Archives 1—10,000—6-10-76.

(1) Number of pages 26

(2) Date of repair 1-6-79

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue — DEPARTMENT

G.O. No. / B.P. No.	2775	Press. / Mis.
Dated	17-9-1877	197 .

Not to be folded or roughly handled

Work—Constructing a new Tank across Karechully at Magulam.

Quantities.	Description of Work.	Rate.	Per	Amount.	Amount of each part.
		RS. A. P.		RS.	RS.
56,485½ c. yds.	Earthwork, including breaking clods, tamping, and sectioning	0 3 0	C. yd.	10,591	...
4,999¾ ,,	New stone revetment	1 0 0	,,	5,000	...
1,875 ,,	Gravel backing	0 7 0	,,	820	...
645 ,,	Gravelling and tamping ...	0 6 0	,,	242	...
1,678½ ,,	Puddling work	0 10 0	,,	1,049	...
3,000 ,,	Removing silted sand	0 1 6	,,	281	...
	Total ...	...	...	17,983	...
	Sundries at 3 per cent	...	...	539	...
	Superintendence at 3 per cent.	...	...	539	...
	Contingencies at 2 per cent.	...	...	359	...
	Amount of Estimate ...	...	...	...	19,420

Work—Cutting an Irrigation Channel from the proposed tank sluice of new tank to the irrigable fields below it.

Quantities	Description of Work.	Rate.	Per	Amount.	Amount of each part.
		RS. A. P.		RS.	RS.
5,091⅜ c. yds.	Of cutting earth	0 2 6	C. yd.	796	...
723½ ,,	Of filling with earth in the bed of channel and both sides of ditto	0 2 0	,,	90	...
	Total ...	...	...	886	...
	Sundries at 2 per cent. ...	...	...	17	...
	Superintendence at 3 per cent.	...	...	27	...
	Amount of Estimate ...	...	...	...	930

Work—Constructing a Calingulah for the proposed tank at Magulam.

Quantities.	Description of Work.	Rate.	Per	Amount.	Amount of each part.
		RS. A. P.		RS.	RS.
2,134¼ c. ft.	Of burnt stone in chunam ...	0 2 6	C. ft.	333	...
9¾ squares.	Of pointing with chunam ...	1 8 0	Square	15	...
118 c. yds.	Of rough stone packing ...	1 0 0	C. yd.	118	...
146 ,,	Of earthwork	0 2 0	,,	18	...
	Total ...	...	...	484	...
	Sundries at 2½ per cent. ...	...	...	12	...
	Superintendence at 2½ per cent.	...	...	12	...
	Contingencies at 1½ per cent.	...	...	7	...
	Amount of Estimate ...	...	...	..	515

HOSPETT,
2nd August 1877.

(Signed) C. H. T. NORFOR,
Asst. Engineer in charge of Hospett Range.

(Signed) W. B. LEGGATT, A.I.C.E.,
Offg. District Engineer, Bellary.

Revenue Department, 17*th September* 1877, *No.* 2,775.

ENCLOSURE No. 2.

Report to accompany the Estimate for constructing a new tank at Magulam in Hadagally Taluq.

		RS.
1.	Constructing a new tank	19,420
2.	Cutting an irrigation channel	930
3.	Constructing a weir	515
4.	Do. a sluice	844
	Total Estimate ...	21,709

It is proposed constructing a tank at Magulam, a village in the Hadagally Taluq of the Bellary District, by throwing a bund across a vunkah called the *Karee Hullah*, and which is about 150 feet wide. This vunkah drains about 10 square miles of country.

The bund has been designed to carry a roadway, as the newly-constructed road (by famine labor) from Magulam to its junction with the Hollal road will have to be taken over it; at present it is just below it.—(See Sheet No. 1). The earthwork to this tank has already been put in hand as a relief-work.

Bund.—After the centre line has been peggged out and lock-spitted, sections of the bund will be put up at regular intervals apart of bamboos and string; the bund will be raised in layers of 1 foot; each layer will be well watered and tamped; the rear slope of bund will be 1½ to 1 and the front slope 1 to 1.

Stream.—Where this has to be crossed the bund will be puddled in its centre, the puddle to be done in steps as shown on section, and will be extended 50 and 100 feet into the west and east banks of the stream respectively.

The puddle is to be carefully prepared; good stiff clay free from vegetable matter should be mixed with water and worked into a paste; it should contain as much sand and fine gravel as is consistent with its holding water, then be put down in layers about 6" thick and well beaten. Care should be taken to flood the day's work in the evening, so as not to let the puddle get dry over night, as it should be in a moist state to receive the next layer.

Soil.—The portion on the east bank of stream is cotton for 1½ feet with white moramboo underlying; on the west bank the soil is generally gravel.

Revetment.—The bund will have a front revetment of 1 to 1, which will be 2 feet thick; the stones to be carefully fitted together, and the interstices filled in with stone chips well rammed home

The gravel backing, ¾ foot thick, should be carried up simultaneously with the revetment; it should be well watered and tamped.

Sluice.—This will be constructed at the level shown on the section of burnt stone in chunam.

Weir.—To discharge the drainage of 10 square miles a weir 124 feet long has been provided of burnt stone in chunam. The approach to the weir is unobstructed; the fall of ground immediately in rear is towards the stream, the Karee Hullah, into which the surplus will fall without destroying cultivation, as it is all on the west bank of the stream.

Mortar.—To be composed of 1 of lime to 2 of sand; the lime to be slaked at work-spot.

Expected Revenue.—625 acres of land can be brought under wet cultivation; this, assessed at Rs. 4 an acre, will yield a yearly revenue of Rs. 2,500, a return of about 11½ per cent. on the proposed outlay.

HOSPETT,
2nd August 1877.

(Signed) C. H. T. NORFOR,
Asst. Engineer in charge of Hospett Range.

SUBMITTED for the sanction of Government.

2. The earthwork has already been put in hand; it is not stated how much has been completed.

(True Copies and Extract.)

(Signed) C. A. GALTON,
Acting Secretary.

Revenue Department, 17*th September* 1877, *No* 2,775.

No. 345. ORDER THEREON, 17th September 1877, No. 2,775.

Miscellaneous.

SANCTIONED.

(True Extract.)

(Signed) J. H. GARSTIN,
Additional Secretary to Government.

To the Board of Revenue.
,, the Public Works Department.

Exd. A. F. Goodall.

3/2775

Bellary

Revenue Department.

No 4146

Proceedings of the Board of Revenue

Dated 6th September 1877

Read the following.

No 699.

From.

The Collector of

Bellary.

To

The Secretary, Board of Revenue

Madras.

Sir.

I have the honour to forward

4 estimates
1 Report
6 Plans.

herewith estimates aggregating Rs 21,709 with accompaniments as per Margin for constructing a new tank at Magulam in the Taluq of Hoonhadgally and to request that you will be good enough to obtain the sanction of Government

The Revenue Engr Bellary

Govt. of [1877] Madras.

REVENUE.

To

THE BOARD OF REVENUE,
&c, &c.

Dated September 1877.
Received 19th
Read.
Entd.

G.O. 17th September 1877, No. 2,775.

SEPTEMBER.
Nos. 344-345.

FAMINE RELIEF. No. 1643.

Estimate for construction of [illegible] Tank in Hoonhadgally Taluk in Bellary District.

Submitted for Sanctioning [illegible]

Rs 21,709

6/225

Report to accompany the

Estimate for Constructing a new Tank

at Inogollum in Vadagully Taluq.

1. Constructing a new Tank — 19420 / 19900 — — —

2. Cutting an Irrigation Chan.l — 885 — — —

3. Constructing a Weir — 515 / 480 — — —

4. Constructing a Sluice — 840 / 740 — — —

21709

Total Estimate Rs. 22055 — — —

It is proposed Constructing a

Tank at Inogollum, a Village in the

Vadagully Taluq of the Bellary Dist.t,

by throwing a Bund across a Vunkah

called the Karee Vullah and which

is about 150 feet wide. This Vunkah

drains about 10 Sq.re Miles of Country.

The Bund has been designed

to

to Carry a road way, as the newly
Constructed road (by Famine labor)
from Mogollum to its Junction with
the Dollal road will have to
be taken over it; at present, it
is just below it. See Sheet No 1.
The earth work to this Tank has
already been put in hand as a
Relief work.

After the Centre line has
been ~~fixed~~ pegged out and lock spitted, the
Sections of the Bund will be
put up at regular intervals a
part of bamboos & string, the
Bund will be raised in layers
of

of one foot, each layer will be well
watered and tamped, the rear Slope of
Bund will be 1½ to 1 and the front Slope
1 to 1.

Where this has to be cropped the
Bund will be puddled in its Centre,
the puddle to be done in Steps as
Shewen on Section & will be extended
50 & 100 feet into the West & East
banks of the Stream respectively
The puddle is to be carefully
prepared - good Stiff Clay free from
Vegitable matter should be mixed
with water & worked into a paste;
it

it Should Contain as much Sand and fine gravel as is Consistent with ~~wa~~ its holding water, then be put down in layers about 6" thick and well beaten. Care Should be taken to flood the days work in the evening, so as not to let the puddle get dry over night. as it Should be in a moist state to receive the next layer.

The portion on the East bank of Stream is Cotton for 1½ fut with white moramboo underlying, on the west bank the Soil is generally gravel.

The Bund will have a front Revetment of 1 to 1 which will be 2 fut thick. the Stones to be carefully fitted together & the interstices filled in with Stone chips, well rammed home.

The gravel backing 3/4 fut thick Should be carried up Simultaneously with the Revetment. it Should be well watered and tamped.

This will be Constructed at the Level Shewn on the Section of Burnt Stone in Chinnam.

To discharge the drainage of

C11-5-17

95/2725

of 10 Lyne Miles a Weir 124 feet long has been provided of burnt stone in Chunam. The approach to the weir is unobstructed; the fall of ground, immediately in rear, is towards the stream, the Karee Pullah, into which the surplus will fall without destroying Cultivation, as it is all on the west bank of the stream.

To be Composed of one of lime to 2 of sand; the lime to be slaked at work spot.

625 acres of land can be brought under wet Cultivation, this, assessed at 4/8 an acre will yield a yearly revenue of Rupees 2500 - a return of about 11/3 per cent on the Money outlay of ——

Forjett Range Office
22 August 1877.

Alexander
Asst. Engr.
in Chge of Forjett Range

Irrigation

Kurnool

ABSTRACT ESTIMATE.

District Bellary Taluk Gadagally Village Nagallapuram Near Tank

Work Constructing a Sluice to Nagallapuram Near Tank

Quantities.	Description of Work.	Rate.	Per.	Amount.	Amount of each part.
3240 Cft	of Burnt Stone in Chunam	" 2 6	Cft	506 --	
93 Sqre ft	Granite Covering Slabs dressed	" 8 -	Sft	47 --	
193 Cft	of Brick in Chunam	" 4 -	Cft	48 --	
2 3/8 Sqrs	of Plastering 2 Coats	4 --	Sqr	11 --	
12 3/4 "	of Pointing	2 8	-	32 --	
76 1/2 Sqre ft	Granite Stone including fixing & dressing	" 12 -	Cft	57 --	
No 2	Plug Complete	5 --	-	5 --	
150 Cyds	of Earthwork	- 2 -	Cyd	19 --	
	Total			799 --	
	Sundries @ 3 per cent			23 --	
	Superintendence @ 3 per cent			23 --	
	Contingencies @ 2			15 --	
	Amount of Estimate Rupees			790 --	

Gooty Range Office
2 August 1877

W Blackwood Lieut R.E.

C Morford
Asst Engineer
in Chge of Gooty Range

Submitted to Executive Engineer Bellary

Superintending Engineer
Kurnool Circle

Examined

Assistant Commissioner
Gooty Range

Sept 1
1877

Irrigation — New work

ABSTRACT ESTIMATE.

District Bellary Taluk Gadagally Village Nagallum

Work Constructing a new Tank across Karachully at Nagallum

Quantities.	Description of Work.	Rate.	Per.	Amount.	Amount of each part.
59326	Cyds Earthwork including backing breaking Clods tamping and Sectioning	" 3 "	Cyd	1067 1112 " "	
5063	" New Stone pevetment	1 " "	"	5000 5063 " "	
1895	" Gravel backing	" 7 "	"	829 " "	
545	" Gravelling & Tamping	" 6 "	"	242 " "	
1433	" Puddling work	" 10 "	"	896 " "	
1800	" Removing silted sand	" 16 "	"	281 " "	
	Total			18426 " "	
	Sundries at 3 per cent			553 "	
	Superintendence @ 3 per cent			553 "	
	Contingencies @ 2 per cent			369 " "	
	Amount of Estimate Rupees			19900 " "	

Gadagally Range Office
1877

Asst. Engineer in Charge of Gadagally Range

P. Nesbitt A.I.C.E.
Offg. District Engr. Bellary

W. Master
Offg. Executive Engr.

Bellary Division
Gadagally Range
187 .7.

From,
The Officer
In charge Gadagally Range.

To,
The Assistant
The Superintending Engineer,
Bellary

Dated
Received } 187 .

Abstract Estimate amounting to
Rupees 19900

for Constructing a new Tank across Karachully at Nagallum for Irrigation

Bellary

8/24

ABSTRACT ESTIMATE.

District Bellary Taluk Gadagully Village Inagallum

Work Cutting an Irrigation Channel from the proposed Tank Sluice of new Tank to the irrigable fields below it.

Quantities.	Description of Work.	Rate.	Per.	Amount.	Amount of each part.
50 91 1/3 4803	Cyds of Cutting earth	" 2 6	Cyd	796 50	
723 1/2 761	" of Filling with earth in the bed of Channel & both Sides of do	" 2 "	Cyd	90 "	
	Total			886 "	
	Sundries @ 2 per cent			17 72	
	Superintendence @ 3 per cent			27 24 "	
	Amount of Estimate Rupees			932 885 "	

Gospet Range Office
2 August 1877

Asst. Engineer
in Chge. of Gospet Range

A. J. C. E.
Offg. District Engr. Bellary

Master

Master

Bellary District Office
Gospet Range
187 .7.

From,
The Sub Asst Engineer
In charge Gospet Range.
To,
The District Engineer,
3rd Division
Bellary

Dated 2 August 1877.
Received.

Abstract Estimate amounting to
Rupees 1903 ——
for Constructing Irrigation Channel from proposed Tank Sluice to irrigable fields below it.

137

From,

The Executive Engineer

In charge of Gospel Range

To,

The District Engineer,

Bellary

Dated 28 August 1877.

Received

Abstract Estimate amounting to

Rupees 885

for Cutting an Irrigation Channel from the Eastern end of the Eastern Tank to the village of Nagallum

Irrigation

Bed work

ABSTRACT ESTIMATE.

District Bellary Taluk Gadapally Village Nagallum

Work Constructing a Calingulah for the proposed Tank at Nagallum

Quantities.	Description of Work.	Rate.	Per.	Amount.	Amount of each part.
2134/4	Cft of Burnt Stone in Chunam	- 2 6	Cft	333 - -	
9 3/4	Lgth of Pointing with Chunam	1 8 -	Lgth	15 - -	
80	Cyds of Rough Stone packing	1 - -	Cyds	80 - -	
146	of Earth work	- 2 -	-	18 - -	
	Total			446 - -	
	Superintendence 3 per cent			13 - -	
	Contingencies 3 per cent			8 - -	
	Amount of Estimate Rupees			480 - -	

Gospel Range Office
28 August 1877.

Asst. Engineer in charge of Gospel Range

Examined

A. I. C. E.
Offg. District Engr. Bellary

Checked

Bellary District
Gospett Range

187 -7.

From,

The Officer

In charge Gospett Range

To,

District

The ~~Superintending~~ Engineer,

~~S. I Division~~

Bellary

Dated 2d August 187

Received.

Abstract Estimate amounting to

Rupees 4800 - - -

for Constructing a C

Caliingulah for the

proposed Nagellam

Tank.

Rec'd Dro = 4th 2/8/77 L 1 3rd