

1046 m 20.7.86 401 c 29.1.86
 1545 m 10.6.86 722 c 4.4.86
 1279 m 2.6.86 585 c 20.3.86
 261-2 d 17.6.86 260 c 9.2.86
 255 d 16.6.86 2770 m 6.11.86
 234 d 4.6.86 585 c 18.8.86
 231 d 10.6.86 1040 m 29.7.86
 392 d 11.7.86 3059 d 13.10.86
 144 d 21.4.86 267 m 1.2.86
 483 c 5.2.86 2863

P.W.C. No 10046

B. No 28 W d 7 Supply

The Suptg. Engr's
 The Suptg. Engr's
 action is approved.
 action is approved.

num
 24.12.86

Dec
 11/57

of
from

The Suptg. Engineer
 1st Circle

of
 The Chief Engineer.
 P.W. Department

Dated 18th
 Received } December 1886.

No 1475
 E.W.

Enclosures. 1
 B. No 28 W d 7 Supply
 Water supply of Portacammund.

Duct to convey water
 from Snowdon to Marli-
 munda.

Informs that in
 anticipation of the appra-
 val of the Chief Engineer
 he has sanctioned certain
 deviations, and proposes
 deferring the prepara-
 tion of a revised esti-
 mate for the water supply
 scheme. With order

S.E. 1st Circle
 S.S. W. Circle
 6000
 7/11/86
 12/1 D.W.

No. 2617

Nilgiri Division Office.

Cotacamund, 3rd December 1861.

From

The Executive Engineer,
Nilgiri Division,
Cotacamund.

To

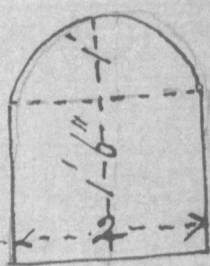
The Superintending Engineer,
IV Circle.
Coimbatore.

Sir,

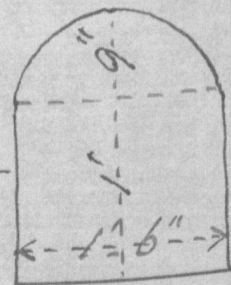
With reference to the semi-official correspondence which has passed between us and the Chief Engineer regarding the location of the duct conveying water from Snowden to Marlemund in connection with the Ooty water supply scheme, I have the honor to ask for official sanction to the alterations I have proposed in the original scheme; which alterations have been already sanctioned semi-officially.

2. The scheme as drawn up

up by Mr Larmine provided for a masonry duct of the section shown in the margin, 500 ft in length, from the end of the Snowden North Supply Channel to Marlemond Reservoir at a cost of Rs. 26000.



3. The scheme as now revised provides for continuing the Snowden North Supply Channel for a further distance of 500 ft to the verge of the Snowden House property - building a collecting basin there, to receive the supply of the North Channel and of the South Supply Channel, which will join it at this point - laying 18" cast iron pipes for a distance of 1056 ft through Snowden property, and constructing a masonry duct of the section shown in the margin from that point to Marlemond Reservoir a distance of 3900. The cost of this revised scheme will be Rs. 28,500 or an excess of Rs. 2500 on the original proposal.



4. The necessity for the revision

is twofold.

(1). The proprietor of Snowden House absolutely refuses to allow a masonry duct to be constructed through his property, because of the trees that would have to be sacrificed and because the privacy of the ground would be often invaded.

(2). Frequent gaugings have shown beyond a doubt that the supply of water from Snowden will never reach 15 cubic feet per second as anticipated by Mr Larmine, but will fall short of that amount by at least 50 per cent.

5. To obviate No. (1) pipes will be laid through the Snowden property and with regard to No. (2) a discharge of 10 cft per second instead of 15 will be provided for throughout.

6. The revision will not, I believe, cause the total estimate to exceed appreciably, because there is a provision of Rs. 2400 for widening

ing

widening the Byewash of Marlborough Reservoir which the Chief Engineer has pronounced semi-officially to be unnecessary.

7. Other items of the estimate may need revision, especially perhaps the distribution arrangements; but I cannot speak with certainty on this point until we come to them.

8. As then the alterations at present proposed do not involve excess, and as a future revision may be needed, I beg that I may be allowed to postpone the submission of the revised estimate, called for semi-officially by the Chief Engineer, until experience shows whether any further revision is required.

I have &c

(Signed) J. Taylor

Accountant

for Executive Engineer

(True Copy)

J. Beatty - Colonel R.E.

Superintendent 4th Circle.

N^o 475
E.W.

Supg Engineer's Office 4th Circle
Camp Octacamund. 18th Dec^r 1886

From

The Superintending Engineer
4th Circle

To.

The Chief Engineer
P.W. Department.

Enclosure 1

Sir,

I have the honor to forward for your information copy of a letter N^o 2617 of 3rd instant received from the Executive Engineer Nilgiris regarding certain alterations in the nature and dimensions of the duct required for conveying an additional supply of water from Snowden to Marlborough Reservoir, in connection with the City Water Supply Scheme.

2. You will observe that Mr de Winton expects the proposed work

will

will cost about Rs 2500/ more than was allowed for that item in the sanctioned estimate, but that this excess will be nearly covered by the saving effected by omitting the improvements to the Bye-wash.

3. Under these circumstances I have, in anticipation of your approval, sanctioned the deviations, and informed the Executive Engineer that he may defer submitting a revised estimate until the project is further advanced, and he is able to estimate more correctly what all the deviations necessary are likely to be and to cost.

I have the honor to be
Sir

Your most obedient Servant.

L. Beatty - Colonel R.E.
Superintending Engineer 4th Circle