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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	2003	Press
B.P. No.		Mis. ✓
Dated	28.8.1876	196

Not to be folded or roughly handled

28

Read the following papers :—

No. 5. From J. O'SHAUGHNESSY, Esq., District Engineer of Nellore, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Nellore, 7th July 1876, No. 62.

Two estimates, amounting to 1,10,400 Rupees, for raising and improving the right bank of the Pennair, were sanctioned in G.O., dated 21st September 1875, No. 2,741.

2. One estimate, amounting to Rupees 42,800, provided for the work required between the Narsimcondah Mill and the Nellore anicut.

3. The second estimate, amounting to Rupees 67,600, provided for the work between the anicut and the sea including the closing of the Mudivertipalem breach, which was estimated to cost Rupees 6,150.

4. In G.O., dated 14th October 1875, No. 2,935, the closing of the Mudivertipalem breach was ordered to be charged to Repairs, and the second estimate mentioned above was thereby reduced to Rupees 61,450.

5. The Examiner of Public Works Accounts considers it necessary to have this reduced estimate formally sanctioned by Government, and I have the honor to submit it accordingly for sanction.

6. In carrying out the work of closing the Mudivertipalem breach, the original estimate for Rupees 6,150 was found insufficient, and a revised estimate was accordingly prepared, which amounts to Rupees 7,270 ; I beg to forward this estimate also for the necessary sanction. This work was nearly completed at the end of the past official year.

116-W.

No. 5-A. Note by the Chief Engineer for Irrigation.

THE only matter requiring notice is the increase of the estimate for closing the breach in the Pennair embankment across the old course of the river near Mudivertipalem. The District Engineer has not submitted a comparative statement, but one is subjoined :—

Items.		FORMER ESTIMATE.			REVISED ESTIMATE.			Increase.	Decrease.								
		Quantity.	Rate.	Amount.	Quantity.	Rate.	Amount.										
			RS.	A.	P.		RS.	A.	P.	RS.	RS.						
Earthwork	O. Yds.	12,307	0	2	10	2,179	5	10	21,398	0	2	10	3,789	3	8	1,610	...
Puddle wall	" " "	2,373	0	11	9	1,742	10	9	2,969	0	11	9	2,173	12	0	431	...
Earthwork...	" " "	19,087	0	1	6	1,787	8	6	...	...	...	...	...	...	...	1,788	...
Turfing	" " S. Yds.	6,969	0	0	4	145	3	0	8,510	0	1	0	531	14	0	387	...
Sundries, &c.	" " "	...	...	...	...	295	3	11	...	...	...	...	78	5	9	...	217
Excavating foundation—																	
1st Yard.	C. Yd.	...	...	...	...	...	...	...	4,223	0	0	9	197	15	3	198	...
2nd	" " "	...	...	...	...	...	...	...	2,743	0	0	10	142	13	10	143	...
3rd	" " "	...	...	...	...	...	...	...	939	0	0	11	53	12	9	54	...
Filling in, &c.	" " "	...	...	...	...	...	...	...	2,672	0	0	6	83	8	0	83	...
Removal of sand in line of embankment	" " "	...	...	...	...	...	...	...	4,665	0	0	9	218	10	9	219	...
						6,150	0	0	...	...	...	...	7,270	0	0	3,125	2,005
																2,005	...
																1,120	...

*Proceedings of the Madras Government, Public Works Department,
1st August 1876. No. 1,946.*

It appears that the total quantity of earthwork of the original estimate was Cubic yards	31,374
Revised estimate, Cubic yards	36,640
Difference being $\frac{1}{4}$ in excess, Cubic yards	5,266

The puddle is very nearly $\frac{1}{4}$ th in excess of the first estimate.

The turfing is considerably in excess in quantity and has cost three times the rate originally allowed

The differences in quantity indicate a material departure from the sections on which the original estimate was based, and explanation is necessary. It is reported that the work was nearly completed on the 31st March last, and the estimate is therefore submitted to Government.

Ootacamund,
19th July 1876.

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

To the Secretary to Government, Public Works Department.

No. 6.

ORDER THEREON, 1st August 1876, No. 1,946.

IRRIGATION, No. 1.
Account.

G.O., 21st September 1875, No. 2,741.
" 14th October " 2,935.
" 29th March 1876, " 795.

WITH reference to the orders as per margin the following estimates are sanctioned:—

ORDINARY AGRICULTURAL WORKS, &c.
Original Works.

Register No. 85-I of 1876-77.
Improving south flood-bank
of Pennair from Nursimu-
kondah to anicut 42,800
Register No. 86-I of 1876-77.
Improving south flood-bank
of Pennair from anicut to the
sea 61,450
Repairs.

RS.

Register No. 87-I of 1876-77. Closing Mudivertipalem breach 7,270
The District Engineer will furnish explanation as to the cause of the great difference in quantity between the original and revised estimate for the Mudivertipalem breach and with regard to increase of rate for turfing.

These sanctions have been registered as shown above.

(True Extract.)

W. Harcourt Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Nellore.
" Collector of Nellore.
" Chief Engineer for Irrigation.
" Examiner of Public Works Accounts.
" Revenue Department.

Exd. W. H. French.

14 Spare Copies

Scrub to Engineer's Office

N^o 3400
Revenue Dept
Govt. of 1876 Madras.

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
NELLORE,
&c., &c., &c.

Dated August 1st.

Issued

Recd. *19 Aug 76* Encl.

G. O., 1st August 1876, No. 1,946.

AUGUST.

Nos. 5-6.

South flood-bank of Pennair, Nellore District.—The estimate submitted by the Chief Engineer for Irrigation for improving the —, and for closing the Mudivertipalem breach; sanctioned with remarks.

communicated to the Secy of Govt

23 August 1876

MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS