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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.

2615

Press

B.P. No.

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Dated

11. 12. 1875 196.

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2615

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Proceedings of the Madras Government Public Works Department,
30th November 1875.

Read the following paper :—

No. 1,369

No. 647. *Note by the Chief Engineer for Irrigation.*

In Government Order of the 16th July last, No. 2,020, an approximate estimate of Rupees 50,000 for the extension of the Pooniar Anicut in South Arcot was

* Of Rupees 57,860.

after making the necessary alterations in the estimate, and the District Engineer has transmitted an amended estimate amounting to Rupees 56,060, and has explained in a letter what rates have been

No. 159, 12th instant.

rates noticed as being apparently excessive compared with the rates in paragraph 15, it is mentioned that the Pooniar head-slucce shutters are to be 5 inches thick; 3 inches will be more than ample.

2. No further information has been received regarding the revenue under the channels supplied by this anicut.

(Signed.) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

CAMP AT ROYACHOTY,
19th November 1875.

AGRICULTURAL—CAPITAL—ORDINARY.

REVISED ABSTRACT ESTIMATE OF 1875-76.

Class 1, Pooniar Anicut, South Arcot District, Trikalore Taluk, No. 1 Range.

WORK.—Lengthening Pooniar Anicut and repairing damages done to the same.

Contents.	Particulars.	Rate.		Per	Amount.		Total.
		RS.	A.	P.	RS.	A.	P.
	ANICUT AND HEAD-WORKS.						
	C.—MASONRY WORKS.						
	<i>Lengthening the Anicut.</i>						
136	Wells of 3 feet inner diameter and 5 feet deep filled with hydraulic concrete	22	8	0	Eash.	3,060	0 0
62	Do. of 3½ do. do. do.	24	8	0	"	1,519	0 0
13,260	Cubic feet, brick in hydraulic mortar.	0	2	2	C. ft.	1,796	10 0
100½	Cubic yards of concrete do. do.	2	8	8	C. yd.	243	7 3
523½	Do. of rough stone work do.	3	0	0	"	1,570	1 9
271	Do. of cut stone work do.	13	0	0	"	3,523	0 0
5,760	Do. of rough stone work do.	1	8	0	"	8,640	0 0
23-80	Squares of plastering two coats render and set	3	6	0	Sqre.	80	5 2
						20,432	8 2

Proceedings of the Madras Government, Public Works Department,
30th November 1875.

WORK.—Lengthening Pooniar

and repairing damages done to the same.—
(continued.)

Contents.	Particulars.	Rate.	Per	Amount.	Total.
		RS. A. P.		RS. A. P.	RS.
	<i>Constructing Under-sluices</i>				
14	Wells of 4 feet inner diameter 6 feet deep filled with concrete	33 0 0	Each.	462 0 0	
115	Do. of 3½ do. do.	28 14 0	"	3,320 10 0	
22,272	Cubic feet of brick in mortar	0 2 2	C. ft.	3,016 0 0	
336	Do. of archwork in do.	0 2 8	"	56 0 0	
342	Cubic yards of concrete in	2 6 8	C. yd.	826 8 0	
95	Do. of cut stone in	13 0 0	"	1,235 0 0	
674½	Do. of rough stone	1 8 0	"	1,012 2 8	
54½	Cubic yards of rough stone revetment	1 8 0	"	81 10 8	
43-46	Squares of plastering two hydraulic mortar	3 6 0	Sqre.	146 10 9	
12	Beam stones	8 0 0	Each.	96 0 0	
6	Teakwood shutters (needles) iron straps round top and bottom complete	62 0 0	"	372 0 0	
	Cost of eighteen wells which were already sunk, but abandoned to suit revised design			441 0 0	
	Excavating foundation			1,200 0 0	
	Temporary dams			800 0 0	
	Baling water...			1,600 0 0	
	Sundries and superintendence	7 0 0	Cent.	35,098 2 3	
				2,451 13 9	
				37,550 0 0	
	<i>Miscellaneous.</i>				
	Temporary road to quarries			300 0 0	
	Total, HEAD-WORKS				37,850
	<i>MAIN CANAL AND BRANCHES</i>				
	<i>D.—REGULATORS, MASONRY WORKS.</i>				
	<i>Constructing a Head-sluice for Pombay Channel.</i>				
95	Wells 3½ feet inner diameter and 5 feet deep filled with hydraulic concrete	24 8 0	Each.	2,327 8 0	
204	Cubic yards of concrete in hydraulic mortar	2 6 8	C. yd.	493 0 0	
14,102	Cubic feet of brick in do. do.	0 2 2	C. ft.	1,909 10 4	
98	Cubic yards of cut stone in do.	13 0 0	C. yd.	1,274 0 0	
124	Do. of rough stone work	1 8 0	"	186 0 0	
954½	Cubic feet of archwork of brick hydraulic mortar	0 2 8	C. ft.	159 0 6	
35-75	Squares of plastering with tw. hydraulic mortar	3 6 0	Sqre.	120 10 6	
20	Beam stones	8 0 0	Each.	160 0 0	
2,016	lbs. of angle iron bearing	0 2 0	lb.	252 0 0	

Proceedings of the Madras Government, Public Works Department,
30th November 1875.

WORK.—Lengthening Pooniar Anicut and repairing damages done to the same.—(Concluded.)

Contents.	Particulars.	Rate.	Per	Amount.	Total.
		RS. A. P.		RS. A. P.	RS.
	<i>Constructing a Head-sluice for Pombay Channel.—(Concluded.)</i>				
4	Teakwood shutters similar to present ones with screw gear Removing old work	0 0	Each.	800 0 0	
				200 0 0	
				7,881 13 4	
	<i>Guard wall.</i>				
45	Wells of 3½ feet inner diameter 5 feet deep filled with hydraulic concrete	8 0	Each.	1,102 8 0	
33	Cubic yds. of concrete in do. mortar	6 8	C. yd.	79 12 0	
10,614	C. feet of brick in hydraulic mortar	2 2	C. ft.	1,437 5 0	
131	Cubic yards of rough stone work apron	8 0	C. yd.	196 8 0	
		8 0	"	42 0 0	
28	Do. of do. for revetment			75 0 0	
22-32	Squares of plastering two coats in hydraulic mortar	3 6 0	Sqre.	600 0 0	
	Excavating foundation			200 0 0	
	Temporary dams			400 0 0	
	Baling water			12,014 14 4	
				845 1 8	
	Sundries and superintendence	7 0 0	Cent.		12,860
	<i>Raising the existing regulating works on the Southern bank.</i>				
5,706	C. feet of brick in hydraulic mortar.	0 2 2	C. ft.	772 11 0	
10	Beam stones	8 0 0	Each.	80 0 0	
				852 11 0	
				57 5 0	
	Sundries and superintendence	7 0 0	Cent.		910
					13,770
	<i>Total, D—MASONRY WORKS</i>				
	<i>F.—Earthworks.</i>				
23,257	Cubic yards of earthwork for north embankment	0 1 3	C. yd.	1,816 15 3	
2,904	Do. of do. for south do.	0 1 6	"	272 4 0	
174	Do. of do. for road slopes	0 1 0	"	10 14 0	
25,501	Do. of do. for south bank of Pombay channel forming river embankment	0 1 0	"	1,593 13 0	
3,971	Do. of do. for bund behind north abutment and wing of head-sluice and guard wall	0 1 0	"	248 3 0	
				3,942 1 3	
				197 14 9	
	Sundries and superintendence	5 0 0	Cent.		
				4,140 0 0	
				300 0 0	
	Planting nanul				4,440
	<i>Total, F—Earthworks</i>				18,210
	<i>Total of MAIN CANAL AND BRANCHES</i>				56,060
	<i>Total amount of estimate</i>				

Cuddalore,
24th November 1875.

(Signed) H. R. MEAD, Major, R.E.,
District Engineer, South Arcot.

Revenue Department

No. 4770

Sd/- of [1875] Madras.

PUBLIC WORKS.

THE DISTRICT ENGINEER.
SOUTH ARCOT.
&c. &c.

Dated 30th November.

Issued

Recd. 11-12-75

Encl.

G. O., 30th November 1875, No. 3,497.

Des Miss

NOVEMBER.

Nos. 647-648

Pooniar Anicut, South Arcot.—The revised estimate of Rupees 56,060 in lieu of the approximate estimate of Rupees 50,000 for the extension and improvements to the —, sanctioned with remarks.

No. 2615

Lodged

11. Dec /75