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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1333

Press
Mis.

179-680

Dated

9-8-52

1866.

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
9th May 1864.*

No. 179. Read the following letter from Colonel A. J. M. BOILEAU, R. E., Superintending Engineer, 4th Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Madras, 13th April 1864, No. 6,253:—

SIR,

- 1 Abstract Estimate.
- 1 Letter No. 442, dated 30th March 1864.
- 1 Survey.
- 1 Section of main Channel.
- 1 Do of Cheyar river.
- 1 Register of flow of water over Anicut.
- 1 Statement of floods in the Cheyar river.
- 5 Plans of masonry works.

1. Consequent upon the great accumulations of silt that have collected in front of the Cheyar Anicut, much of the river water that used to find its way down the main Channel now passes over the Anicut.

2. Experience also has shown that the capacity of the main Channel should be increased with a view to its taking in more of the flood-waters which ordinarily do little more than fill the Mookoor tank (*vide* accompanying survey sketch) eight miles east of Anicut.

3. It has, therefore, long been in contemplation to raise the Anicut and enlarge the channels, and for these objects I have now the honor to enclose Estimates amounting to Rupees 29,700.

4. It is intended to give an additional height of 2 feet to the Anicut, and to enlarge the Channel as far as the Mookoor tank from 35 feet at head to 65 feet (adding three to the four vents already existing in the head Sluice) and lower down to give it a uniform width of 30 feet.

5. The Assistant Engineer calculates that on the completion of the widening, as now proposed, 3,92,000 cubic yards per hour will be thrown down the Channel in lieu of only 2,24,000 cubic yards as at present.

6. Unlike the Palar, the Cheyar is a river which is frequently in flood, as will be seen by the accompanying flood registers, and in recommending further outlay on this project one has confidence that channel work done will not for ever remain mere dry excavations, but will be useful productive works.

7. The details of the project are so fully entered into by the Assistant Engineer that it seems unnecessary for me to do more than add that the works now proposed have the Collector's full approval; and I beg to recommend that sanction be granted for them out of the Reserve Fund for 1864-65.

No. 180. ORDER THEREON, 9th May 1864, No. 1,333.

1. With the foregoing letter, the Superintending Engineer of the 4th Division submits an Estimate, amounting to Rupees 29,700, for improving and extending the system of irrigation from the Cheyar Anicut in the North Arcot District.

2. The Estimate provides for raising the Anicut 2 feet, enlarging the head sluice and the other masonry works, and widening the main Channel as far as the village of Mookoor, a distance of eight miles.

3. The details are as follows:—

				Rs.
Raising the Anicut...	...	...	...	570
Enlarging head Sluice	...	...	...	2,500
Do. two Aqueducts	...	...	...	475
Do. three road Tunnels...	...	...	...	1,980
Altering seven Sluices	...	...	...	169
Widening the Channel	...	...	...	22,604
Sundries...	...	...	...	1,402
			Total...	29,700

as follows:—

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9th May 1864.

4. The Governor in Council sanctions this Estimate, and allots a sum of Rupees 10,000 from the Reserve* to allow of the masonry works being at once proceeded with. A further grant will, if possible, be made hereafter.

(True Extract.)

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

To the Superintending Engineer, 4th Division, with twelve enclosures.

„ Accountant General.

„ Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

No. 1333

P. M. D.

Proceedings of the Madras Government
Under date the 9th May 1864

From the Sup^r Engineer to Gov^t.
Submits Plans and Estimates
- Estimates Rs. 29,700 for raising the
Cheyar Annicut and widening
its main and other channels and
recommends that sanction be
given for execution of the works
from the Reserve fund of 1864/65.

Read the following letter
Writes the foregoing
letter, the Superintending
Engineer of the 4th Division
submits ~~an~~ Estimate
amounting altogether to
Rs. 29,700. for improving
& extending the system
of irrigation from the
Cheyar annicut in the
North Arcot District.

The estimates provided
for raising the annicut
2 feet, enlarging the
head sluice & the other
masonry works, and
widening the main
channel as far as the
village of Modkooz, a
distance of 8 miles.

The details are
as follows: —

I have no objection to this
but looking to the fact that
it is but seldom that the
water even now rises
high enough to flow over
the annicut, we ought to
know whether there is
likely to be water enough
to provide for the existing
irrigation, & whether the
enlarged channel may
not carry off water from
the channels already
made. *MD*

Raising the ancient. Rs. 570
 Enlarging head sluice - 2,500
 Enlarging 2 apeducts - 475
 & 3 road tunnels - 1,980
 Raising apeduct to
 Altering 7 sluices - 169
 Widening the channel - 22,604
 Sundries - — 1,402

 29,700.

The Governor in
 Council sanctions
 this estimate. Of
 which, an allotment
 will be made for the
 purpose from the
 Reserve Fund for
 1864-65, but the
 Sup. Engineer is
 directed to make a
 special application for
 funds after the 1st
 provision. —

and allow a sum of Rs 10,000
 from the Reserve Bank of
 the masonry works being a
 once proceeded with. It
 further grant will, if possible
 be made hereafter.

* Under "Agricultural"

To the Sup. Govt 4 bin with
 Ackd Pad
 Conty. &

W.B.

W.B.

33

27 1855. 2 days
No. of hours for the

1855.
No. of the year
279 days

1855.
No. of the year
279 days

20469 1/2

Estimate of 1855.
for improving and extend-
ing the system of irrigation
from the Cheyenne River
in the N. West District.
Estimated.

No. 179. 1855.