M R.O. 1—77,006—8-6-37.

(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. 3285 Press ~~Mis.~~

354 - 355

Dated 15 — 10 — 1866.

Not to be folded or roughly handled

No. 354. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Department Public Works, dated Tanjore, 26th September 1866, No. 764.—

1. I have the honor to forward the undermentioned estimates called for or adverted to in the Government Orders entered opposite to them:—

G O No. 2,512, 9th August	I. For widening the bridge over the Upper Anicut, and re-building the face and parapet walls . .	Rs. 12,960.
Letter No. 490 in G. O No 2,528 of 10th August.	II. For re-building a portion of the extended wing of the surplus sluice from the South Rajah Voikal from the lower anicut	Rs. 2,350.
G O No. 2,818, 4th September.	III. For constructing a front retaining wall, along the south branch of the Lower Anicut, from the retaining wall of the extended apron of the first set of sluices from north end to the wing wall of the southern abutment ...	Rs. 16,750.

2. Nos I. and II. require no comment; with regard to No. III. it will be observed that provision has only been made for the up-stream retaining wall and floor, and not for the extended apron in rear. So much difficulty has been experienced in getting down the rear retaining wall of the second set of sluices from the north end of the south branch of the lower anicut, and I am so apprehensive of undermining the existing work when removing the old stone and cubes, thrown in for the protection of the existing work, to admit of the foundations of the extended apron being laid, that I am of opinion the subject requires further consideration, and that we shall be in a better position to judge what method should be adopted for the protection of the rear apron after the extended aprons of the sluices have been constructed than we now are.

3. The extended aprons of the sluices being 84 feet long, will nearly cover an arch on each side of the sluices, leaving 168½ feet between the extended aprons of two adjacent sluices, and an extension of the rough stone apron in this interval will probably afford the best protection to the work.

4. As the existing extended aprons, before the sluices, have been more or less injured, they must be extended, and the only evil of postponing a decision on the manner in which the rear apron between the extended sluice aprons is to be protected, is, that if a second retaining wall is to be got in it should be put in while the extension of the sluice aprons is under progress, or portions of their retaining walls will have to be laid bare, and the protective rough stone apron will have to be removed while the anicut apron is extended. On the other hand, it will be impossible to get in the rear retaining wall to the anicut and for the extended aprons of the sluices in one season, and the latter require more immediate attention.

5. Judging of the cost of getting in the extended apron to the anicut from that incurred in putting in the foundations of the retaining wall of the extended apron of Sluice No. 2, the cost of the extension of the rear apron may be estimated at Rupees 52,000.

Paragraph 4, letter No. 490, in G.O. No. 2,528, 10th August.

No. 355. ORDER THEREON, 15th October 1866, No. 3,285.

CIVIL WORKS, No. €9.

1. The Governor in Council sanctions the second and third of the estimates enumerated in paragraph 1 of this letter. The former being less than Rupees 2,500, must be carried out from the Reserve of 1867-68, and the latter will be entered in the Budget of that year.

2. The Government are not satisfied that the widening of the bridge over the Upper Anicut is a work which may not lie over, and they withhold their sanction to the estimate as all funds are urgently required for really necessary improvements.

3. Adverting to the remarks in paragraphs 3 to 5, the Government observe that in their Proceedings No. 2,818, dated 4th September 1866, Captain Oakes was instructed to provide in his Budget Estimate of 1867-68, for such a sum as could be conveniently expended in that year on the construction of extended front and rear aprons with retaining walls along the whole length of the south branch of the Lower anicut. From this, the Superintending Engineer will understand that the Government have no doubt of the advisability of giving the increased stability to the work which the proposed new complete down-stream retaining wall will impart, and Captain Oakes will accordingly make provision in his Budget for carrying out a portion at least of that work next year, when funds will, if possible, be allotted for it.

(True Extract.)

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

To the Superintending Engineer, 6th Division, with one Estimate and one Plan.
„ Accountant General.
„ Controller of Public Works Accounts.

Exd S. T. Augustin.

Irrigation — New Work.

Abstract Estimate No 16 of 1866/67

Tanjore District

Kumbaconum Taluq

Work — Restoring South Wing wall of South Rajah Voikal Surplus Sluice

Quantity	Description of Work	Rate	Amount			Amount by Each Part		
14339 7/16	Cft. of Brick in Chunam Mortar	2	1792	6	2			
1440	Sqr. ft. of Plastering Per Sqr.	2	28	12	10			
	Removing old Masonry above		10	-	-			
	Removing old Foundation		100	-	-			
	Baling		180	-	-			
	Filling with Earth Above		20	-	-			
	Sundries & Contingencies		218	13	-	2350	-	-
	Total Estimate Rupees					2350	-	-

Sd. W. T. Bateman
Subengineer D.P.W.

G. Lee Morris
Collector.

Sup.dg. Engr.'s Office
Tanjore. 20th Sept. 1866

B

H. F. Oakes Capt. R.E.
Sup.dg. Engr. 6th Dn.

Irrigation — Irrigation Works

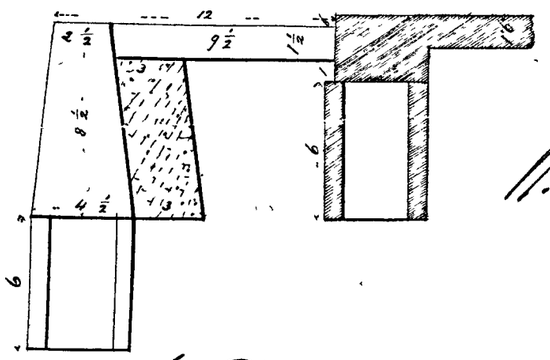
Lacquer District

Canal excavating Galing

Abstract Estimate No. 17 of 1866/67

Estimate for Canal excavating a Drain Retaining Wall along the South Bank of the Lower Aluminah Canal excavating Floor with the Existing Work, from the West Wing of the South Abutment to be Extended up Stream Wings of the Northern Set of Sluices a distance of 975' —

Quantities	Description of Charges	Rate			Amount			Total		
195	Wells at	25	"	"	each	48	15	"		
42900	Cubic Feet Brick in Chunam at	"	2	"	C/ft	5	362	8	"	
758	Cubic yards of Puddle at	"	4	"	C/yd	189	9	4		
	Piles & Sheeting to protect old Work	"	"	"	"	975	"	"		
	Excavating Foundations & Selling	"	"	"	"	350	"	"		
	Baling	"	"	"	"	2500	"	"		
	Embankments	"	"	"	"	450	"	"		
	Sundries	"	"	"	"	1047	14	8		
	Total Estimate Rs					16758	"	"		



Shaded Portion Old Work.

W. F. Baker Captn R.E.
Supg. Engr. & 6th Dn.

Supg Engrs Office 6th Dn
Lacquer 20th September 1866.

Jos. Simmons
Collector

No 764

Office
Tanjore 26th Septem

From,

Captain R. F. Duke R.E.
Superintending Engineer 6

To,

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

Sir,

I have the honor to
forward the undermentioned
timates called for or adverted
in the G.O.s entered opposite to

G.O. No 2512, 9th August.	I. For widening the Bridge over the Upper Anicut and rebuilding the face & parapet Walls --- Rs	1
Letter No 490 in G.O. No 2528 of 10th August.	II. For rebuilding a portion of the Extended Wing of the Surplus Sluice from the South Rajah Vaikal from the Lower Anicut Rs	2
G.O. No 2818, 4th September.	III. For Constructing a front Retaining Wall along the South branch of the Lower Anicut from the Retaining Wall of the extended Apron of the 1st Set of Sluices from North End, to the Wing wall of the Southern Abutment ---------- Rs	1

2— Nos I & II require no comment; with regard to No III it will be observed that provision has only been made for the upstream retaining wall & floor and not for the Extended apron in rear— So much diffiently has been Experienced in getting down the rear retaining Wall of the 2d set of Sluices from the North end of the South branch of the Lower Anicut, and I am so apprehensive of undermining the existing work when removing the old stone & cubes, thrown in for the protection of the existing work, to admit of the foundations of the extended apron being laid that I am of opinion the subject requires further Consideration, & that we shall be in a better position to Judge what Method should be adopted for the protection of

of the Rear Apron after the Extended Aprons of the Sluices have been constructed than we now are—

3— The Extended Aprons of the Sluices being 84 feet long will nearly cover an Arch on each side of the Sluices leaving 168' between the Extended Aprons of 2 adjacent Sluices & an Extension of the Rough stone Apron in the interval will probably afford the best protection to the Work—

4— As the existing Extended Aprons, before the Sluices, have been more or less injured they must be Extended & the only evil of postponing a decision on the manner in which the rear apron between the Extended Sluice Aprons is to be protected, is, that if a 2d retaining wall is to be got in it should be put in while the Extension of the Sluice Aprons is

is under progress or portions of the
retaining walls will have to be
laid bare & the protective rough
stone Apron will have to be removed
while the Anicut Apron is ex=
=tended — On the other hand it will
be impossible to get in the rear
retaining wall to the Anicut
& for the extended Aprons of the
Sluices in one Season & the latter
require more immediate attention —

5 — Judging of the cost of getting
in the extended Apron to the Anicut
from that incurred in putting in
the foundations of the retaining
wall of the extended Apron of
Sluice No 2 the cost of the extension
of the rear Apron may be estimated
at Rs 5 2000 —

Para 4
Letter No 490
in G.O. No 2528
10th Augt

I have the honor to be
Sir,
Your most Obdt Servt

L. Baker Captain R.E.
Dist Engineer 6th Div

11

9th Augt/66 No. 2512
10 —"— —"— 2528
4th Sept.r —"— 2818

9th Oct.r 1866 Despatch
Pro.s Govt. for October
Nos. 4010
The Supg. Engineer
6th Dn.
To. The Secretary to Govt.
P. W. Depart.t

dated 26th September
Rd 1st Octr/66 1866

No. 764
Encls 5
Plans & Estimates
(Three Copies)

Submits with observations
Plans & Estimates for
three Works amounting in
the aggregate to
Rupees 32060 —
No. 3285 - 15th Octr/66

No. 354

Public Works Department

No. 3285

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 15th Octr 1866.

From the Superintending Engineer
of the 6th Division

Read the following

(Here enter No. 764 of 26 September 1866.)

The Governor in
Council sanctions the
second and third Estimates
enumerated in para 1
of this letter. The for-
mer being less than
Rupees 2,500, must be
carried out from the
Reserve of 1867/68, and
the latter will be entered
in the Budget of that
year

The Govt. are not
satisfied that the
sufficiency of the
Bridge

bridge over the Upper Anicut is a work which may not lie over, and they withhold their sanction to the Estimate as all funds are [redacted] urgently required for really necessary improvements.

Adverting to the remarks in paras 3 to 5, the Govt observe that in their Proceedings No. 2818, dated 4th Sept 1866, Captain Cotton was instructed to provide in his Budget Estimate of 1867/68, for such a sum as could be conveniently expended in that

that year on the construction of extended front and new apron with retaining walls along the whole length of the South branch of the Upper Anicut - From this, the Superintending Engineer will understand that the Government have no doubt of the advisability of giving the increased stability to the work which the proposed new complete down stream retaining wall will impart, and Captain Cotton will accordingly make provision in his budget for carrying out it

a portion at least
of that work meet
year, when funds
will, if possible, be
allotted for it -

To
The P. Engr 6th Div with one
extra one plan
" North Circle
" Coimbatore

Sept 4th October

No 354 - 355

P.P. 1866 Deptt

Pn. of Sett. for Octr. 1866.

No. 3285

Pn. of the 4 Madras Sett.

D/ 15th Octr. 1866.

Copying orders on a letter from the Subg. Engr. of the 6 Divn. submitting Estimates for works Connected with the Coleroon Anicuts &c in the Tanjore

Dt.

Pp 354-355

Do 365-366