

- (1) பக்கங்களின் எண்ணிக்கை 6
 (2) புதுக்கித் திருப்பிய நாள் 1/9/19
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 107

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

90

அரசாணை எண். மு. கோப்புத் தாள் எண். 1217	அச்சகம் பலவகை
நாள் : 12-4-1892	198 .

மடிக்கலோ கண்டபடி கையாளலோ கூடாது

3 sheets

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ஆவணக் காப்பகம் - 18,006 - 15-6-87.

12

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

Cantonments—Water-Supply.

Read the following papers:—

No. 84. From Major-Genl. E. H. H. COLLEN, C.I.E., Secretary to the Government of India, Military Department, to Brigdr.-Genl. H. R. HOPE, Secretary to the Government of Madras, Military Department; dated Fort William, the 30th January 1892, No. 309-MW.

Cantonments—Water-Supply.

I am directed to acknowledge the receipt of your telegram No. 424, dated 21st January 1892, stating that a provision of Rs. 20,061, on account of initial expenditure in connection with the proposed scheme for the supply of water to the troops at Trichinopoly, and of Rs. 1,327 on account of annual expenditure, will be necessary in the budget estimates for 1892-93.

2. In reply I am to state, for the information of His Excellency the Governor in Council, that, as the Government of India have not yet been furnished with information as to the details of the scheme, they are unable to agree to any contribution either to the capital cost or to the annual maintenance and working charges.

3. I am accordingly to request that, under his Excellency's orders, the report and plans promised in para. 4 of your letter No. 4808, dated 28th August 1891, may be forwarded for the information of the Government of India.

No. 996.

Forwarded to the Public Works Department, with reference to O.G., 2822-W, dated 26th October 1891, with the request that the report and plans showing the exact nature of the arrangements proposed for the supply of water to the Native troops at Trichinopoly, called for in the Proceedings of Government noted in the margin, may be expedited.

(By Order.)

FORT ST. GEORGE,
11th February 1892.

To the Public Works Department.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

No. 85. From Major-Genl. E. H. H. COLLEN, C.I.E., Secretary to the Government of India, Military Department, to Brigdr.-Genl. H. R. HOPE, Secretary to the Government of Madras, Military Department; dated Fort William, the 23rd February 1892, No. 550-MW.

Cantonments—Water-Supply.

I am directed to acknowledge the receipt of your letter No. 699, dated 1st February 1892, relative to the scheme for the water-supply of Trichinopoly and requesting that provision to the extent shown in the margin may be made on account of the supply to the troops located at that station.

2. In reply I am to state, for the information of the Governor in Council, that the Government of India are unable to agree to share the cost of a scheme regarding which they have no detailed information, and I am accordingly to ask that, as

requested in the Military Department No. 309-MW, dated 30th January 1892, the Government of India may, under His Excellency's orders, be furnished with a report and any necessary plans showing the nature of the scheme which has been approved by the Government of Madras.

No. 86. *Proceedings of the Madras Government in the Public Works Department; dated 29th February 1892, No. 1054-C.*

Read the following:—

Letter from the Superintending Engineer, VI Circle, dated 19th February 1892, No. 1696-TC.

With reference to G.O., No. 2998-W, dated 13th November 1890, and subsequent correspondence ending with G.O. No. 450-W, dated 12th February 1892, I have the honour to retransmit the plans, &c., as per margin, connected with the water-supply, Trichinopoly.

- 1 Executive Engineer's report.
- 1 General plan of Trichinopoly.
- 1 Section of hydraulic gradients.
- 1 Plan of Engine house.
- 1 Plan of infiltration gallery.
- 1 Enlarged plan of proposed site of Engine house.
- 1 Tracing plan showing water-supply to sepoy lines at Trichinopoly.

2. I enclose the report of the Executive Engineer on the subject of the supply to the two Military lines.

3. The project insures an ample supply to both the lines, and the proportionate cost is fairly made out by the

Sanitary Engineer. His report and estimate are sufficiently comprehensive and I see nothing further to be added to the requirements for the Military lines.

REPORT showing the exact nature of the arrangements proposed for the supply of water to the Native troops at Trichinopoly.

In the scheme of water-supply for the town of Trichinopoly sanctioned by the Madras Government in G.O. No. 1151-M, Local and Municipal, dated 24th July 1891, provision is made for the supply of water to the "North" and "South" Native Infantry lines now occupied by the 1st Madras Pioneers and the 3rd Regiment, Madras Light Infantry, respectively.

The source of water-supply is the sandy bed of the Cauvery river in which a filtration gallery is to be constructed at a point sufficiently high up the river above Trichinopoly to secure pure water.

From the filtration gallery will run a main which will be connected to the pumps at the pumping station.

The water will not be visible from the time it leaves the Cauvery bed until it reaches the consumer.

The main will convey 21,000 gallons in 12 hours for the sepoy lines (3rd Regiment, Light Infantry) beyond the Railway station. It will also convey a supply of 21,000 gallons in 12 hours to the sepoy lines near the road to Tanjore—now occupied by the 1st Pioneers—and by additional pumping, the scheme will supply 80,000 gallons to the two sets of lines, if necessary. Fountains, sluice, valves, &c., will be provided at the positions as shown on the plans, and sufficient number of hydrants, &c., are also provided.

The shares of cost of the scheme which the Military Department is called upon to pay for the two sepoy lines stand as follow:—

	RS.
Infiltration works	...
Engine and boiler house	...
Engines, boilers and pumps	...
Pipes	...
Valves and fountains	...
Laying pipes	...

Contingencies including establishment at 12½ per cent. ...

25,679

3,321

29,000

(Signed) R. THOMPSON, Col., R.E.,
Executive Engineer, Trichinopoly Division.

18th February 1892.

No. 1054-C, Public Works.

Copy of the Superintending Engineer's letter, with the report and tracings, forwarded to the Military Department, with reference to its endorsement No. 996, dated 11th February 1892, herewith returned as requested.

2. The report and plans have not been countersigned by the Chairman, Municipal Council, as required by para. 3 of G.O., No. 2998-W, dated 13th November 1890, but as the execution of the work has since been transferred to the Sanitary Engineer, this is not now necessary. The documents have been examined in this office and appear to meet the requirements of the Government of India.

3. The original plans will be returned to the Superintending Engineer, VI Circle.

(By Order.)

29th February 1892.

(Signed)

O. V. BODDY, Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Military Department, with report and tracing,
and endorsement No. 996 of 1892.

No. 1507.

Referred to the Local and Municipal Department for any remarks the Sanitary Engineer may wish to offer, with advertence to Proceedings of Government, No. 2113-M, dated 30th November 1891, in which the military contribution was fixed at a lower rate than that mentioned in these papers.

(By Order.)

FORT ST. GEORGE,
4th March 1892.

(Signed)

H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Local and Municipal Department, with plan.

No. 210.

Forwarded to the Sanitary Engineer.

(By Order.)

FORT ST. GEORGE,
10th March 1892.

(Signed)

N. S. BRODIE,
Ag. Under-Secretary.

To the Sanitary Engineer, with plan.

No. 87. *From J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E., Sanitary Engineer to Government, to the Chief Secretary to Government, Local and Municipal Department; dated Fort St. George, 11th March 1892, No. 404.*

With reference to your endorsement, No. 210 of the 10th instant, forwarding, for remarks, Proceedings of Public Works Department regarding the scheme for the supply of water to the troops at Trichinopoly, I have the honour to inform you that the figures quoted in Colonel Ross Thompson's report which accompanied letter from the Superintending Engineer, VI Circle, No. 16963-C, dated 19th February 1892, are incorrect; the figures should be as follow and these are in accordance with those in the estimate finally approved by Government—vide G.O., No. 2113, Local and Municipal, dated 30th November 1891, Appendix I (1).

MILITARY DEPARTMENT, 6TH APRIL 1892, No. 2313.

Infiltration works ...	...	...	...	...	...	...	RS.
Engine and boiler house—							1,069
Main	...	...	...	...	...	...	1,817
Subsidiary	...	...	...	...	...	...	513
Engines and pumps—							
Main	...	...	...	...	...	...	3,000
Subsidiary	...	...	...	...	...	...	930
Pipes	...	...	...	...	...	...	8,700
Valves and fountains	...	...	...	...	...	...	740
Laying pipes	...	...	...	...	...	...	1,063
							17,832
Contingencies at 12½ per cent.	...						2,229
Total	...						20,061

No. 229.

Transferred to the Military Department.

FORT ST. GEORGE,
17th March 1892.(Signed) N. S. BRODIE,
Acting Under-Secretary.

To the Military Department, with map.

No. 88.

ORDER THEREON, 6th April 1892, No. 2313.

Ordered that the foregoing correspondence from the Public Works Department and the Local and Municipal Department be forwarded to the Government of India.

No. 89.

To the Secretary to the Government of India, Military Department;
dated 6th April 1892, No. 2314.

(True Extract.)

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Quarter Master General,

" Public Works Department.
" Local and Municipal Department.
" Controller of Military Accounts.

Exd. T. K. Narayana Aiyangar.

1217
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Govt. of {1892} Madras.
MILITARY.

To
THE QUARTER MASTER GENERAL,
&c., &c., &c.

Dated April, 6th.

Issued

Recd.

Encl.

G.O., 6th April 1892, No. 2313.

APRIL.
Nos. 84-89.

Cantonments—Water-Supply.

Trichinopoly.—Correspondence embodying the report of the Executive Engineer, Trichinopoly Division, showing the exact nature of the arrangements proposed for the supply of water to the lines of the Native Infantry garrison at —, forwarded, with remarks, to the Government of India.



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SE VI Serial

No. 1217 Waj 12 April '92

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