted by any work by which its stream could be regulated; and the consequence has been that the river floods, often in very extensive volume, passing unchecked up the canal, commit periodically extensive ravages; causing breaches in its banks through which the fields are inundated and the surface of the cultivated land covered with sand. The effect of these inroads upon the channel is to produce a detrimental scour in some parts, while in others its bed becomes choked with sand; and the entire work becomes more and more unmanageable as seasons ensue.

5. The remedy is naturally easy. By cutting an entirely new head to the channel, carrying it higher up the parent stream than the point of inlet of the existing opening (which by the undue action described above has become widened beyond all proper proportion) and constructing a set of sluices across its mouth, means will be furnished for regulating the supply under all conditions of the river. The existing head will of course be cut off from the river by a bund or dam.

6. The saving which must be effected by this work in avoiding the necessity for extensive bank repairs and for remission of assessment through destruction of crops, will in all probability very shortly repay the entire cost of the proposed works.

Enclosure.

Enclosure.

7. The plans and estimates have been checked in this Office, and it will be observed by Captain Philipps' letter, No. 358, that the Collector fully approves of the project; his opinion thereon having also been strongly expressed in a former communication, No. 59 of 30th March 1861, in which reference is also made to the probabilities of a successful extension of the Jeyamungalum Channel after means for regulating its supply shall have been established.

8. So confident indeed does the Collector appear to be in the soundness of the project, that in April last the District Engineer, at Mr. Forbes' urgent request, commenced collecting materials for the Head Sluice, and expended Rupees 1,525 out of the general funds of the District for the purpose.

Rupees 1,525

Rupees 4,000

9. The Acting District Engineer now asks for Rupees 4,000 out of the 4 lacs, or 1 per cent. Income Tax fund for immediate expenditure, the above mentioned outlay being at the same time sanctioned; and a further sum to cover the balance, viz., Rupees 2,295, being allotted out of the General Reserve Fund for expenditure in 1862-63, an arrangement which I hope will meet with the early approval of Government.

Rupees 2,295

Rupees 7,820

*in the Ganjam District
affecting*

*Proceedings of the Madras Government, Public Works Department,
1st April 1862.*

No. 4. ORDER THEREON, 1st April 1862, No. 638.

1. The estimates submitted with the above letter, amounting to Rupees 7,820, being for the better regulation of the irrigation under an important channel in the Ganjam District affecting a Revenue of Rupees 40,000, is sanctioned.

2. The Government, however, are not satisfied with the District Engineer's investigation of the more enlarged project of the canal from the Rooshkoolia alluded to in his letter, as though the Daracotta Zamindar may object to a canal passing through his lands, while not allowed to participate in its benefits, it does not follow that he would do so, were he permitted to draw water therefrom.

3. With respect to the drainage the Governor in Council observes that it cannot be more difficult to provide for its discharge in the case of the canal than it has been in that of the road with which it runs parallel. He therefore directs that the project may be properly investigated, and especially with reference to the more extended area which its greater command of level will bring under the influence of irrigation. The expenditure incurred in the preparation of materials prior to the sanction of the work was irregular and beyond the power of the Collector to authorize.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

Public Works Dept.

No 638.

*Proceedings of the Madras Government
Under date 16th April 1862.*

*Read the following letter from the Deputy
Chief Engineer Northern
Circle.*

*Submits for sanction
and estimate amounting
to Rupees 7820 for con-
ducting a new Head Sluice
for excavating a new
to the Jorungulum
and in the District of
Ganjam.*

*The Estimate
submitted with the above
letter, amounting to
Rupees 7820, being for
the better regulation of
the Irrigation under
an important channel
in the Ganjam District
affecting*

MR

MR

affecting a Revenue of
Rupees 40,000 is sanctioned.

The Government,
however, are not satisfied
with the ^{Dist. Engineer's} investigation of
the more enlarged pro-
-ject of the Canal from
the Pooshkoolia alluded
to in his letter, as though
the Paracotta Zemindar
may object to a Canal
passing through his lands,
while not allowed to par-
-ticipate in its benefits,
it does not follow that
he would do so, were he
permitted to draw water therefrom.

With respect
to the drainage the
Governor in Council observes
that it cannot be more
difficult to provide for
its

discharge in the case of
the Canal than it has
been in that of the
Road with which it
runs parallel. He
therefore directs that
the project may be
properly investigated,
and especially with
reference to the more
extended area which
its greater command
of level will bring under
the influence of irrigation.
The expenditure incurred
in the preparation of
materials prior to the
sanction of the work
was irregular and beyond
the power of the Collector
to authorize.

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Ed. 7. 8. 7. 7.

Regarding a new head
 sluic for Jayamungalum
 channel in Panjam.

Enclie No 212 1862 Dep't
 Proj of Govt for official

12-638.

Proj of the sluic for

Dated 1st April 1862.

From Mr. J. B. D. D. D. D. D.
 Mr. J. B. D. D. D. D. D.
 in 1862.

Some time ago we
 have been thinking of
 head of sluic and for
 (some time) we have
 Jayamungalum Channel
 in the Govt of Panjam

12-638-4.

c 20 March 1824