(1) Number of pages 4.

(2) Date of repair 4. 5. 82.

(3) Initials of the Referencer

# TAMIL NADU ARCHIVES

## GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

| G.O. No. / B.P. No. | 5800. | Press. / Mis. |
|---|---|---|
| Dated | 26. 9. 1877 197 . | |

*Not to be folded or roughly handled.*

Archives I—10,006—19-4-79.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

12th September 1877, No. 316 I.

Irrigation.

Account.

Read the following paper :—

No. 164 I.

No. 71. *Note by the Chief Engineer for Irrigation.*

No. 60, dated 4th July 1877.

The following estimates from the Nandigama Range are forwarded by the Superintending Engineer, Kistna, with his letter marginally noted :—

| Taluq. | Village. | Work. | Amount. |
|---|---|---|---|
| | | | RS. |
| Nandigama ... ... | Kunchacacherla ... ... ... | V. tank ... ... ... | 466 |
| Bezwada ... ... | Kondoor ... ... ... | V. „ ... ... ... | 115 |
| | | Total ... | 581 |

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 five Years. | Highest Revenue for five Years. | OUTLAY. | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | During the previous four Years. | Proposed. Ordinary Agricultural, Irrigation. | | |
| | | | | | | Original Works. | Repairs. | Average Annual Proportion of Charges to Revenue. |
| | ACRES. | RS. | RS. | RS. | RS. | RS. | RS. | PER CENT. RS. |
| Kunchacacherla tank ... ... | 139 | 513 | 506 | Not stated | 860 | ... | 466 | 52·4 |
| Kondoor tank ... ... ... | 62 | 223 | 166 | 223 | 115 | ... | 115 | 27·7 |
| Total ... | 201 | 736 | 672 | ... | 975 | ... | 581 | 46·3 |

*II.—Hy[illegible]c 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 Second. | Tanks above. |
|---|---|---|---|---|---|---|---|---|---|
| | Sq. M. | C. Ft. | C. Ft. | Ft. | Ft. | Ft. | Ft. | C. Ft. | No. |
| Kunchacacherla tank .. | 0·208 | 197·4 | .. | E 360 | 360 | 4·47 | 1·47 | 4,142·1 | Not stated. |
| Kondoor tank .. .. | 0·050 | 54·3 | .. | E 100 | 100 | 8·50 | 1·00 | 783·8 | Do. |
| | | | | E 100 | 100 | 5·00 | 3·00 | | |

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.—Calidgulah with dam stones. W.—Weir with overfall. E.—Escape at ground level. B.—Bund of tank. V.—Village.

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

*Kunchacacherla Tank.*—The bund of this tank is in a very bad state, and in some places the water is likely to overflow it.

In the year 1872 a portion of the bund was washed away by sudden floods and heavy rains, and for restoring the same an outlay of Rupees 360 was incurred.

The estimate provides for raising and repairing the bund, repacking a part of the revetment; also repairing the banks of the supply channel and clearing silt from its bed.

In the report the existing means of disposing of surplus are entered as "nil," but this is supposed to be a mistake, as the "length proposed in addition" is also entered as "nil," and there is no provision for any escape in the estimate, whilst it is stated there will be a natural escape 360 feet long.

The estimate is recommended for sanction. It is supposed that the tank is isolated, though this has not been explicitly stated. The work has been put in hand in anticipation of sanction.

*Kondoor Tank.*—The bund of this tank and the sluice are in very bad state; an outlay of Rupees 115 was expended during the year 1874-75 for repairing the breach, &c.

The estimate provides for raising and repairing the bund; also repairing the irrigation sluice.

It is recommended for sanction,

It is noticed that there will be a "natural escape 100 feet long" 5 feet below the top of the bund and 2 feet below M.W.L., the "nil" entries in the report as to the existing means of surplusing are probably wrong as in the case of the tank just noticed.

FORT ST. GEORGE,
3rd September 1877.

(Signed) G. T. WALCH,
Ag. Dy. Chief Engr. for Irrigation,
*for* Chief Engr. for Irrigation.

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

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No. 72. ORDER THEREON, 12th September 1877, No. 316 I.

No. 164 I, dated 3rd September 1877.

THE following estimates for Irrigation works in the Nandigama Range, Kistna District, forwarded by the Chief Engineer for Irrigation with his memorandum marginally noted are sanctioned:—



*Irrigation.*

| Name of Tank. | Provision of Estimate. | Fund, Ordinary Agricultural, Main Head Irrigation. | Amount. | Irrigation Register No. |
|---|---|---|---|---|
| | | CLASS. | RS. | |
| Kunchacacherla tank. | Repairing tank and channe banks and clearing silt from the latter. | Repairs ... ... | 466 | 173 I. |
| Kondoor tank ... | Repairing bund and sluice .. | Do. ... ... | 115 | 174 I. |

2. These sanctions are registered as shown above.

(True Extract.)

Colonel, R.E.,
Joint Secy. to Govt., P.W.D.,
Irrigation Branch.

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

Exd. E. C. Shunker.
4 Spare Copies.

Revenue Department

No 4155

IRRIGATION ACCOUNTS.

Govt. of Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,

KISTNA,

&c., &c., &c.

Dated September 1878.

Issued

Rec.d 25 September Encl.

G. O., 12th September No. 316 I.

SEPTEMBER.

Nos. 71-72.

No 5800

Commr Northern Circars

Board of Revenue

26 Sept/78

Kandhaucherla and Kondoor Tanks, Kistna District.—Sanctions estimates of Rs. [illegible] for repairs to the —

No 4155 of Revenue 27-9-78