New No. Sectt. I (i)-1—Old No. M.R.O. 1—10,006—10-6-68.

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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No. 1424 Press
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Dated 20.6.1876 196

Not to be folded or roughly handled

Dk.

Proceedings of the Madras Government, Public Works Department, 7th June 1876.

1424
1

Read the following:—

No. 58 W.

No. 136. *Note by the Chief Engineer for Irrigation.*

No. 10, dated 30th March 1876. THE following estimates from the Kurnool and Cumbum ranges are forwarded by the District Engineer, Kurnool, with his letter marginally noted:—

Taluq.	Village.	Work.	Amount.
			RS.
Nundicotcoor	...	Dumaguttah V Tank	1,670
Markapur	...	Gobbore V Tank	140

2. The financial and hydraulic details of the Irrigation Works concerned are exhibited in the following statement:—

I.—Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Average Revenue for 5 years.	Highest Revenue for 5 years.	During the previous 4 years.	OUTLAY. PROPOSED. Capital.	Revenue.	Average annual proportion of charges to Revenue.
	ACRES.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Dumaguttah Tank	38	Not given.	337	370	150	465	1,205	108
Gobbore Tank	43	459	195	344	377	...	140	53

II.—Hydraulic Details.

Name of Work.	Catchment Basin Area.	Maximum Supply. Catchment per Second.	Maximum Supply. Channels per Second.	Length of Escape. Total.	Length of Escape. Effective.	Average Height of Bund. Above F.T.L.	Average Height of Bund. Above M.T.L.	Surplus discharged at M.T.L. per Sec.	Tanks above.
	SQ. M.	C. FT.	C. FT.	FEET.	FEET.	FEET.	FEET.	C. FEET.	No.
Dumaguttah Tank ...	6	2,227	...	Not stated.	Not stated.	4·5	2·5	0 0	Not stated.
Gobbore Tank ...	3	1,170	...	W. 150 / E. 70	220	4·5	2·5	1868·9	
				E. 124	124	6 0	4·0	785·5	1
				E. 124	124	6 0	4·0	785·5	

NOTE.—The proposed dimensions of escapes and heights of bund are printed in large type. The existing dimensions in small type. The following abbreviations are used:—C.—Calingulah with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank. V.—Village. S—Revenue Survey.

3. The following is a summary of the work proposed to be carried out in each case :—

Dumaguttah Tank.—Raising, repairing, and lengthening the bund, repairing the sluice, constructing a masonry weir, widening the existing natural escape, and constructing an irrigation sluice in lieu of the old one worn out.

Gobbore Tank.—Repairing the bund and sluice.

4. It is stated that the proposed alterations to the Dumaguttah tank will result in large increase of revenue. The reasons for forming this anticipation should have been more fully detailed. The amount of increased storage capacity given to the tank by the extension of the bund should have been approximately stated as well as the authority on which it is taken for granted that there is additional land fit for irrigation and that it will be taken up

The catchment basin is certainly of considerable size and can supply a very much larger area, so that the view taken by the officers concerned is probably correct. It would have been better had some demonstration been volunteered. The estimates are recommended for sanction.

5. The following statement shows the proposed distribution of the outlay recommended for sanction, to the debit of the several heads of account involved :—

Name of Tank.	Items of Estimate.	FUND. Capital, Ordinary.	Revenue. Extensions and Improvements.	Revenue. Repairs.	Total for each Tank, &c.
	Kurnool Range.				
Dumaguttah Tank ...	Repairing the bund and sluice	...	...	905	1,670
	Constructing a masonry weir	465	...	...	
	Widening the existing natural escape ...	...	20	...	
	Reconstructing an irrigation sluice ...	...	...	280	
	Cumbum Range.				
Gobbore Tank ...	Repairing the bund and sluice	...	...	140	140

(Signed) A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for *Chief Engineer for Irrigation.*

To the Secretary to Government, Public Works Department.

No. 137. ORDER THEREON, 7th June 1876, No. 1,427.

IRRIGATION, No. 11.

Account.

No. 58 W., dated 31st May 1876.

THE following estimates for Irrigation Works in the Kurnool and Cumbum Ranges, Kurnool District, forwarded by the Chief Engineer for Irrigation with his memorandum marginally noted, are sanctioned.

Name of Work.	Item of Estimate.	Fund.	Amount.	Irrigation Registry No.
	Kurnool Range.			
Dumaguttah Tank ...	Repairing the bund and sluice ...	Revenue—I.B. Maintenance and Repairs.	905	44 I 1
	Constructing a masonry weir ...	Capital, Ordinary ...	465	44 I 2
	Widening the existing natural escape.	Revenue—I.B. Extensions and Improvements.	20	44 I 3 } 44 L.
	Reconstructing an irrigation sluice ...	Revenue—I.B. Maintenance and Repairs.	280	44 I 4
	Cumbum Range.			
Gobbore Tank ...	Repairing the bund and slui[illegible]	Revenue—I.B. Maintenance and Repairs.	140	45 I.

2. These sanctions are registered a[illegible]n above.

(True Extract.)

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

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

Exd. E. C. Shunker.

14 Spare Copies Sent to Engineer's Office

No. 2478.
Revenue 1876 Depart.

Govt. of Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
KURNOOL,
&c., &c., &c.

Dated June 7th.

Issued

Recd. 19 June 76. Encl.

G. O., 7th June 1876, No. 1,427.

JUNE.
Nos. 136-137.

Tank, Kurnool District.—Estimates for the repair of certain —, sanctioned.

No 1424
Communicated to the Collector
Recd.
20 June 1876

1876

New No. Sectt. I (i)-1—Old No. M.R.O. 1—10,006—10-6-68.

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