M.R.O. 1—77,006—8-6-37.

(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. 1517. Press ~~Mis.~~

462-463.

Dated 20 - 5 - 1867.

Not to be folded or roughly handled

1

Proceedings of the Madras Government, Public Works Department, 20th May 1867.

No. 462. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Public Works Department, dated Madras, 11th May 1867, No. 10 :—

1 Letter in original from Agent.

1. I have the honour to submit, for the orders of Government, a letter, No. 102 of the 29th ultimo, from the Chief Engineer, Madras Irrigation and Canal Company, with its accompaniment from the Executive Engineer, Hindry Division, which was received with the Agent's endorsement, No. 56 of the 9th instant.

2. In this correspondence it is shown that, under the sanction for the Soonkasala anicut coping, given in Proceedings Madras Government, No. 3,157, dated 21st October 1865, twenty-five stones have been quarried and thirteen dressed, at a cost, including superintendence and sundries, of Rupees 40-6-2 per stone, the estimate rate being Rupees 10-7-2. The Chief Engineer asks permission to substitute lime-stone for granite, a contractor having offered to furnish full-sized stones, including carriage, for Rupees 10 each. At the time the estimate for the coping was prepared, it was stated* that suitable lime-stone was not procurable, and none has hitherto been brought to the anicut. However, if a quarry has since been discovered from which good limestone, not liable to laminate, can be obtained, I do not think that there will be any objection to its use in lieu of granite, especially as the Chief Engineer appears to have been unable, although some eighteen months have elapsed since the estimate was sanctioned, to arrange for the efficient management of such simple work as quarrying gneiss; in fact the superintendence and sundries alone have cost 9 Annas and 3 Pice a cubic foot, while 8 Annas a cubic foot, in the rough, is the price of Palavaram, a very much harder granite, delivered at Madras some ten miles from the quarries. I hope, however, even should the Government sanction the substitution of lime-stone for granite, the Chief Engineer will not give up the use of the latter material entirely, simply because the person hitherto placed in charge of the quarries has proved himself utterly incompetent. The Engineering staff of the Company ought to be able to get any description of work done at moderate rates, and should include, among either the officers or the subordinates, persons able to manage the details of every operation which it may be necessary to carry out during the progress of the works.

* *Vide* paragraph 4 of Chief Engineer's letter, No. 777A, 27th September 1865. One of the enclosures of this Office letter No. 97, 30th September 1865.

No. 463. ORDER THEREON, 20th May 1867, No. 1,517.

IRRIGATION, No. 27.

As the cost of quarrying gneiss is shown to be so enormously expensive, the Government have no objection to the use of limestone for the coping of the Soonkasala anicut, provided it be of the quality described, and laid in sufficiently large blocks.

(True Extract.)

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

To the Consulting Engineer for Irrigation and Canal Company, with one Enclosure.
,, Manager for do. do.

Exd. S. T. Augustin.

Consulting Engineer's Office,
Irrigation, and Canal, C°.
Madras 11th May, 1867.

No 10

From

Captain John. Mullins R.E.
Consulting Engineer I. and C.C°.

To

Colonel C. A. Orr R.E.
Secretary to Government P.W.D.

Sir

I have the honor to submit for the orders of Government a letter, N°.102 of the 29th Ultimo from the Chief Engineer Madras Irrigation and Canal Company, with its accompaniment from the Executive Engineer, Kindry Division, which was received with the Agents' endorsement N°. 56 of the 9th Instant.

2. In this correspondence it is shewn that, under the sanction for the Soonkasala Anicut Coping, given in Proceedings Madras Government, N°. 3157 dated 21st October 1865, 25 Stones have been quarried and 13 dressed, at a cost including superintendence and sundries of Rupees 40-6-2 per stone, the estimate rate being Rupees 10-7-2. The

Chief

Chief Engineer asks permission to substitute limestone for granite, a contractor having offered to furnish full sized stones, including carriage, for Rupees 10 each. At the time the estimate for the Coping was prepared, it was stated[x] that suitable limestone was not procurable, and none has hitherto been brought to the Anicut. However if a quarry has since been discovered from which good limestone, not liable to laminate, can be obtained, I do not think that there will be any objection to its use in lieu of granite, especially as the Chief Engineer appears to have been unable, although some 18 months have elapsed since the estimate was sanctioned, to arrange for the efficient management of such simple work as quarrying gneiss; in fact the Superintendence and Sundries alone have cost 9a 3p a Cubic foot, while 8 annas a Cubic foot, in the rough, is the price of Palavaram, a very much harder, granite, delivered at Madras some 10 miles from the quarries. I hope however, even should the Government sanction the substitution of limestone for granite, the Chief Engineer will not give up the use of the latter material entirely simply because the

[x] Vide para 4 of Chief Engineer's letter No. 777 A – 27th Septr. /65. One of the enclosures of this Office letter No. 97 – 30th Septr. 1865.

9-3
27
Rs 15-9-9 [illegible]

person hitherto placed in charge of the quarries has proved himself utterly incompetent. The Engineering Staff of the Company ought to be able to get any description of work done at moderate rates and should include, among either the officers or the subordinates, persons able to manage the details of every operation, which it may be necessary to carry out during the progress of the works.

I have the honor to be,
Sir,
Your most obedient servant,
[signature] Captain R.E.
Consulting Engineer I.H.C.C.

P. W. 1867 Copy
No. 10 Ins. of Govt. for Mayor
From No. 1473.

The Consulting Engineer,
I. & C. Co.

To
The Secretary to Govt.
P. W. D.

Dated 11 } May 1867
Rec. 13 }

E. 1

No. 1517. 20th May 1867.

Submits for the orders of Government letter from the Ch. Engr. with its accompaniments relative to the use of Limestone coping to the Soonkasala Anicut instead of granite coping.

Will an Order.

No. 462 - 463

C. 15th May 1867 R. 185

1517 Irrigation

No. 1517

As the cost of quarrying gneiss is shown to be so enormously expensive, the Govt. have no objection to the use of lime stone for the coping of the Soonkasala Anicut provided it be of the quality described and laid in sufficiently large blocks.

Of the quality described and
To Con. Engr. with one enclosure
To Manager

Fort St. George
20th May 1867

Despd. 21/5/67