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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. No. 3160

G.O. No.	685	Press
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129-40		
Dated	19-5-55	1860.

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*Proceedings of the Madras Government, Public Works Department,
for the month of March 1860.*

No. 139. Read the following letter from Colonel J. H. BELL, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated 24th February 1860, No. 10,627:—

I have the honor to forward for the sanction of Government, on Estimate amounting to Rupees 34,000 for repairing the Chota Orampad Tank in the Chitwél taluq of the Cuddapah District, which was breached in November last, when the fall of rain was heavier than any that is known to have occurred for seventy years, and to report on what is contained in my letter of the 13th December 1859, No. 8270.

1 Letter from District Engineer, Cuddapah, No. 1016, dated 11th January 1860, with 1 enclosure.
1 Letter from do. No. 1065, dated 31st January 1860.
1 Abstract Estimate.

2. It appears that a depth of 3 feet of water flowed over the bund, or about 10 feet over, the Kalingal. The length of the principal bund is 135 yards, and in it there is a hole 10 yards deep formed by the torrent.

3. It is now proposed to close the breach and raise and strengthen the bank, and also to extend the Kalingal 40 yards to guard against future danger.

4. The rates of earth work allowed in the Estimate appear high, but as they include tamping and as the demand for labor in the North-west Railway, which runs through the taluq, must be great, I do not doubt their being necessary as the earth has to be carried 200 yards. The rates of stone work are moderate.

5. The highest revenue is Rupees 7,136-9-11 besides a considerable extent of main land.

6. The Estimate framed by Mr. George, Acting 1st Assistant District Engineer, has been revised after personal inspection by Captain Hemery.

7. The cause of the destruction of so large a part of this fine tank is shown in paragraphs 4—10 of the District Engineer's letter of the 31st January 1860 to have been the bad condition of the Dasabandam tank of Jillalamadaka, which was not only generally dilapidated, but without any Kalingal but a bank partly faced with stone, which was of course unable to bear any considerable overflow of water.

8. The Tank is separated from the Government Tank of Korlakunta by a low bank which is topped when the Tanks are full, and they then become one capacious reservoir. Both were surveyed in June 1859 by Mr. George, who then informed the Deputy Collector and the Tahsildar that a Kalingal was absolutely required to the Jillalamadaka Tank, and offered to mark out the work as soon as the Dasabandamdars were prepared to commence it. Nothing, however, was done, and the result was the breach in the Chinna Orampad Tank, the repair of which will cost nearly five times the annual revenue.

9. There is no doubt that great losses have been sustained at other times by the neglect of private Tanks lying above those of Government, particularly in Cuddapah, where there is usually a long chain of tanks beginning with one at the head of a gorge with a high bund, which from its great liability to accident endangers all the works below it. In the present case I suppose that responsibility cannot be fixt upon the Dasabandamdars, for I am not aware of any law to which they are amenable; but it appears highly necessary that the interests of Government should be protected from the consequences of similar neglect and bad management for the future. The Daswandam tenure has, I believe, been condemned as extremely injurious to the efficiency of the works of irrigation, and if it could be legally cancelled where it still exists there would seem to be good reason for the measure.

10. The District Engineer, it will be seen, does not intend to undertake the execution of the Estimate for the Orampad Tank until the Jillalamadaka Tank is completely repaired on the Estimate framed by him. I therefore, recommend the Estimate for the Chinna Orampad Tank, (which is approved by the Collector's countersignature), subject to the said condition. Should the Dasabandamdars not repair their Tank properly it will be necessary to take other measures.

Proceedings of the Madras Government, Public Works Department,
for the month of March 1860.

No. 140. ORDER THEREON, 19th March 1860, No. 585.

1. The Chief Engineer submits an Estimate amounting to Rupees 34,000 for repairing the Chota Orampad tank in the Chitwél taluq of the Cuddapah District which was breached in November 1859.

2. Before passing orders on this letter, the Government resolve to forward Colonel Bell's letter to the Board of Revenue for report with reference to the remarks made by that Officer concerning the Dasabandam tank of Jillalamadaka, the bad condition of which is stated to have been the cause of the destruction of the Tank now in question, as also that it may be ascertained whether the Dasabandamdárs are willing and able to execute the necessary repairs to their Tank according to the Estimate framed by the District Engineer.

(Signed) J. D. BOURDILLON,
Secretary to Government.

Central Office of P.W.D.
Sd/- K. R. S. S.
24 February 1860.

N^o 10627

From
The Chief Engineer

To
The Secretary
to Government P.W.D.

Irrigation. Sir,

I have the honor to forward for the

Encls. 4.
1 letter from Dist. Eng.
Kasapa N^o 1076 dated
11th Jan^y 1860 with
1 Enclosure.
1 letter from do N^o 1065
dated 31st Jan^y 1860
1 Abstract Estimate
4

sanction of Government an Estimate amounting to
Rupees 34,000 for repairing the Chota Orampad
Tank in the Chitwél Taluq of the Cuddapah
District, which was breached in November last.

Cuddapah when the fall of rain was heavier than any that
is known to have occurred for seventy years
and to report on which is contained in my letter
of the 13th December 1859 N^o 8270.

2. It appears that a depth of 3 feet of water
flowed

flowed over the bund, or about 10 feet over the Kalingal. The length of the principal bund is 135 yards and in it there is a hole 10 yards deep formed by the torrent.

3. It is now proposed to close the breach and raise and strengthen the bank, and also to extend the Kalingal 40 yards to guard against future danger.

4. The rates of earth work allowed in the Estimate appear high, but as they include tamping and as the demand for labor in the North West Railway which runs through the Caling must be great I do not doubt their being necessary as the earth has to be carried 200 yards. The rates of stone work are moderate.

5. The highest revenue is Rs 7136-9-11 besides a considerable extent of main land.

6. The Estimate framed by Mr. George

3.
Acting 1st Assistant District Engineer has been revised after personal inspection by Captain Hemery.

7. The cause of the destruction of so large part of this fine tank is shown in paras 4. & 10 of the District Engineer's letter of the 31st January 1860 to have been the bad condition of the Dapswanda Tank of Jilalamadaka, which was not only generally dilapidated but without any Calingulak but a bank partly faced with stone, which was of course unable to bear any considerable overflow of water.

8. The tank is separated from the Government Tank of Horlatunka by a low bank which is topped when the tanks are full, and they then become one capacious reservoir: Both were surveyed in June 1859 by Mr. George, who then informed

informed the Deputy Collector and the Eahsildan that a Calingula was absolutely required to the Jallamasaoka Tank, and offered to mark out the work as soon as the Daswandamdar were prepared to commence it. Nothing however was done, and the result was the breach in the China Orampad Tank, the repair of which will cost nearly five times the annual revenue.

9. There is no doubt that great losses have been sustained at other times by the neglect of private tanks by in some those of Government, particularly in Cuddapah where there is usually a long chain of Tanks beginning with one at the head of a gorge with a high bund, which from its great liability to accident endangers all the works below it. In the present case I suppose that responsibility cannot be put upon the Daswandamdars, for I am not aware of any law to which they are amenable, but
Daswandamdars

5.
it appears highly necessary that the interests of Government should be protected from the consequences of similar neglect and bad management for the future. The Daswandam tenure has, I believe, been condemned as extremely injurious to the efficiency of the works of irrigation, and if it could be legally cancelled where it still exists there would seem to be good reason for the measure.

10. The District Engineer, it will be seen, does not intend to undertake the execution of the Estimate for the Orampad Tank until the Jallamasaoka Tank is completely repaired on the Estimate framed by him. I therefore recommend the Estimate for the China Orampad Tank (which is approved by the Collector's countersignature) subject to the said condition. Should the Daswandamdars not repair their Tank properly it will be

necessary

necessary to take other measures. —

Central Office of P.W.
Séhat Nam
24th February 1860.

I have the honor to be,

Sir,

Your most obedient servant

L. L. ^{Lieut. Col.}
deputy Ch. Insp. Central Office.

R. W. Colwell
Chief Engineer

W. L.

Revenue Irrigation. (New Work)
 Abstract of Estimate No. of 185 / 5
 District Radapia
 Talook Chattervel Village Chota Orampaud.
 Work Repairing Large Tank.

Quantities.	Description of Work.	Rate.		Amount.		Amount of each part.
		No.	A. P.	Rupess.	Rupess.	Rupess.
C. Vards.						
13357	Earth work to Band — 2 ft	2		1669		
111204	Do Filling Breach — 3 ft	3		26176		28145
2940	New Stone Facing to Breach 2 ft	6		1103		
1067	Do — Do — to Band 2 ft	4		267		
1120	Do Replacing Stone — 3 ft	3		210		
254	Stone in mud pointed with Chunan — 2 ft	2		514		
1716	New Stone to Apron — 3 ft	3		322		
108	Repacking apron — 2 ft	2		13		
108	Burned Stone pointed with Chunan — 1 ft	1		108		2537
192	Earth for Clearing away wing wall — 1 ft	1		12		
1440	Earth for Backing 6 ft — 1 ft	1	6	135		147
149	Burned Stone pointed with Chunan — 2 ft	2		298		
Grand Total				298		30827

P.M. No. 31 Dec 1857
 No 5960.

So ordered 1860 by the
 Chief Engineer.

(No. 518)

Chief Engineer

Co. The Engineer
 to Orampaud (1857)

Order 2479
 Revenue 2479
 No. 10029

Enc. 4 Dec. 24th 1857

No. 139.

25th March 1857

Chief Engineer
 Estimate amounting to Rs. 3000
 for repairing the stone structure
 in the old tank of the
 Orampaud village to be executed
 in the year from the 1st of
 April 1857.
 No. 585. 19: 10th March

Enclosure

In a letter

From
The Chief Engineer
G.D.W.

To
The Secretary to Govt.
G.D.W.

000518/60

Dated 24th February 1860
Received.

V^o 10629

Abstract Estimate for re-
pairing the Chota Crampad
Tank in the Chittoel Taluk in the
District of Madras.

Amounting to Rs 31,000.

No 585. Public Works Dept.
Proceedings of the Madras Government
Under date the 19th March/60.

Read the following letter
from the Chief Engineer.

Forwards for sanction
an estimate amounting to Rs 31,000 for repairing the Chota Crampad Tank in the Chittoel Taluk of the Cuddapah District to be executed in two years from the repair funds of the District (Here enter 24th Feb 1860 No 585)

[Handwritten signature and notes in margin]

[Handwritten notes in margin]

1 The Chief Eng.
Submits an estimate
amounting to Rs 31,000
for repairing the Chota
Crampad Tank in the
Chittoel Taluk of the
Cuddapah District
which was breached in
November 1859.

2 Before passing
orders on this letter, the
Govt resolve to forward
Cal

Col Bell's letter to the
Board of Revenue for
repat with reference to
the remarks made by
that Officer concerning
the Dasa bandam tanks
of Jallalamadaka,
the bad condition of which
is stated to have been
the cause of the destruc-
tion of the tank now
in question.

that it may be
ascertained whether
the Dasawundam Darg
are willing & able to
execute the necessary
repairs to the
tank according to
the estimate furnished
to the District
Engineer
J.P.

11 Copies. Board of Revenue
10 - Chief Engineer
1 - District Engineer
1 - J.P.

Op. No. 31 - Rev. 59
No 59-60:

Public Works 1860 Sept 17.
No. of Good 20th March.

No 585.

Do. of the black and white
of 19th March 1860.

Do. of the 23rd of March 1860
Do. of the 23rd of March 1860.

On the 23rd of March 1860
the 23rd of March 1860
the 23rd of March 1860
the 23rd of March 1860.

No 39 & 40.

St. Mark 1860