Archives I 10,006—16-8 77.

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(2) Date of repair 26.6.78

(3) Initials of the Referencer Lens

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No. / B.P. No. 1372	Press. / Mis.
Dated 3-6-1878	197 .

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

13th May 1878, No. 401 I.

Irrigation.
Account.

Read the following papers:—

No. 57. From Colonel A. S. MOBERLY, R.E., District Engineer, Cuddapah, to the Chief Engineer for Irrigation, dated Cuddapah, 5th March 1878, No. 3,169.

I HAVE the honor to submit for approval and sanction two plans for weir and sluice, a specification report, revenue account, sections, and abstract estimate, amounting to Rupees 1,620, for restoring the Veerapully Balireddy tank (that is repairing the bund and constructing new escape and sluice) in Royachoty Taluq, and to inform that the necessity of the work is fully explained in the report and in the accompanying copy of letter No. 721, of 2 instant, from the Collector.

Copy of a letter from the Acting Collector of C lapah, to the District Engineer, Cuddapah, dated 2nd March 78, No. 721.

As from the report which accompanied your l er, No. 3,027, date 19th ultimo, it appears that the thorough repair of the Veerapully Balire y tank will not only ring about a remunerative increase of cultivation under the work itsel but will also relieve the Veerapully Reddy Chervoo tank a portion of the supply of water in hich is at present devoted to the cultivation of such part of the ayacut of the Balireddy tan e is under wet crops, I have the honor to return with my countersignature the estimate wi accompanied your letter under reply.

No. 1 I.

No. 57-A. *Note by the Chief En eer for Irrigation.*

THE District Engineer, Cuddapah, for rds, with his letter marginally noted, estimate in connection with the Veera- lly Balireddy tank which is the situated in the Royachoty Taluq, de 78° 56′ 0″.

No. 3,169, dated 5th March 1878.

terminal tank of the Balireddy group a Madanapully Range, latitude 14° 8′ 30″, lon

2. The nature of the work proposed execution and the heads of account to which it is chargeable are as follow:—

ORDINARY (t ULTURAL.

IRR / b

Orig ly ε rks.
ppr

| | | |

	Rs.
Raising and repairing the bund, closing breaches, and repacking the revetment	770
Total ...	1,620

3. The following particulars of the tank are recorded:—

Ayacut area	Acres	28	Circar 22, Inam 6
Assessment	Rupees	115	Circar 102, Inam 13
Average revenue	„	73	Circar 65, Inam 8
Highest do.	„	115	Circar 102, Inam 13
Expenditure during the previous four years			None.
Average cultivation per square mile of catchment basin ...			Acres 5·9

The area of the catchment basin is 3 square miles, the maximum flood supply is calculated at 912 cubic feet per second, for discharging which as surplus there is a rough-stone escape at the north end of the bund 53 feet in length, and as this is insufficient to discharge the surplus, it is proposed to construct a masonry weir to replace the escape, and to lower the ground, which is chiefly composed of boulders and decayed rock, to crest level for a length of 40 feet, in order that the whole length of the proposed outlet, viz., 53 + 40 = 93 feet may be made available for the relief of the tank.

The tank under review has been breached a considerable number of years, and the ayacut under it irrigated by the Veerapully Pedda Chervoo, in doing which the latter tank has deprived its own ayacut of its full supply, and consequently a portion of the land lies waste.

The Veerapully Balireddy tank is terminal of a group of three tanks and discharges into the Manudevia river b e village of Veerapully. One of the two high-lying tanks is in good order stated to be provided with sufficient surplus works, but the other is in a ruin dition.

The estimate provides for—

1*stly*.—Raising and repairing d, closing the breaches, removing and repacking the revetm y with old and partly with new stones with gravel backing thick.

2*ndly*.—Constructing a mason 53 feet in length and lowering the adjoining ground co of boulders and decayed rock to crest level of weir for a len 0 feet,

3*rdly*.—Constructing a masonry n sluice to replace a ruined sluice.

The cost of the proposed improvet this tank are more than twenty times the average revenue, and upwards of es of dry cultivation, the assessment of which is, however, under 4 Rupees, oed of the tank will be abolished when the improvements have been fully car

It is expected that 89 acres o will be irrigated by the tank, which, at 4·107 Rupees the average assessmen present ayacut, will yield a revenue of Rupees 365 or, say, 360 Rupees ele aking into account the relinquishment of the revenue from the dry cultivation ank bed, so that if these anticipations be fulfilled a good return from the outla be expected.

The circumstances have been gone into, and it will be seen that the Collector has, after consideration of t oved of the estimate,

A sketch map of the group ough e been submitted.

The following statement shows posed distribution of the outlay recom mended for sanction to the debit of t al heads of account involved:—

Head of Service.— RRIGATION.

Fund.—ORDINARY RICULTURAL.

Name of System or Group.	Distinguishing Number or Letter of Group.	Name of Tank or Channel.	Description of Work.	Main Head.	Class.	Amount of each Item.	Amount to be separately accounted for.
						Rs.	Rs.
Veerapully Balireddy tank Group.		Veerapully Balireddy Tank.	Reconstructing and extending the weir.	Irrigation.	Original Works.	169	850
			Reconstructing irrigation sluice.		Do. ..	227	
			New stone revetment ..		Do. ..	454	
			Repairing bund, closing breaches, and repacking revetment.		Repairs ..	770	770

OOTACAMUND, 6th May 1878.

(Signed) JOHN MULLINS, Lt.-Col., R.E., Chief Engineer for Irrigation.

To the Joint Secretary to Government, Public Works Department, Irrigation Branch.

No. 58. ORDER THEREON, 13th May 1878, No. 401 I.

THE following estimate from the Madnapally Range forwarded by the District Engineer, Cuddapah, is sanctioned:—

HEAD OF SERVI		RRIGATION.
Veerapully Balire		*nk Group.*
Veerapully Bal		*Tank.*
		Rs.
Reconstructing and extending the weir	ginal Works	169
Reconstructing irrigation sluice—Orig	Works	227
New stone revetment—Original Worl	... ...	454
Repairing bund, closing breaches, and	ing revetment—Repairs.	770
	Total ...	1,620

To be carried out by the Public Works Depar leer in charge Madanapully Range.

2. These sanctions have been regis No. 54 I of 1878-79.

(True t.)

(Signe JOHN MULLINS, Lt.-Col., R.E., Joint Secy. to Govt., P.W.D., Irrigation Branch.

(Tru)

Major, R.E., Under Secy. to Govt., P.W.D., Irrigation Branch.

To the District Engineer, Cuddapah.
„ Collector of Cuddapah.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.
„ Revenue Department.

Exd. T. D. Ryan.

Spare Copies

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IRRIGATION
ACCOUNT.

Govt. of [1878] Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
CUDDAPAH,
&c., &c., &c.

Dated 20th Feb. 1878.

Received

Rec. 27th June

G. O. No. 1311 Rev. 20th Feb. No. 401 I.

MAY.

Nos. 57-58.

Communicated to
the Board of Revenue
with
Govt. letter
dated 27th June
1878
No. 1071

Verapully Railroady Work, Cuddapah District.—Estimates for the restoration of the — sanctioned.