M.R.O. 1—77,006—6-6-37.

(1) Number of pages 6

(2) Date of repair 22-10-42

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2333, Press ~~Mis.~~

304—308

Dated 15—8— 1866

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 15th August 1864.

No. 304. Read the following letter from Captain J. MULLINS, R. E., Consulting Engineer for Irrigation and Canal Company, to Colonel C. A. ORR, R. E., Secretary to Government, Department Public Works, dated Madras, 5th August 1864, No. 58:—

SIR,

1. I have the honor to forward, for the sanction of Government, a Supplemental Estimate, amounting to Rupees 65,900 for the completion of the earth-works in the fourth section* of the main canal.

* 44th to 60th miles.

† Letter No. 437 of the 19th July 1864, with Agent's No. 774 of the 28th idem, herewith forwarded.

2. The Chief Engineer explains† that this additional sanction is required to the extent of Rupees 56,250, owing to the rise in the cost of labour, and for Rupees 3,659-15-8 to provide for return banks, which were omitted from the original Estimates. The remainder is for superintendence and sundries.

3. The total quantity of earth-work in the original estimate for this section is 23 lacs of cubic yards nearly; and it will be seen that on 18 lacs of cubic yards the increase of rate is considered necessary. I find from the original Estimate that the average rate was not 1 Anna and 9 Pice, as shown in the Supplemental Estimate, but 1 Anna and 4½ Pice, and though this adds to the per-centage of the increase, the increased rate will be 1 Anna and 10½ Pice instead of 2 Annas and 3 Pice as shown. The other item for bund returns is small, and though probably the rate‡ entered for it is a mistake, it may be sufficient simply to call the Chief Engineer's attention thereto. Return bunds are not generally high, and I remember no place where so high a rate would be needed.

Cubic yards 22,85,484½, Rupees 1,96,509-6-11.

‡ 2 Annas and 4 Pice.

4. My opinion is that a part of the increased cost now found necessary is due to a practice which was at one time far too common, of paying the average Estimate rate for even the easiest soil, and the top or first yard of that soil; this undoubtedly has, in many miles of the canal, stopped the works, because the contractors having obtained certain rates for easy work would not do more difficult work at the same rates, and the money left available was frequently really too small to pay fairly for work remaining to be done.

No. 305. ORDER THEREON, 15th August 1864, No. 2,333.

1. Before sanctioning this Estimate, the Government request that the Chief Engineer of the Company may be called on to furnish an explanation of the very high rate charged for earth-work, under the head of "Return Bunds," between the 51st and 53rd miles.

2. The particular attention of the Chief Engineer will also be requested to the 4th paragraph of Captain Mullins' letter.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Deputy Secretary to Government.

To the Consulting Engineer, Irrigation and Canal Company.
„ Agent for do. do.

Exd S. T. Augustin.

Circulate

2333

No. 2333

3

Before sanctioning this estimate, the Govt. request that the Chief Engineer of the Company may be called on to furnish an explanation of the very high rate charged for earth-work, under the head of ~~Bunds~~ "Return Bunds", between the 51st and 53rd miles.

The particular attention of the Chief Engineer will also be requested to the fourth paragraph of Captain Mullins letter.

W.

To The Consulting Engineer I. H. C. Co. with 2 Enclos - returned in the 20-9-64 with reference to Capt. Mullins letter No 99 of 19 Sep/64

" " Agent

Chepauk 15th Augt/64

Desp. 15th August

11th Apl. /62 No. 736. 205-206.
Copy in a Letter to England D/
13th October 1864 No. 53.

No. 304. 305

c. 10th Augt 1864 - Pr. 11th

P.W. 1864 Deptt
Pr. 43 of Govt. for Sect.
From (7) No. 3467
The Cons: Engr. I & Co.
To
The Secy. to Government
D.P.W.

Dated 5th
Re 8 } August 1864
Enc. 2

No. 2333 - 15th Augt/64.

Forwards for sanction Supplemental Estimate amounting to Rs. 65,900 for the completion of the earthworks in the 4th Section of the Main Canal

With an order.