

(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. 3203

Press
Mis.-

622-623

Dated 25-10-1865.

Not to be folded or roughly handled

17

*Proceedings of the Madras Government, Public Works Department,
25th October 1865.*

No. 622. Read the following letter from the Superintending Engineer, 3rd Division, to the Secretary to Government, Public Works Department, dated Bellary, 11th October 1865, No. 142:—

1. I have the honor to submit, for the sanction of Government, the accompanying estimate for restoring the Nagavaram anicut in the Pullampett Talook of the Cuddapah District.

Rupees 16,660.

2. This anicut was breached in 1859, and in December 1862 the then District Engineer gave it as his opinion that the anicut ought not to be repaired, because the revenue under the tank had decreased very slightly. Agreeably, however, to a request from the Collector in September 1863, he had an estimate prepared for restoring the anicut, and when sending it to the Collector for his counter-signature stated: "The revenue returns show that the revenue under this tank has decreased from Rupees 1,813, the collection in Fusly 1268, the year before the anicut was breached, to Rupees 1,143, the amount of revenue in Fusly 1272; but this I attribute more to a succession of bad years than to the want of an anicut, for in 1265, when the anicut was in good order, the revenue under the tank was only Rupees 1,443."

Colonel Hemery.

Rupees 11,230.

In November 1863.

3. The Collector, however, was of opinion that the anicut should be restored, and submitted the estimate to the Board of Revenue for approval, who in their Proceedings gave it as their opinion that the repairs should be carried out.

Dated 11th February 1864.

4. This was communicated to Colonel Hemery, who, from what I learn, did not submit the estimate to Government on account of want of funds.

5. I have had the rates revised in consequence of the rise in labor and cart hire, and now beg to submit the revised estimate, amounting to Rupees 16,660, for the sanction of Government.

No. 623. ORDER THEREON, 25th October 1865, No. 3,203.

CIVIL WORKS, No. 90

Before passing final orders on the estimate submitted with this letter, the Government request the Board of Revenue to ascertain and report what would be the difference between the revenue now realized from the wet land under the influence of the Nagavaram anicut and that which would be demandable from the Ryots in the event of the restoration of the anicut not being carried out, and the land, which it is believed is now not very valuable, being converted into dry.

(True Extract.)

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

To the Superintending Engineer, 3rd Division.
" Board of Revenue.

Ed. S. T. Augustin.

Nagavaram Ancient Amount of Estimate Rs. 17450 / 10000

Nagavaram Ancient in Rajampett Taluq
Pidda Cheroo
Agacut

Circar & Suram Assessment Suram & Suram Assessment
240-28 - 1591-4 - 308-30-12 1457-4-2

Cultivation

Circar	Suram	Suram	Suram	Suram
1264	227.34.8	1328-5-6	308-30-12	188-1-2
1265	203.25.	1208-4-1	308-30-12	188-1-2
1266	222.24.	1340-9-9	308-30-12	188-1-2
1267	158.7.15	1002-4-2	308-30-12	188-1-2
1268	213.16.8	1309-7-5	308-30-12	188-1-2
Average inclusive of 1325				
Cultivation of 1269 in which the Ancient was breached				
1269	194-4-15	1274-5-2	308-30-12	188-1-2

Nagavaram Channel
Agacut

Circar & Suram
14 - 71-11-1

Circar	Suram	Suram
1264	6 4 15	28 - - -
1265	6 4 15	28 - - -
1266	6 4 15	28 - - -
1267	6 4 15	28 - - -
1268	6 4 15	28 - - -
1269	6 4 15	28 - - -

Meddick
Off. Collect.

C. Rajanna Red
Bussell

Supy. Engineer 3 Division. Sub Engineer in ch. of
Puthampett Range

16660

Nagawarum Ancient amount of estimate Rs. (17400) less than
thousand four hundred and fifty

1. This Ancient was breached, during the extra-
ordinary floods of November 1859.

2. Cause of breach. The water rose to such a height / on
plain / that it topped the channel bank, and must then have gra-
dually washed away the ancient from the south bank.
The old ancient moreover had been built on a very slight
foundation

3. The ancient appears to have been built many years ago
by a late Rajah.

4. The portion of ancient still remaining was built in 1859.
At that time the river showed a tendency to widen at this point
and I considered it advisable to extend the ancient by 50 yards
but the section / see F in drawing / must now be altered to coincide
with the new plan C. Judging from the portion of ancient now
remaining I am of opinion that a sloping apron / see red dotted line
in section / would stand better, than one as shown in section D.
This point however I leave to be decided by the Superintending
Engineer who has inspected the site of the proposed work. In the
mean time I submit an estimate for restoring the ancient
on the plan shown in section

5. As will be seen from the Drawing I propose to build
a masonry wing wall on the south bank, the face looking
up the stream to form a Head Sluice. The 2 Vents are to be
each 3 feet wide by 6 feet high. Considering that the
channel, besides irrigating land under it, is the principal
source of supply to the Nagawarum tank, I could not
well allow less water way

6. I have allowed no under sluices for this work, for the
bed of the river is a stiff red clay largely mixed with
boulders. Any opening in the body of the work would necessarily
be blocked up by the first fresh

* My predecessor
is his. meant
Altho

H. Colwell
Asst. Secy

Continental
10th September 1860

A. W. G. Capt. R. A. M. M. M.
Supy. Engineer 3rd Division. Sub Engineer in ch. of
Puthampath Range

Abstract of an estimate for restoring the Nagawarun Annicut

Quantities	Description of work	Rate	Amount	Total
<u>Masonry work</u>				
567 7/8	Culvert girders foundation stone in mortar	4 4	2413	10 4
1430	do do do	4 4	607 8	
158	do do do	4 4	671 8	19162 10
<u>Plastering</u>				
964	Square girders plastering	4	241	241
<u>Sprow</u>				
287 1/2	Culvert girders rough stone in mud	1 10	4670 4	4670 4
<u>Painting</u>				
79	Culvert girders rough stone painted with mortar	1 12	138 4	138 4
<u>Earthwork</u>				
1725 1/2	Culvert girders earthwork	3	323 8	
1332	do do	1 6	124 14	
1332	do do Ramming	4	27 12	
1634	do do do	3	25 8 6	501 10 6
<u>Old stone work</u>				
224	Culvert girders stonework	4	56	56
<u>Earthwork</u>				
960	Culvert girders earthwork	1 6	90	
960	do do Ramming	3	15	105
<u>Stonework</u>				
240	Culvert girders rough stone revetment	1 8	360	360
<u>Temporary Dam</u>				
200	Slakes each	8	100	
160	Skudles fascines each	6	60	
140	Raising bank of earth and stones in front of skudles	2	80	
			240	
1282	For 2 Dams		480	480
<u>Baling</u>				
1725	Culvert girders excavation for baling, with 8 buckets per day at each 4 times for 60 days	4	120	120
<u>Earthwork</u>				
240	Culvert girders cutting channel to reduce left	2	30	30
Sundries and Superintendence 11 7/8				11 7/8
			1505 12 8	
			1035 72 8	
			164 30	
			17450	
			16660	

20. September 1898
Hd G.A.

W. W. H. Capt. W. T. H. and W. R. R.
Sup. Engineer 3rd Division.

Sub Engineer in ch. of
Fullerton's Range

Navigation

Repairs

Detailed Estimate
District Buddapah
Taluk Pullumpeeth
Village Nagawarum

Work Restoring of the Nagawarum Anicut

Albion's Estimate for Restoring
the Nagawarum Anicut
Estimated by Mr. H. B. B. B.

17/11/1888

Particulars of work	Measurement				
	Length	Breadth	Depth	Cubical	Contents
<u>Foundations</u>					
Foundation to body wall	5	1 1/3	1 1/2	3 1/3	
do	6	1 1/2	1	9	
do	7	1 1/3	1 1/3	19 4/3	
do	16	2	2 1/3	74 2/3	
do	56	2	3	336	
do	16	2	2 1/3	80	
do	12	1 1/3	2	40	
do	3	1 1/3	1 1/3	5 1/3	
				Cubical yards stone in mortar 567 7/9	
Body wall above	120	1 1/3	2	320	
First retaining wall	150	1 1/3	3 1/3	666 2/3	
Second do	152	1 1/6	2 1/2	443 1/3	
				Cubical yards stone in mortar 1430	
<u>Wing wall</u>					
Foundation to wing wall	25	1 1/3	2	66 2/3	
Wing wall above	24	2 1/3	3 1/3	53 1/3	
Foundation for head sluice	7	1 1/3	1 1/2	14	
Walls above to top of Vent	6	2 1/3	2	8	
do Vent	9	2 1/3	2 1/3	16	
				Cubical yards stone in mortar 158	
<u>Plastering</u>					
Body wall	120	3		360	
First retaining wall	150	2		300	
Second do	152	2		304	
				Square yards plastering 964	
<u>Apron to wing wall</u>					
First Apron	135	8	1	1080	
Second do	157	6	1	906	
Lower do	152	6	2 1/3	608	
Extra do for portion of old Anicut	28	10	1	280	
				Cubical yards rough stone 2874	

Particulars of work	Measurement				
	Length	Breadth	Depth	Local	Costs
North wing wall					
Foundation to wing wall	27	1	1		27
Wing wall, above	26	1/3	3		52
Earthwork					79
Excavating foundation for body wall	120	3	2		720
do do retaining wall	150	2	1		300
Excavating 2 retaining walls	152	1 1/3	1		253 1/3
do for south wing wall	25	2	2		100
do for head sluice	7	2	1 1/2		21
do for north wing wall	27	1	1		27
do for lower Apron	152	1	2		304
Raising bank in front of body wall	148	3	3		1332
Raising					1332
Raising earth under 1st Apron	148	8	1		1184
do do	150	6	1/2		450
Break up and repair Apron of portion of old Anicut	28	8	1		224
to plan of New portion					224
South bank					
Strengthening bank between river and channel	160	2	3		960
Raising					960
Stone work					96
Perpetual south bank	160	3	1/2		240
Temporary Dam					240
Stakes					
Hurdle frames					250
Raising bank of earth and stones in front of	160	2	2		640
hurdles					1280
Brailing					172 1/2
Excavation with buckets. Local yards	40	3	2		240
cutting channel to reduce left					

Girker Agent — 261-2-11 1/2
 Exam — 124-4-2 1/4
 Highest Gross Revenue — 934-4-9
 Average revenue of the last 5 years — 1551-5-4
 Amount expended by Government during the last 5 years — 1713-2-7
 1861-1865

To H. Ans. Bluelier

Lib. Eng. in Ch. of Pullumpeh

Supdy. Engineer's Office (3rd Division)
 Bellary 11 October 1865.

From,
 Captain A. S. Kistler, R. E.
 Supdy. Engineer (3rd Division)
 To,
 The Secretary to Government.
 Public Works Department.

Sir,
 I have the honor to submit for the
 sanction of Government the accompanying
 Estimate for restoring the Nagavaram
 Anicut in the Pullumpeh Taluk of the Bur-
 sapah District.

This Anicut was breached in 1859 and
 in December 1863 the then District Engineer
 gave it as his opinion that the Anicut ought
 not to be repaired because the Revenue under
 the Tank had decreased very slightly.
 Agreeably however to a request from the Collector
 in September 1863 he has an Estimate pre-
 pared for restoring the Anicut and when
 sending it to the Collector for his counter-
 signature stated "The Revenue returns show
 that the revenue under this Tank has decreased
 from Rs 1813, the collection in Fuso 1268 the
 year before the Anicut was breached, to Rs 1143,
 the amount of Revenue Fuso 1272 but this I
 attribute more to a succession of bad years
 than to the want of an Anicut, for in 1265
 when the Anicut was in good order the revenue
 under the Tank was only Rs 1443."

The Collector however was of opinion that
 the Anicut should be restored and submitted
 the Estimate to the Board of Revenue for

for approval who in their Proceedings gave. dated 11 Feb 61
it as their opinion that the repairs should
be carried out.

4 This was communicated to Colonel
Steuering, who, from what I learn, did not
submit the Estimate to Government on
account of want of funds.

5 I have had the rates revised in
consequence of the rise in labor and cart hire
and now beg to submit the revised Estimate
amounting to Rs 16660. for the sanction of
Government.

I have to

W. W. S. Captain R. E.
Superintending Engineer
3rd Division.

1st Nov 1865 Depa
From Col. J. P. Steuering
To the Supdy. Engineer
3rd Division

To,

The Secy. to Govt.
P. W. D.

Dated 11 October 1865
Recd 16

No. 142.

Enclos. 5.

Submitting for the sanction
of Government an Estimate
amounting to
Rs 16660 for restoring
the Jagavaram Ancient
in Pallanipeto Taluk
Cuddalore District.

N^o 622

1865 Oct 1865 Da. 20/65

1943 3203-25th Oct/65

Circulated in the
orders of Government.

The estimate for restoring
the Nagavaram Ancient
amounts to Rupees 16,660,
while the greatest increase
that can be looked for
in the revenue, on the
completion of the work
is only Rupees 675, or about
4 per cent per annum
upon the proposed outlay.

The probability however
is that the ^{efficiency} ~~efficiency~~ under
the ancient will not even
amount to the sum just
mentioned - The ^{Supp} ~~Supp~~ ^{Regiment} ~~Regiment~~
Ed. Hannon, showed that in 1265, when
the ancient was in good
order, the collections did
not exceed Rupees 1443, and
he was of opinion that the
falling off in the revenue
since the ^{ancient} ~~ancient~~ ^{was} ~~was~~
returns was attributable

Revenue in 1265 - 1813
— do — in 1272 - 1143
— 670

more to a succession of bad
years than to the want
of an ancient -

The Board of Revenue
consider that the repairs
should be carried out, and
in approving of the estimate
+ write as follows.

"It cannot be doubted"
"that the security of the crops"
"must have been materially"
"affected by the destruction"
"of the ancient, and altho"
"in the expectation of early"
"repairs, the ryots have not"
"hitherto relinquished their"
"land, it is unreasonable"
"to suppose that they will"
"retain them permanently"
"or that the Government"
"revenue can be secured"
"if the intention of repairing"
"the work is abandoned."

The ancient was breached
in 1859, or about 5 years
previous to the date

in which the foregoing remarks
were written by the Board
of Revenue - 97

It may be added
that if ~~the completion~~^{be carried out}
if the proposed repairs ^{and}
the actual collections
under the ancient
averages say Rs 1500
per annum, the proportion
which the ^{five} revenue will
bear to the ^{now contemplated} outlay, will
be about 9 per cent
only.

Wm. H. M. Colonel. R.E.

The restoration of this
important ancient seems
clearly advisable in the
light of the present
state of the Ryot's interest in repairs
determined against it that they
cannot what I conclude is now lost.
Very valuable wet land into dry &
waste of the best kind probably
after the conversion, what would be
a specimen of revenue demandable
I wish this question before despatching
of the matter finally W.H.M.

Public Works Dept.
No. 3203
Proceedings of the Madras Govt.
Under date the 25th October 1865

From the Sup^d Engineer
of the 3^d Div.

Submitting for the
sanction of Government an
Estimate amounting to Rs
16,660 for restoring the large
Nagavaram Anicut in Pullampett
Talug. Cuddalore District.

More enter 11 October 1865
No 122

Before passing final
orders on the Estimate a.b.
submitted with this letter,
the Government request
the Board of Revenue
to ascertain and report
what would be the difference
between the revenue now
realized from the wet
land under the influence
of the Nagavaram Anicut
and that which would
be demandable from
the

the Dyots, in the event
of the restoration of the
Amount not being carried
out, and the land, which
it is believed is ~~not~~
very valuable, being con-
verted into dry -

W.B.

To
The Indus 30/10/14
" Bd of Rev.

Sept 26th October

30

3

Keep the enclosure

9th V 1865 Dep't
Pres: of Govt for Actr.

N. 2203

Pres: of the Al, out
D 25 October 65

Nagavaramanicutan
the Cuddapah Dist. The Board
of Rev requested to report the differ-
ence betw the revenue now real-
ized from the wet land under the
influence of that which would be
demandable from the Ryots in the
event of restoration of dist being
carried out.

N. 222. 62