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## MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

*Revenue* DEPARTMENT

|          |          |       |
|----------|----------|-------|
| G.O. No. | 1027     | Press |
| B.P. No. |          | Mis.  |
| Dated    | 2-5-1876 | 196   |

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

Read the following:—

No. 26 W.

No. 108. *Note by the Chief Engineer for Irrigation.*

THE following estimates from the No. 2 Range are forwarded by the Superintendent Engineer, Chingleput, with his letter No. 4,417, dated 5th February 1876. marginally noted:—

| Taluq.       | Village. | Work.                     | Amount. |
|--------------|----------|---------------------------|---------|
| Madurantacum | ...      | Pachembakam Tank          | RS. 670 |
| Chingleput   | ...      | Puttecadoo Colathary Tank | 114     |

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. | Expenditure during previous 4 years. | AMOUNT OF ESTIMATE. |          |         |
|---------------------------|--------------|-------------|------------------------------|------------------------------|--------------------------------------|---------------------|----------|---------|
|                           |              |             |                              |                              |                                      | Capital.            | Revenue. | Total.  |
| Pachembakam Tank          | ACRES. 55    | RS. 177     | RS. 238                      | RS. 308                      | RS. 150                              | RS. ...             | RS. 670  | RS. 670 |
| Puttecadoo Colathary Tank | 22           | 52          | 10                           | 19                           | ...                                  | ...                 | 114      | 114     |

*II.—Hydraulic Details.*

| Name of Work.             | Catchment Basin Area. | MAXIMUM SUPPLY.       |                      | LENGTH OF ESCAPE. |            | AVERAGE HEIGHT OF BUND. |                | Surplus discharged at M. T. L. per Sec. | Tanks above. |
|---------------------------|-----------------------|-----------------------|----------------------|-------------------|------------|-------------------------|----------------|-----------------------------------------|--------------|
|                           |                       | Catchment per Second. | Channels per Second. | Total.            | Effective. | Above F. T. L.          | Above M. T. L. |                                         |              |
| Pachembakam Tank          | SQ. M. 75             | C. FT. 464            | C. FT. ...           | FT. 17            | 17         | FT. 3                   | 15             | 70                                      | ...          |
| Puttecadoo Colathary Tank | 25                    | 323                   | ...                  | 56                | 156        | 3                       | 15             | 481.4                                   | ...          |
|                           |                       |                       |                      | 10                | 10         | 3.33                    | 1.33           | 63.3                                    | ...          |
|                           |                       |                       |                      | 19                | 19         | 4.00                    | 2.00           | 120.3                                   | ...          |

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.—Culingulah with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank.

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

*Pachembakam Tank.*—This tank is situated in the catchment basin of the Kulcolum tank, it has no permanent escape, the surplus is discharged through small cuts in the bund, the aggregate length of which is 17 feet. The estimate provides for extending the escape to a length of 156 feet inclusive of the openings, turfing, grass planting, and sectioning the bund, repairing the sluice, and relaying the pot pipe in a bed of concrete.

*Puttecadoo Colathary Tank.*—This tank was breached in 1874, it has no permanent escape, but surpluses through a 10 feet cut in the bund. The estimate provides for constructing a rough stone escape, and raising and sectioning the bund.

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

4. The Puttecadoo Colathary tank escape should be 30 feet long.  
5. The following statement shows the proposed distribution of the outlay recommended for sanction to the debit of the several Agricultural heads of account involved:—

| Name of Tank.              | Items of Estimate.                                                                                  | HEADS OF ACCOUNT.     |          |          |                                |
|----------------------------|-----------------------------------------------------------------------------------------------------|-----------------------|----------|----------|--------------------------------|
|                            |                                                                                                     | Capital,<br>Ordinary. | REVENUE. | Repairs. | Total for<br>each Tank,<br>Rs. |
| Pachiembakam Tank          | Sectioning and turling the bund, repairing the sluice, and relaying the pot pipe in a concrete bed. | Rs. ...               | Rs. ...  | Rs. 654  | Rs. ...                        |
| Do.                        | Extending the existing escape and planting grass.                                                   | ...                   | 15       | ...      | 670                            |
| Puttecadoo Colathary Tank. | Raising and sectioning the bund                                                                     | ...                   | ...      | 100      | ...                            |
| Do.                        | Constructing a rough stone escape                                                                   | ...                   | 14       | ...      | 114                            |

FORT ST. GEORGE,  
31st March 1876.

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

To the Secretary to Government, Public Works Department.

No. 109.

ORDER THEREON 7th April 1876, No. 910.

IRRIGATION, No. 6.  
Account.  
No. 26 W., dated 31st March 1876.

The following estimates for Irrigation Works in the No. 3 Range, Chingleput District, forwarded by the Chief Engineer for Irrigation with his Memorandum marginally noted, are sanctioned:—

| Name of Work.              | Provision of Estimate.                                                                              | Fund.                                | Amount. | Irrigation Register No. |
|----------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------|---------|-------------------------|
| Pachiembakam Tank          | Sectioning and turling the bund, repairing the sluice, and relaying the pot pipe in a concrete bed. | Revenue Repairs                      | Rs. 654 | No. 2 I. of 1876-77.    |
| Puttecadoo Colathary Tank. | Extending the existing escape and planting grass.                                                   | Revenue Extensions and Improvements. | 25      |                         |
|                            | Raising and sectioning the bund.                                                                    | Revenue Repairs                      | 100     | No. 3 I. of do.         |
|                            | Constructing a rough stone escape.                                                                  | Revenue Extensions and Improvements. | 14      |                         |

2. These sanctions are registered as shown above.

(True Extract.)

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

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

Exd. T. O'Connor.  
Spare Copies

*No 1718*  
Revenue 1876 Departs  
Govt. of 1876 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,  
CHINGLEPUT.  
&c., &c., &c.

Dated April 7th.

Forwarded

Recd. 29 of

Encl.

G. O., 7th April 1876, No. 319.

APRIL

Nos. 108-109

*Dis. Mts.*

Pachumbalam and Pattinam Colathary  
To the Chingleput District. Estimates for  
repairing the — sanctioned.

*No 1027*  
Accumulated to be  
A. P. of Rev.

*22 May 1876*

Dated

196

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