M.R.O. 1—77,006—8-6-37.

(1) Number of pages 1 & 10

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1557		Press / Mis.
639-640.		
Dated	30-8-	1864.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
30th May 1864.

No. 639. Read the following letter from Lieutenant-Colonel O. W. S. CHAMBERS, R. E., Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Waltair, 11th May 1864, No. 113 :—

SIR,

1 Plan.
1 Estimate.
1 Report.

1. I do myself the honor of sending up for the sanction of Government from the Reserve, the accompanying Estimate amounting to Rupees 1,020 for putting the Poodybunda tank of the village of Cottapolarum in the Survasiddy Táluq of the Vizagapatam District in good order.

2. The items of the Estimate are—

Rupees 186 for earthwork.
„ 144 for a Sluice.
„ 690 for a Calingulah.

3. The acreage under the tank is at present only 84 acres, but when the tank has been improved, it is believed that fresh land under it will gradually come into cultivation.

4. The project has been approved of by the Collector.

No. 640. ORDER THEREON, 30th May 1864, No. 1,557.

1. The Government sanction the Estimate of Rupees 1,020, submitted with this letter, for constructing a Calingulah and Sluice to and strengthening the bund of the Poodybunda tank, in the Survasiddy Táluq, Vizagapatam District.

2. The cost of the work will be met from the Reserve for 1864-65 under "Agricultural."

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 1st Division, with Specification Report.
„ Controller and Auditor of Public Works Accounts.
„ Accountant General.

Exd. S. T. Augustin.

Earth work	12	6	3	1	216			
Masonry	28	1	6	2	168			

Agricultural

Detailed Estimate No 5 of 1863/64

Revised Estimate for Bund Taking Summary

Village Colla Purlaveram

Work Constructing a Calingulah and Sluice to Poondy Bund

Tank and Straightening it's Bund

Ap 5 of 1863-64

Particulars of work	Measurements				Contents
	Length	Breadth	Depth or height	Number	Contents
	2	3	4	5	6
	ft. in.	ft. in.	ft. in.		ft. in.
Calingulah					
Foundation to Bund	30 —	4 — 6	4 —	1	540 —
Do to Wing wall No 1	31 —	4 — 6	4 —	2	1836 —
do to Retaining wall	39 — 6	2 — 3	4 —	1	355 — 6
Floor	35 —	10 —	2 —	1	700 —
Calingulah above	30 —	3 — 6	6 —	1	630 —
Wing walls No 1	19 — 6	3 —	10 —	2	1170 —
Do do	19 —	2 — 9	7 —	2	731 — 6
Do do	10 —	3 —	8 — 6	2	570 —
Piers of Tumbogy	2 —	4 —	6 —	2	96 —
					0569
Deduct for Tumbogy					63
Foundation in Chunam &c &c					0506
Body	23 —	—	15 —	1	345 —
Wing walls	24 6	—	13 — 6	2	661 — 6
Do do	24 — 6	—	10 —	2	490 —
Do do	12 —	—	12 —	2	288 —
Do do	—	—	—	—	—
Piers of Tumbogy	8 —	—	8 —	2	128 —
Floor	36 —	12 —	—	1	432
Do	4 —	3 —	—	1	12
Masonry in Chunam upon floor					2350
Floor	41 —	12 —	2 —	1	1464
Loose stone work for floor &c &c					1404
Coursing stones	4 —	41 —	— 6	4	
Grouted do	1 —	— 6	6 —	2	
Country wood plants for shelter	6 —	— 10	2	4	3 — 4
Sluice					
Foundation of Sluice	28 —	5 —	2 —	1	280 —
Do of front & rear wing walls	12 —	2 — 6	3 —	2	180 —
Do of Apron	12 —	6 —	3 —	1	216 —
Side walls Sluice	28 —	1 6	2 —	2	168 —

Front and rear wing walls	11	"	2	3	2	132
Pyal alone	11	"	3	3	1	99
Do	11	"	3	2	1	66
Parapet walls	10	"	1	6	2	60
Filling on coming Stones	29	3	"	6	1	42
Deduction						1243
Rough stones in Chunam left out						20
						1223
Side walls	38	"	"	2	2	152
Pyal	14	"	"	9	1	126
Wing walls	16	"	"	5	2	176
Parapet walls	11	"	"	5	2	110
Cills	38	1	"	"	1	38
Plastering over Chunam 4 ges deep						602
Earth work to the South bund	1/20	1/20	1/20	1/20		1/20
Strengthening and raising from the South bund	80	"	4	"	2	640
Do do	20	"	6	"	2	300
Do do	20	"	6	3	1	360
Do do	15	"	6	3	1	270
Do do	36	"	4	1	8	1216
Do do	36	"	6	3	1	648
Do do	10	"	8	5	1	400
Do do	80	"	3	1	1	240
Do do	60	"	4	2	1	480
Total Earth Cubic Yds						3554

Abstract of Estimate

Quantities	Description of Works	Rate	Amount	Number of each sort
1	2	3	4	5
	Cubic Yards			
6506	or 240 25/27 Cubic Yds of Rough Stone in Chunam	1	15 "	467
2336 1/2	or 23-36 1/2 Sqrs of Plastering with Cocoanut	1	10 "	38
1464	or 54 4/9 Cubic Yds of Rough Stone in Cube work	"	10 "	34
4	Coming Stones	1/2	"	8
				547

	Brought over				547
2	Ground Stones	1	8	"	3
3-4	Cubic Yds Country wood Shutters	1	8	"	5
	Excavating Foundation filling in Chunam	"	"	"	45
	Extra Establishment Sundries and Contingencies including fraction at 15 per cent	"	"	"	90
					690
	Sluice				
3	or 45 2/17 Cubic Yds of Rough Stone in Chunam	1	15	"	88
2	or 6-2 Sqrs of Plastering with Cocoanut	1	10	"	10
6	Coming Stones	"	8	"	13
1	Slug with Stone	"	"	"	2
2	Ground Stone for Shutters	1	"	"	2
	Excavating Foundation & filling in	"	"	"	10
	Extra Establishment Sundries & Contingencies including fraction at 15 per cent	"	"	"	19
					144
3554	Cubic Yds of Earth work	"	"	8	148
	Removing Bushes & Small Trees &c	"	"	"	20
	Extra Establishment at 5 per cent Sundries & Contingencies including fraction at do				8
	Total Rupees				186
					1020

Golgoondah Rouge's Office
Camp at Vizagapatam
20th February 1864

Executed
A Bm

W. Thompson
Assistant to the Collector

Rb. Chadwick Lieut Col RE
Superintending Engineer Dn 3

Collector

Superintending Engineer's
Office, 1st Div. Calcutta,
11th May 1864.

Fo. 113

From

Lieut. H.C. Chambers R.E.
Superintending Engineer 1st Div.

To

Colonel C.A. Orr R.E.
Secretary to Government, P.W.D.

Encls. 3.
1 Plan
1 Estimate
1 Report

Sir,

I have the honor to submit for the sanction of Government from the Estimate the accompanying Estimate amounting to Rs. 1230, for pulling the Seedy tanks of the Village of Chapolia in the Jessore Zilla of the Nurriagapatam District in good order.

2. The items of the Estimate are:

Rs. 826 for Earthworks
Rs. 144 for a Sluice
Rs. 160 for a Causeway.

3. The acreage under the tanks is at present

Fo. 224 2/64.

Collector & Magistrate
and Principal Officer of
Canals in charge of Ca-
lcutta Circle & Main
to Tolly's Nullah
Fort William the
7th March 1864.

Sir,

I am directed to forward
to you the accompanying
Estimate for pulling the
Seedy tanks of the Village
of Chapolia in the Jessore
Zilla of the Nurriagapatam
District in good order
amounting to Rs. 1230.

I am Sir
Your obedient Servant
H. Chambers
Lieut. R.E.
Superintending Engineer
1st Division.

present only 84 acres, but when the tank has been improved, it is believed, that fresh land under it, will gradually come into cultivation.

4. The project has been approved of by the Collector.

I have the honor to be
Sir,
Your Most Obedient Sv.

Bb. Chambers Lt Col. R.E.
Superintending Engineer 1st Dn.

Rb

1864 Despte
Recd. 30 May.
From Govt. No. 2242
The Supt. Engineer
1st Division
To The Secy. to Govt.

R.P.C.

Dated 11th May 1864
Despd. 30th May 1864
Recd. 20

4th 113

Encls. 13

Submits for the sanction of Government from the Reserves the accompanying Estimate amounting to Rs. 1020 for putting the Poodysunda tank of the Village of Chapalavanum in the Division by taking off the Vizagapatam Distt.

No. 1557 - 30th May 1864

Nilkantapoo Note 1

No. 689. 640

1

No. 1557

The Govt. sanction the Estimate of Rs. 1,020, submitted with this letter, for constructing a Calingulech and Sluice to avoid strengthening the bund of the Poodysunda tank in the Sunnaidy Taluck, Vizagapatam Distt.

The cost of the work will be met from the Reserves for 1864/65 under "Agriculture"

To the Supt. Engrs. 1st Div. with their report &c.

" Collr. & Agt. Vizagapatam

Acctt. Recd.

Chapanilla 30th May 1864
Despd. 31st May

3

3

32

No. 87