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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2247	Press
B.P. No.		Mis.,
Dated	4-8	1957
		1875

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113

*Proceedings of the Madras Government, Public Works Department,
4th August 1875.*

No. 52.

Read the following paper :—

No. 851.

MEMORANDUM.

IN paragraph 3 of the inspection notes, dated 19th April last, on which orders were passed on the 15th instant, No. 2,011, the advisability of lengthening the Koratoor Anicut at the head of the Chembrumbaukum Tank supply channel was noticed, and it was mentioned that the Superintending Engineer had been instructed to go on with this work and to submit the estimate by the end of April. With his letter of the 22nd instant, No. 1,571, Colonel F. J. Moberly has forwarded an estimate, amounting to Rupees 10,280, for this extension.

2. The form of the new north wing will be better if altered to the dotted line shown on the plan, and a slight modification of the outer rough stone apron is desirable. The reopening of the sand vents in the body of the old work may be advantageous, as increasing the waterway in floods; but the shutters, as designed, would not be self-acting, and will not do. Either rebated horizontal planking should be used to close them, or the spaces between the abutment walls may be divided into vents of about 8 feet and hinged shutters falling down on the apron and secured, when lifted, by a catch at either end may be used. These shutters, with a little stuffing, will be fairly watertight, and can be released by merely lifting the catches.

3. This estimate will form part of the Chembrumbaukum Tank Project revised estimate now under preparation.

4. Funds will have to be asked for from the Government of India as soon as the total demands under Ordinary have been ascertained.

5. There are some items in the estimate, not large in themselves, but which have not apparently been properly looked into. Removal of ring bund should not cost an Anna a cubic yard. Either it will have to be pulled down at a cost of less than one-fourth of the rate entered, or the material should be used instead of that under extension of the anicut, for which a rate of $1\frac{3}{4}$ Annas has been entered.

OOTACAMUND,

27th July 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,

Officiating Chief Engineer.

AGRICULTURAL—ORDINARY—CAPITAL.

ABSTRACT ESTIMATE, No. 87 of 1875-76.

District, Chingleput; Taluq, Sydapet; Village, Koratoor.

Chembrumbaukum Tank.

WORK.—Extending the Koratoor Anicut.

Quantity	Description of Charges.	Rate.	Per	Amount.	Total.
	<i>Ring Bund.</i>	RS. A. P.		RS. A. P.	RS. A. P.
3,158	Cubic yards of earth conveyed an average distance of 70 yards	0 1 6	C. yd.	296 1 0	
3,158	Do. of tamping and sectioning	0 0 2	"	32 14 4	
3,158	Do. of removal of earth	0 1 0	"	197 6 0	
377	Do. of temporarily constructing and removing revetment	0 8 0	"	188 8 0	
1,590	Square yards of turfing	0 0 6	S. yd.	49 11 0	
	Total	...	...	...	764 8 4

Proceedings of the Madras Government, Public Works Department,
4th August 1875.

WORK.—Extending the Koratoor Anicut.—(Concluded.)

Quantity	Description of Charges.	Rate.	Per	Amount	Total
	<i>Extending Anicut.</i>	RS. A. P.		RS. A. P.	RS. A. P.
2,090	Cubic yards of excavation and filling sand.	0 0 9	C. yd.	97 15 6	
681	Do. of earth work conveyed from an average distance of 90 yards ...	0 1 9	"	74 7 9	
681	Do. of watering and tamping ...	0 0 3	"	10 10 3	
30	Do. of revetment with old stone ...	0 6 0	"	11 4 0	
16½	Do. of do. do. new do. ...	1 6 0	"	22 11 0	
16½	Do. of gravel backing ...	0 14 0	"	14 7 0	
386	Square yards of turving ...	0 0 6	S. yd.	12 1 0	
104	Cubic yards of removal of old masonry...	0 6 0	C. yd.	39 0 0	
148	Do. of concrete ...	2 10 0	"	388 8 0	
333	Do. of brick in chunam ...	4 0 0	"	1,332 0 0	
477	Do. of dressed laterite in chunam...	6 8 0	"	3,100 8 0	
73½	Squares of pointing laterite masonry ...	1 4 0	Sqre.	92 3 0	
13½	Do. of do. brick work ...	1 8 0	"	20 4 0	
344	Cubic yards of rough stone apron ...	1 4 0	C. yd.	430 0 0	
65½	Do. of packing old masonry ...	0 4 0	"	16 6 0	
41	Brick in chunam wells 6' outer and 4½' inner diameter, and 6' deep filled with hydraulic concrete ...	31 0 0	Each.	1,271 0 0	
30	Brick in chunam wells 4½' outer and 3' inner diameter, and 6' deep filled with hydraulic concrete ...	19 0 0	"	570 0 0	
	Baling ...			300 0 0	
	Total for extending anicut ...				7,803 5 6
	<i>Opening out old sand lets.</i>				
127	Cubic yards of removal of old masonry .	0 8 0	C. yd.	63 8 0	
54½	Do. of construction of old dressed laterite stone in chunam ...	2 2 0	"	116 5 6	
168	Cubic feet of dressed granite stones ...	2 0 0	C. ft.	336 0 0	
21	Teakwood shutters each 4' 1½" x 4' 6" complete ...	35 0 0	Each.	735 0 0	
	Total for opening out sand lets ...				1,250 13 6
	Superintendence and sundries at about 5 per cent. ...				461 4 8
	Total amount of estimate ...				10,280 0 0

No. 53. ORDER THEREON, 4th August 1875, No. 2,247.

IRRIGATION, No. 1AAA.

THE estimate of Rupees 10,280 for extending the Koratoor Anicut, Chembrumbaukum Tank Project is sanctioned,

and will form an item of the revised estimate for that project.

2. The work will be proceeded with in anticipation of an allotment of funds, which will be made as soon as the extra demands under Ordinary, Capital have been ascertained.

Proceedings of the Madras Government, Public Works Department,
4th August 1875.

3. The Superintending Engineer's attention will be given to the remarks in the foregoing memorandum.

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
" Superintending Engineer, Chingleput.
" Controller of Public Works Accounts.

Exd. E. C. Shunker.
Spare Copies

ation.

1851

Memorandum.

Issue 5. In para 2 of the inspection report dated 17th April, last on which order was passed on the 10th Instant, 1851, the advisability of lengthening the Berambant at the head of the Chumbam branch tank supply channel was noticed and it was mentioned that the Superintending Engineer had been instructed to go on with the work and to submit the estimate by the end of April. With his letter of the 22nd Instant, 1851, Colonel F. J. Moberly has forwarded an estimate amounting to Rs. 10,280 for this extension.

2. The form of the new earth wing will be better if altered to the dotted line shown on the plan, and a slight modification of the outer rough stone apron is desirable. The reopening of the sand vents in the body of the old work may be advantageous, as increasing the water way in floods but the shutters as designed would not be self acting and will not do. Either rebated horizontal plankings should be used to close them

P. W. 1875 Dept.
No. 5134

From

The Offg. Chief
Engineer

Dated 27 July
Recd. 7 Aug 1875.

S. 5. No: 851.

Memo. on Estimate
for extending the
Koratur Ancient Chem.
Mumbankum Tank
Project. ^{Coping left of the} ~~Summit~~

P. 6. 2247. 4-8-75.

N^o 2247. S.A.B.
Proceedings of the Madras Government
Under date the 4th Aug 1875.
Read the following
From the offg. Chief Eng. (H. E. No 851 of 26 July 1875)

The estimate of Rs 10,280 for extending the
Koratur Ancient Chem.
Mumbankum Tank
project, is sanctioned, and
will form an item of the
revised estimate for that
project.

2- The work will be
proceeded with in anticipation
of an allotment
of funds which will be
made as soon as the estimates
demands under Ordinary
Capital have been ascertained.

3- The Superintending
Engineer's attention will
be given to the matters
in the foregoing Memorandum.

5/34
Gt. of 11875 Madras
PUBLIC WORKS.

The Chief Engr.
for Engrs.

Drawn

Issued

Recd.

Encl.

G. O. L. Engrs. No. 2247

Nos. 52-53

Director General - Chennai
Chennai South District
Chingleput D. The Estimate
of Rs. 10280 for extending the
Sanctioned with same.

52/3

5-
6-
5-

Chngs for Engrs with Encl
Super Engr Chingleput
Conts. & Receipts

5000-18-8-75

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