M.R.O. 1—77,004—6-6-57.

(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. 542 Press / Mis.

528-529

Dated 26-2 1867.

Not to be folded or roughly handled

No. 528. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Department Public Works, dated Pilivalum, 15th February 1867, No. 1,358 :—

Enclosure 1.

1. I have the honor to report on the Upper Anicut.

2. On the subsidence of the waters after the floods of October, it was found that the apron below the second and seventh arches from the south end of the north branch of the anicut had been broken up, and the holes were immediately filled with rough stone. It now appears that there is an extensive leak through the foundations of the anicut, and a large quantity of sand has been discharged through the apron in rear of the first and second arches from the south end; the enclosed estimate provides for the construction of a front retaining wall and apron before the first and second arches, similar to that constructed last year before the sixth and seventh arches, to stop the leak below the sluices which found a vent in the apron below the eighth arch, as the work executed last year under the sanction accorded in G. O. No. 488, dated 8th February, stopped the leak most effectually.

Rupees 850.

From north end.

3. The great danger of a leak in a work of the nature of the Upper Anicut is, that though the leak may be stopped, as was done last year, it is most difficult to restore or re-place the sand, &c., which may have been removed by the action of the water as it passed through or below the work, and though the apron was taken up and re-laid where the leak existed last year, it is clear that sand, &c., below the apron had been removed, for, though the leak was stopped, the fall of the water on the apron from the anicut has broken up the apron. In a similar manner, though the leak under the second arch may be stopped by the work now proposed, it will be necessary to take up the apron and re-lay it, the more so as a portion of the rear retaining wall, fifteen feet in length, has been injured. It was not possible, when I examined the work on the 7th instant, to ascertain the exact extent of the injury to the rear apron, but when water is no longer required for the Perivelly and Iyen channels, the sluices in the anicut will be opened, and the rear retaining wall will be carefully examined and reported upon, if necessary. In the meantime I have directed that preparations shall be made for the carrying out of the enclosed estimate, and such funds as may be required for the work in 1866-67 will be provided from the allotment for Minor New Works under "Agricultural."

Rupees 850.

4. The south section of the anicut is in very good order, though the usual pointing to the work and the re-placing of a few stones, which have been disturbed in the apron, will be necessary.

5. The repairs carried out last year to the Cauvery dam have been very effective, the stone thrown in both above and below the northern seventy-five feet of the dam, appears to have been undisturbed, and 2 Rupees will suffice to replace two stones removed from the crown of the dam.

Rupees 103.

6. A small estimate has been sanctioned for plastering the crown of the 150-yard calingulah, and for adding a few stones to the rough stone apron.

7. The head of the island of Seringham is in good order.

No. 529. ORDER THEREON, 26th February 1867, No. 582.

CIVIL WORKS, No. 83.

The Government sanction the estimate of Rupees 850 submitted with this letter for the construction of a retaining wall and apron in front of the first and second arches of the northern branch of the Upper Anicut, the cost being met as proposed in paragraph 3. The work should be proceeded with expeditiously, in order that it may have time to set before the next freshes.

(True Extract.)

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

To the Superintending Engineer, 6th Division.
,, Controller of Public Works Accounts.
,, Accountant General.

Exd. S. T. Augustin.

Tongoa District

Tongoa Taluq

Estimate No of 1866/67

Estimate for Constructing retaining Wall and front Apron on the North bounds of the Upper Annicut between 2 Arches at the South end to prevent leak.

Measurement			Area		Rate		Amount		
L	B	H				Per			
89	2½	7	1713½	Retaining Wall					
77	9½	1½	1097½	Flooring between retaining Wall and front face of Annicut					
			2810½	S/ft. of Brick in Chunam	"	2 4	C/ft.	409	13 10
30	3	6		Add for Cost of removing dead Coloring Stone in front of Retaining Wall	"	"	8	50	" "
30	8	4	960	S/Cyards Excavating foundation					
			53	C/yards Deduct for Stone removed					
			907	C/yards of Sand	"	1 "	Pr.	56	11 "
				Front Embankment	"	" "	"	50	" "
				Puling	"	" "	"	200	" "
				Sundries	"	" "	"	73	1 2
				Total Pagoes				850	" "

Superintendent Works Office

Tongoa

23rd January 1867

Examined

Collector.

Superintendent of Works

Tongoa

Examined & Passed for Payment

Collector.

Tongoa

23rd January 1867

Received Payment

Collector.

Tongoa

23rd January 1867

4528

Rec'd 23rd Jany 1867 Pd. 22nd

Public Works Dept

No. 582

Proceedings of the Madras Government

Under date the 26th February 1867

Read the following

Letter from Supdg Engineer of 1st
Dist. No. 2.0

Dated 15th February 1867.

No. 1358

The Government sanction
the estimate of Rs 850 sub-
mitted with this letter for
the Construction of a re-
taining wall and apron
in front of the 1st & 2nd Arches
of the northern branch of the
Upper Anicut, the cost being
met as proposed in Para 3.

The work should be proceeded
with expeditiously so that
it may have time to set
before the next freshes.

To
The Ld & D Dist
" Controller
" Asst Engr
dated 27/2/67

Pub: Works 1867 Department

Pro: of Govt for February

No 5582

Pro: of the Madras Govt

Dt 26th February 1867

The estimate of
Rs 850 for the construction
of a retaining wall round
a pram in front of the first
round second arches of the
north bridge of Coppers
Pavement (Colaroon) Sanctioned
and instructions issued for
the work being proceeded with.

No 528-529

C. 20th July 1867 Dr 22nd