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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue

DEPARTMENT

G.O. No.	<i>6418</i>	Press.
B.P. No.		Mis.
Dated	<i>27. 11. 1877</i>	197 .

Not to be folded or roughly handled.

GOVERNMENT MADRAS.
PUBLIC WORKS DEPARTMENT.

17th November No. 498 I.

Read the following paper:— *Agreement*

No. 54. From Major J. BEATTY, R.E., Officiating Superintending Engineer, Godavery District, to the Chief Engineer for Irrigation, dated Camp at Dowlaishweram, 24th October 1877, No. 2,887.

I HAVE the honor to submit herewith an estimate for the channel required under No. 2 sluice, Samulcottah canal, together with a report by Assistant Engineer Mr. deWinton.

- 1 Survey.
- 1 Longitudinal Section.
- 1 Cross Section.
- 1 Sketch.
- 1 Estimate.
- 1 Statement.
- 1 Report, dated 31st August 1877.

of the Samulcottah canal between the 9th

3. At present there is great waste of the discharge by the old sluices and spo of Anapurty which will be put a stop to water now wasted will then be available lower down the Samulcottah canal.

4. The usual statement showing distribution arrangements accompanies 4 feet in width to each of the new chann

2. This channel is needed for the supply of water to 1,300 acres of land which now get their supply by means of old masonry sluices and three yra spouts situated in the right bank miles.

as there is no means of regulating here is much flooding in the village new channel comes into use. The efficient navigation and irrigation

tions already granted for improved e. The additional cost of adding a Rupees 110.

From W. B. DEWINTON, Esq., Assistant Engineer in charge, Esq., 31st August 1877, No. 1,971.

I HAVE the honor to forward herewith

- 1 Survey.
- 1 Longitudinal Section.
- 1 Cross Sections.
- 1 Sketch.
- 1 Estimate.

four of which are too high for cultivation

Lieutenant C. C. RAWSON, R.E., sion, Godavery, dated Dowlaishweram,

tions for No. 2 channel, Samulcottah transmission to the Superintending and to report as follows on the line the necessity for the channel.

he accompanying sketch shows the ad extent of the land to be irrigated annel. With the exception of 15 acres, ler are now sown with gingelly and

WORKS DEPARTMENT

NOVEMBER 1877

as soon as the late present moment, the Samulcottah canal by means of which the latter is 12½ miles.

The old sluices are all without they choose, and great waste of water eventually finds its way to the sea, is not so much wasted as transferred to the sea, as mentioned before, is just what the Government want, and that a needless quantity of water is always complaining of the large area of the drainage for the enlargement of the drainage which the drainage finds its way into.

4. No. 2 sluice is already constructed with a head of 6 inches, and the excavation under cultivation, will prevent all use.

5. I have made the channel a canal, there seems to be no other mode of proof of this, I may mention that, in Nos. 3, 4 and 5, all of which diverge from the canal bank has still to be irrigated.

6. I have allowed for a rough Dinarapoodi and Anaparty puntas.

ground; the whole of cultivation, the water in old masonry sluices at blocked up, and by

of any kind, and this is the natural result, although, as the Cocanada canal below Thossipoodi lock, the one canal to the other. This, however, as I cannot afford, its supply being already drawn from it is, I think, proved by the fact of the 1,300 acres under this part of the canal) inage water on their lands, and petitioning the Thossipoodi north side channel, by means of canal.

vent area of 7½ square feet and an ordinary although it will bring no additional area of water.

el because, as the ground falls direct from the g the area at present under cultivation. As the three channels already partially excavated, from the canal, the land between them and the latter.

near the end of the channel, and for bridges at

No. 235 L.

No. 54-A.

Note by the Chief Engineer for Irrigation.

The estimate for cutting a side channel from sluice No. 2 at 9½ miles on the Samulcottah canal to the channel of sluice No. 3, is recommended for sanction against the lump sum provision of Rupees 15,200 for earthworks of Distributaries of this canal.

2. There is no spare head available for increasing the depth of water in this channel, and consequently it will be necessary to make the width sufficient by Bazin's formula, which is more applicable to small channels. The amount to be sanctioned may therefore be taken as 2,020, but the width to be added to each part should be adjusted to the class.

3. The following is the class

GODAVY

EAST

S.

(3.) Distributaries

Name of work

Amount

To be carried out by the Ex.

FORT ST. GEORGE, 12th November 1877. (Sd.)

To the Joint Secretary to Government

No. 55.

ORDER THE

THE estimate of Rupees 15,200 for the Samulcottah canal, is sanctioned for that canal.

A SYSTEM.

SECTION.

canal.

Extraordinary.

g No. 2 channel.

pees 2,020.

r. Eastern Delta Division.

GOMERIE, Major, R.E.,

Dy. Chief Engr. for Irrigation,

or Chief Engineer for Irrigation.

Department, Irrigation Branch.

1877, No. 498 L.

ing a channel from No. 2 sluice, in provision for Distributaries of

WORKS DEPARTMENT, 17

action has been registered

(Tru)

Major, R.E.,

Under Secy. to Govt., P.W.D.,

Irrigation Branch.

To the Superintending Engineer, Godavery.
" Collector of Godavery.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

Exd. E. C. Shunker.

Spare Copies

Dept. of 118.

PUBLIC V

THE SUPERINTENDING ENGINEER,
GODAVERY,
&c, &c, &c.

Dr. H. H.
Dated November 17th.

Isent

Recd. *26* *dw* Encl.

G. O., 17th November 1877, No. 498 L.

NOVEMBER

Nos. 54-55.

unnel from No. 2 sluice, Samulcott
Godavery District.—Sanctions
of Rupees 2,020 for constructing a

Mr. G. H. H.
Com. M. to the
Board of Revenue
has to