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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. <u>3143</u>	Press.
B.P. No.	Mis.
Dated <u>5. 6 - 1877</u>	<u>1877</u>

Not to be folded or roughly handled

V. S. M.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

21st May 1877, No. 31 I.

Irrigation.

Read the following papers :—

No. 60. From W. A. GOODCHAP, Esq., District Engineer, Kurnool, to the Chief Engineer for Irrigation, dated Kurnool, 21st April 1877, No. 26.

With reference to paragraph 2 of G.O., No. 939, of the 17th March, Financial Department, I have the honor to report that it is possible to provide for irrigation under Cumbum tank, without creating again the old swamp nuisance, as the Cuthwa channel may be supplied with water from the Pedda Cumbum channel from some point soon after the latter leaves the town. The most convenient point would be that where the new Nackalgundy or Town channel falls into the Pedda Cumbum channel as shown in the sketch enclosed. The distance from this point to the new head of the Cuthwa channel is $1\frac{1}{4}$ miles and the total fall 25 feet or 20 feet a mile.

2. A new head to the Cuthwa channel can be obtained, but the cost will be as much as that of the proposed scouring sluices, as the subjoined statement will show :—

				RS.
Amount of estimate for scouring sluices	...	...	...	19,570

Other works necessary on providing the Cuthwa channel with a new head :—

	rs.
Increase cost of Masonry channel (Pedda Cumbum) through the town about	2,600
Earthwork of new channel	6,000
Masonry drops	2,500
Bridge across the Gundlacammah in lieu of scouring sluices	8,000
Compensation of land	900
Total	20,000

3. I beg to observe that the large quantity of water that flowed through the breach, made in the Seekrail anicut embankment last year, was in a great measure due to the Cumbum tank sluices not being properly regulated, which necessitated its being closed. This of course will shortly be rectified, as it is proposed to regulate the sluice by screw gearing, and for which estimates and plans have been submitted on the 15th March 1877.*

* Letter No. 19.

* Letter No. 19.

No. 22 I.

No. 60-A. *Note by the Chief Engineer for Irrigation.*

THE feasibility of supplying the Cuthwa channel from the Pedda Cumbun channel is shown by the levels. It is not however clear why the supply for the former should be carried in a southerly instead of an easterly direction,* seeing that the general direction of the Cuthwa channel is north of east and probably it is not necessary to carry the principal part of the

* *Vide* dotted line C.C.

supply southwards in order to irrigate the strip of land between the channel and the river near the head of the former. Such land could be supplied partly from the Mariapadu and partly from the Pedda Cumbum channel by carrying the distributaries of these across the abandoned part of the Cuthwa channel.

FORT ST. GEORGE, (Signed) JOHN MULLINS, Lieut.-Col., R.E.,
14th May 1877. Chief Engineer for Irrigation.

To the Joint Secretary to Government, P. W. D., Irrigation Branch.

No. 61. ORDER THEREON, 21st May 1877, No. 31 I.

THE Cuthwa channel should be supplied from the Pedda Cumbum channel, the connection being made on the best line available.

(True Extract)

John Mullins

Lieut.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

To the District Engineer, Kurnool.
" Chief Engineer for Irrigation.
" Revenue Department.
" Financial "

Exd. T. O'Connor.

20 Spare Copies

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Revenue Department

No 2753

IRRIGATION

Govt. of 1877 Madras.

PUBLIC WORKS.

THE DISTRICT ENGINEER,

KURNOOL.

&c. &c. &c.

Dated May 21st.

Issued

Recd. 4th June 1877

Encl.

G. O., 21st May 1877, No. 31 I.

MAY.

Nos. 60-61.

N. 3143.

Comm. to the

Board of Revenue

5th June 77

Pedda Gundam Channel, Kurnool District.
—The Cuthwa channel ordered to be supplied from the —, the connection being made on the best line available.

14 To the High Revenue 2-6-77.