

(1) Number of pages\_\_\_\_\_

(2) Date of repair\_\_\_\_\_

(3) Initials of the Referencer\_\_\_\_\_

# MADRAS RECORD OFFICE

Government of Madras

*Public Works* DEPARTMENT

|          |               |                 |       |
|----------|---------------|-----------------|-------|
| G.O. No. | 532           | (9)             | Press |
| B.P. No. |               |                 | -Mis- |
| Dated    | 24 - 2 - 1875 | <del>1874</del> | 195.  |

Not to be folded or roughly handled

Read the following papers:—

No. 588. From Colonel A. S. MOBERLY, R.E., District Engineer, Cuddapah, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Cuddapah, 5th January 1875, No. 1,879.

With reference to the instructions contained in your memorandum, No. 585-E., dated 15th August 1874, I have the honor to submit a revised estimate amounting to Rupees 775 together with a list, specification report, and a cross section for repairing the Kalamullah Tank in the Proddatore Taluq.

2. The information required in paragraphs 1, 2, 3 and 4 is furnished in the estimate and in its accompaniments, and I trust that the same may meet with your approval and that sanction may be accorded as early as possible. You will observe that the estimate has been reduced from Rupees 920 to 775 as directed.

3. I take this opportunity to forward for approval and sanction an estimate, plan, and specification amounting to Rupees 795, for constructing a waste weir to the above tank. As the highest registered rainfall in 24 hours is only 6.20", I think by allowing for 8 inches over the drainage area of  $2\frac{1}{4}$  square miles, an escape of 50 feet will be found sufficient. In other respects the estimate and its accompaniments provide all the necessary information.

No. 127-A.

No. 589. *Note by the Chief Engineer for Irrigation.*

The following estimates have been submitted by the District Engineer, Cuddapah:—

|                                        | Rs.        |
|----------------------------------------|------------|
| Repairing the Kalamullah Tank ... ..   | 775        |
| Constructing a new Surplus Weir ... .. | 795        |
| The Revenue particulars are—           |            |
| Ayacut area... ..                      | Acres 22   |
| Ayacut assessment ... ..               | Rupees 385 |
| Average revenue ... ..                 | ,, 241     |

The date and cost of last repairs are stated to be unknown.

The bund breached last year, *i.e.*, apparently in 1873, owing to its being much out of repair. The estimate as first submitted was returned for revision and completion, and it has now been proposed to abandon the existing rough stone escape, and to provide altogether for the disposal of surplus by a new weir. The catchment basin is  $2\frac{1}{4}$  square miles. Whether this arrangement is really necessary or not has not been explained, and it is more than doubtful whether it is really

requisite to do more than lengthen the old escape of 52 to 90 feet,\* with which length of weir and the bund in good order the tank will be safe. If a masonry weir be needed in supersession of, or in addition to, the present escape, the width of the first apron should be 10 feet to the edge of the outer retaining wall, and the latter should be supported, as also the wing returns, by the rest of the stone disposed as an outer apron; the wings should be at least a foot higher at the line of top of bund.

\* C taken at 500 in the formula, as the rainfall is reported to be moderate.

Proceedings of the Madras Government, Public Works Department,  
24th February 1875.

2. The repair estimate may be sanctioned finally, and the surplus weir conditionally and to the extent necessary to give 90 feet of serviceable escape altogether. If the full length has to be built in masonry the cost will not exceed Rupees 650. The outlay will be chargeable to Capital.

FORT ST. GEORGE, (Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,  
29th January 1875. Chief Engineer for Irrigation.

No. 590. ORDER THEREON, 24th February 1875, No. 532.

IRRIGATION, No. 50.

THE estimate of Rupees 775 for the repair of the Kalamullah Tank in the Cuddapah District is sanctioned, and such part of that for rendering the means of disposing of surplus adequate as may be necessary with reference to the remarks in the foregoing Note.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Cuddapah.  
,, Chief Engineer for Irrigation.  
,, Controller of Public Works Accounts.

No. 127 A.

10

Note by the Chief Engineer for Irrigation.

S. H. No. 1879 of 1874-75. Cuddapah District Engineer.

Office dated 5th January 1875.

From

The District Engineer  
Cuddapah.

S.

The Chief Engineer  
for Irrigation.  
Madras

Sir.

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With reference to the instructions contained in your memorandum No. 585 E dated 15th August 1874, I have the honor to submit a revised estimate amounting to Rs 775 together with a list, specification, report and a cross section for repairing the

and give the estimate

the Kalamala Tank in the Pudukottai  
Taluk

The information required in paras  
1, 2, 3 & 4 is furnished in the Estimate  
& its accompaniments and  
I trust that the same may meet  
with your approval & that sanction  
may be accorded as early as possible.  
You will observe that the Estimate  
has been reduced from Rs 920 to  
775 as directed.

I take this opportunity  
to forward for approval & sanction  
an Estimate, plan, & specification  
amounting to Rs 775 for constructing

2

a waste weir to the above tank.  
As the highest registered rainfall <sup>50</sup>  
in 24 hours is only 6.20", I think  
by allowing for 8 miles over the  
drainage area of  $2\frac{1}{4}$  sq miles, an  
escape of 50 feet will be found  
sufficient. In other respects the  
Estimate & its accompaniments  
provide all the necessary information.

I have the honor to be

Sir

Your most obedient  
P. M. S. of C. E.  
District Engineer of Madras.

1875  
474-5

25 Feb 1875

From the District Engineer,  
Cuddalore.  
To the Chief Engineer,  
for the Irrigation Branch.

Dated 5th Jan 1875  
Received by the District Engineer,  
Cuddalore, for the purpose of  
examining the estimate  
of the cost of repairing the  
bund & constructing  
new & more of the  
canal at the  
proposed above place  
P. 1912 765/15

Note by the Chief Engineer for Irrigation.

Enclosures.

The following estimates have been submitted by the District Engineer, Cuddalore.

Repairing the Kalamullah Tank R.R. 775  
Constructing a new surplus weir. — 775.

The Revenue particulars are

Ayacut area — Acres 22  
" — " — " — Papes 385  
Average revenue — " — 241

The date and cost of last repairs are stated to be unknown.

The bund breached last year, i.e. apparently in 1873, owing to its being much out of repair. The estimate first submitted was returned for revision and completion, and it has now been proposed to abandon the existing rough stone escape, and to provide altogether for the disposal of surplus by a new weir. The catchment basin is  $2\frac{1}{4}$  square miles.

miles. Whether this arrangement is really necessary or not has not been explained, and it is more than doubtful whether it is really requisite to do more than lengthen the old escape of 52 to 90 feet, with which length of weir and the bund in good order the tank will be safer.

If a masonry weir be needed in super-  
-cession of, or in addition to, the present escape, the width of the first apron should be 10 feet to the edge of the outer retaining wall, and the latter should be supported, as also the wing returns, by the rest of the stone disposed as an outer apron; the wings should be at least a foot higher at the line of top of bund.

2 The repair estimate may be sanctioned finally, and the surplus weir conditionally and to the extent necessary to give 90 feet of serviceable escape altogether. If the full length has to be built in masonry the cost will not

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not exceed Rupees 650. The outlay will be chargeable to Capital.

Fort St. George  
27 January 1875

Colonel L. L. L.  
Chief Engineer for Irrigation.

To The Secretary to Government  
P. W. D.

To The

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1894-5  
474-53

Dec 25-0-75-

S.H.C. 110

Proceedings of the Madras Government  
Read the following:-

From

The Chief Engineer  
for Irrigation } (H.E. No. 127 A of 29<sup>th</sup> Jan'y/75.)

532

The estimate of Rupees  
775 for the repair of the  
Kalamullah tank in the  
Cuddapah District is  
sanctioned, and such part  
of that for rendering the  
means of disposing of sur-  
plus adequate, as may be  
necessary with reference to  
the remarks in the foregoing  
note.

by 2/2/75

G.H.W.

To:-  
The District Engineer Cuddapah  
Chief Engineer for Irrigation  
Controller of P.W. accounts

Recd 25-2-75

No. 4.2.75

13588

Recommend to the sanc-  
tion of Government for con-  
struction of Kalamullah R.  
the Kalamullah R.  
Tank in Cuddapah

1-8-75  
19-10-75

Order 24 of 1895  
24th 1895  
24th 1895

The Chief Engineer for Irrigation  
to the Secretary to Govt.  
P.W.D.

P.O. No. 1875  
H.E. No. 127 A  
No. 765

(2)

765

Gobt. of Madras.

PUBLIC WORKS.

To

The Dist. Engr.  
Cuddalore

Dated

Recd.

Encl. /

G. O. 24 Feb. 1875, No. 532

Nos. 588-590.

Kalamullah Tank  
Cuddalore District

The Estimate of Rs.  
775 for the repair  
of the tank saved  
with remarks -