(1) பக்கங்களின் எண்ணிக்கை 14

(2) புதுக்கித் திருப்பிய நாள் 3/90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PW-D துறை

17

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 3432-33 அச்சகம் பலவகை

நாள் : 3- 12- 1889 19

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

7 sheets

6 sheets சரிபார்க்கப்பட்டது
(6 Blank sheet)

ஆவண கா-1—18,000—15-6-87.

P.W.D.

3432-33

Letter from Mr J.C. Laramie, Ex. Engr., of 22.11.89, regarding the Bangalore Water-supply project (Current No 11148).

—

For orders.

Rivett
27.11.89
W

The matter is now beyond our control, & before the Govt of India for orders. I see no objection to forwarding Govt Laramie's letter to that Govt in continuation of our last letter.

RLO
28/Nov.

Gen

Bangalore Water Supply

For Orders

Hlw 27/11/89
A 29/-

Madras 22nd November 1889

From

J. G. Lawrence Esqre
Executive Engineer. P. W. D.

3432-33

To

The Joint Secretary
to Government. P. W. D.

Sir,

Although, with the submission of the report and estimates, for the various schemes for the water supply of Bangalore in March last, my duties connected therewith, then terminated, still, I may be permitted to now invite attention to the subject and to offer the few following remarks.—

(2). The question has been under consideration for over twenty five years and the great necessity for an improved water supply is still as urgent as ever.—

(3). Just now of course, after recent heavy rains, there may be no very pressing demands for water, but during the past hot season, I believe, water was exceedingly scarce and the station was unexceptionally unhealthy and much sickness and several deaths

3 occurred

occurred amongst the troops and resident Europeans.—

(4). The beginning of the dry season is again at hand, when if another twelve months is not to be lost, the works should shortly be started, especially those connected with the storage reservoir (all the other subsidiary works could of course be carried on at any time) and it is to this point, that I would specially invite attention and suggest that the above circumstances might be brought to the notice of the Supreme Government, to whom the Report & Estimates were submitted on the 18th May last, with your letter No. 1327. W.

(5). I have recently quite incidentally learnt that, the Report & Estimates are still in the Military Department and with reference to the share of cost to be borne by that Department, the following considerations may not be considered out of place.—

(6). The estimate recommended for sanction amounts to Rs. 7,05,634, this is for the combined supply to a Native population of 1,00,000 & 5,000 Europeans, of whom about 2,000 belong to the Garrison, so the latter are only about $\frac{1}{50}$ of the whole, consequently, the Garrison interest in the scheme, though very important, is from this point of view, quite insignificant.— 34 32 33

(7). Several ways, how the Military share might be adjusted, suggest themselves.

(8). The first is. were a separate scheme carried out for the supply of the Garrison alone, the cost would be (vide report) Rs. 2,34,130, ~~and~~ the annual working expenses Rs. 20,000 & the consequent cost of the water delivered Rs. 0-14-0 per 1000 Gallons.—

(9). But— Should a scheme for a combined supply be carried out, how much more favorable become the terms under which the troops could procure their requirements.—

(10). The cost would then be only Rs. 0-4-5 per 1000 Gallons, so it would be greatly to the advantage of the Military Department, to contribute towards the carrying out of a combined supply, to both the Cantonment & Garrison, the amount it would cost them for a scheme, for the latter alone,

Say

say Rs. 2,30,000.—

(11). With the combined supply the annual charge at Rs.° 0-4-5 per 1000 Gallons for 60,000 Gallons daily, (the required quantity) would be say Rs. 6,000, against Rs. 20,000 the cost of working a Garrison scheme. (the present annual cost for a most impure and contaminated supply is Rs. 48,000* so the urgency for an early improvement is very apparent.)

° Interest and Depreciation included

* Interest & depreciation are included

* Includes Interest &c. vide para 78 of Report

(12). However - it may be considered that that the foregoing sum (Rs. 2,30,000) is too high a proportion, of the total estimated cost, i.e $\frac{2,30,000}{7,05,634}$ or $\frac{1}{3}$ nearly, to debit to the Military Department.—

(13). By taking the ratio of water supplied for the troops, to the total supply ⊗ $\frac{3.65}{40}$ or $\frac{1}{11}^{th}$ the share would be Rs. 64,000, far too small a price for the benefits to be derived.

⊗ Millions of cub ft. per annum

(14). The ratio of number of troops to total population would give a considerably lower sum, so the proportion first indicated (para 8) seems most reasonable.

(15). As however, there is a European Civil population increasing yearly, the proportion to be paid from

from Military Funds might be reduced to say, two Lakhs (Rs. 2,00,000). It should, however, in considering the question, be remembered that, the welfare of the Garrison, is indirectly, to a great extent combined with that of the Civil population of the Cantonment

(16). Regarding provision of the balance of the Estimate, I am convinced that, to insure a satisfactory & speedy settlement of the question it should be conclusively dealt with by Government, if at all possible, by their lending the money to the Municipality on the security of the low rate required to pay working Expenses, which (vide report) include interest, depreciation, &c.

(17). In conclusion, should the Project be sanctioned, more especially, the one recommended by the Madras Govt. (suggested by myself), I would respectfully submit my claim to the Executive Supervision of the work, now a days, — particularly in Madras, the chances of a P. W. Engineer, carrying out any considerable Scheme, ab initio, are few & far between

So

So that, when an opportunity does present itself how disheartening will it not be? should the chance be given to another? I therefore trust, that Government may be favorably disposed to support my claim.—

I have the honor to be
Sir
Your most obedient Servant
J C Rennie
Executive Engineer
P. W. D.
22/11/89

PS As when employed on the water supply investigation, I was directly under the orders of the Chief Engr & as the subject has no connection with any Local Circle, I submit this letter direct & not thro' the Secy. P. W. Dept. JCR

Sheet no (6)
Blank Sheet.

3432-33

1889.

P. W. DEPARTMENT.

Current No. 1145

3432-33

From J. C. Lamminie Esqr
Executive Engineer
P.W. Dept

ENCLOS.—

No.

Dated 22nd Nov. 1889.

Received 23. 11. 89.

SUBJECT.

Bangalore Water Supply.

Forwarding certain remarks with regard to the —— &c—

15-4 W
15-2 W

DISPOSAL.

No. 3432/3433 Dated 3rd December 1889

(7)

Send H.S. for order
Rueld 29.11.89

No 2292-35 a/10.9.88.
" 1924 W a/18.7.87
" 2880 W a/20.10.87
" 2940-41 W a/5.11.87
" 1107 W a/13.4.88
" 409 S a/13.7.88
" 479 a/14.7.88 Pol
" 2147-48 W a/16.7.88 Orig
" 5663/a a/22.8.88
" 567 S a/22.8.88
" 1222-3 C a/9.3.89
" 1450 C a/20.3.89
" 1620 C a/27.3.89
" 968 W a/3.4.89
" 195 S a/8.4.89
" 1326-7 W a/18.5.89 Orig
" 1682-3 W a/27.6.89 Orig

No. 3432/3433 W d/3rd December 1889

B
Forwarded

Ordered to be forwarded to the Govt. of India Military Dept. for consideration, in continuation of letter No. 1327 W d/18 May 1889, and endorsement No. 1683 W d/27 June 1889.

H.S. No. 3433 W d/3rd December 1889 forwarded

3/12/89 Rueld 29.11.89
To J. C. Lamminie Esqr Exec. Engr. Bangalore
Copy forwarded