Local & Munl. (1897) Department.

PRINTED.

G.O., No. 1916 m

DATED 9-9-97

INDEXED.

DESPATCHED

[Despatch Abstract.]

Conjeeveram water works

Sanctioning, with remark, the revised Estimate for the ——— submitted by the Sanitary Board.

Chairman.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Government {1897} of Madras.

LOCAL AND MUNICIPAL.

Recd. } 1897. *Enclosures*

Regd. *Spare copies*

G.O., No. 1916 M., 1st September 1897.

SEPTEMBER.

Conjeevaram Water-works.

Sanctioning, with remark, the revised estimate for the — submitted by the Sanitary Board.

to Government

Chairman.

GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

Read—the following paper :—

From J. A. JONES, Esq., mem. inst. c.e., f.r.s.e., Sanitary Engineer to Government, to the Secretary to Government, Local and Municipal Department (through the Secretary, Sanitary Board, Madras), dated Fort St. George, 15th July 1897, No. 1222.

I have the honour to inform you that the water-works for Conjeeveram are approaching completion according to the estimate sanctioned in G.O., No. 951 M., dated 7th June 1895.

2. It is found that there will be a saving on the estimate amounting to Rupees 51,431–2–7.

3. The items by which this saving has accrued are shown in a statement (A) accompanying this letter, and the following remarks are necessary in regard to the larger items, the smaller being due to favourable tenders.

(I) *Supply and delivery of pipes.*—This saving of Rs. 20,627–15–2 is also due to favourable contract rates for pipes, &c., the rate per ton having been Rs. 91 against Rs. 107 in estimate.

(II) *Laying and jointing pipes, &c.*—Saving Rs. 4,374–5–11. This is wholly due to favourable contract rates.

(III) *Tools and plant.*—Rs. 5,190–7–1. Very little special plant was required as all the work was done by contract.

(IV) *Establishment and office contingencies.*—Saving Rs. 9,841–9–5. This is due to the works having been in charge of a Supervisor instead of an Assistant Engineer and to their having been completed in a shorter time than anticipated.

(V) *Contingencies.*—Saving Rs. 11,179. No difficulties occurred in carrying out the work and no extra or additional work in reference to those works estimated for was required.

4. Since it became obvious that there would be a large saving on the sanctioned estimate, I have been in communication with the Municipal Council of Conjeeveram as to the manner in which the funds remaining in their hands should be utilized, and it was decided (1) that, in order to decrease pumping charges and keep pressure on the pipes at night without pumping, there should be a service reservoir erected on the highest part of the town and (2) that the remainder of the money should be devoted to laying additional branch pipes and fountains.

5. An estimate has now been prepared for these works which will cost an amount equal to the savings made and the original estimated amount will thus be spent, but not exceeded. Provision has also been made in the estimate for fencing the pumping station, for which the originally estimated amount has been found insufficient.

6. The service reservoir is proposed to be erected close to Sengalaneir Oddai street at its highest point (*vide* plan accompanying) on land to be acquired and at present occupied by some mud huts. A design for this reservoir accompanies this letter; the reservoir will contain about 187,500 gallons, a day's supply at 10 gallons per head for the increased population of 56,000, being 560,000 gallons and at 15 gallons per head 840,000 gallons; it is of sufficient capacity to do away with the necessity for night pumping as only from 140,000 to 210,000 gallons are required

during that period; the larger amount will be required only when there are 56,000 people using 15 gallons per head, but at present there are only 42,000 people using about 372,000 gallons during the 13½ hours of pumping and no pumping is done at night.

7. The estimated cost of the reservoir, details of which will be found in the estimate accompanying, is Rs. 21,300.

8. The pipe laying proposed, except that in connection with the reservoir, consists in all cases of 3″ pipes being merely branches from existing mains and fountains, all as detailed in the accompanying table (B). The situation of these new fountains was selected from lists furnished by the municipal council.

9. The cost of these works with a provision for tools and plant and establishment and office contingencies (it being proposed that in this case this department should complete the scheme) amounts to Rs. 51,431–2–7, the amount of saving on the estimate.

10. No funds are therefore required from Government, and as the works are simply an extension of what is already done, there are no sanitary questions arising.

11. The municipal council are very anxious that the works should be continued now and wished me to proceed in anticipation of sanction, but this I thought it best not to do. I enclose the Chairman's letter No. 793-M., dated 9th July 1897, in reference to this proposal.

12. I request therefore that Government will be pleased to pass early orders on the matter.

Enclosure.

From M.R.Ry. N. VENKATAPATHI NAYUDU Garu, Chairman, Municipal Council, Conjeeveram, to the Sanitary Engineer to Government, Madras, dated 9th July 1897, Cur. No. 793-M.

The use of the water from the tanks in the town, to which impurities of backyards of houses and streets drain into during the rains, was considered to be the chief cause for the outbreak of cholera and the council was therefore obliged to prohibit the use of the water therefrom for drinking purposes.

Though the disease is imported into the town by travellers and other pilgrims, the use of the pipe water since few months rendered the disease less severe and the public therefore use the water more freely.

There are in all 62 fountains established and more are needed to meet the wants of the people. If the additional fountains requested by the council to be established be taken on hand at an early date, it will add to the comfort of the people and to putting down the disease in a great measure. At present there are cries in parts where the fountains are situated at some distances.

Under these circumstances, I beg you will be good enough to obtain the sanction of Government to commence with the extension at an early date, or, if there be no objection, to put the work on hand in anticipation of sanction.

Endt. No. 1222.

Submitted to Government with the remark that, in the opinion of the Sanitary Board, the water distribution will be much improved by the works now proposed by the Sanitary Engineer. The expenditure is accordingly recommended for sanction.

(By Order.)

(Signed) R. PARSONS,
Secretary, Sanitary Board.

Order—No. 1916 M., dated 1st September 1897.

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(True Extract.)

G. S. FORBES,
Secretary to Government.

To the Chairman, Municipal Council, Conjeeveram.
" Collector of Chingleput.
" Sanitary Board.
" Sanitary Engineer, with plans and estimates.
" Public Works Department.
Editors' Table.

Ex^d. T. Seetharam.

Proof 6/9/97

Government {1897} of Madras.

LOCAL AND MUNICIPAL.

Proof for approval.

Press
Strike off as revised

Recd.	1897.	*Enclosures*
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G.O., No. 1916 M., 1st September 1897.

SEPTEMBER.

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ENCLOSURE.

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To the Secretary to Government,
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" Public Works Department.
Editors' Table.

Sanitary Board

Exd. P. Seetharam.

Local & Munl. (1897) Department.

CURRENT No. 2821/M

From

The Secretary,
Sanitary Board.

P.S.
Order.
No. 1916 M., dt. 1.9.97.

No. 553 S.

The revised estimates submitted by the Sanitary Engineer are sanctioned.

Dated 3rd August 1897.

2. As the water works for Conjeeveram have been executed by the Sanitary Engineer, the proposed additions and extension should also be carried out by him

Received 4 AUG. 1897
Registered 4-8-1897
Enclosures 1 (2 plans)
Spare copies

SUBJECT.

Conjeeveram Water Works

Submitting revised estimates for ____ prepared by the Sanitary Engineer with the recommendation that it may be sanctioned.

To the Chairman Mpl. Conjeeveram. ✓
" the Collector of Chingleput. ✓
" Sanitary Engineer with plans & estimate ✓3
Public Works department ✓9
Editors' Table.

Dept-1619(97)

to Government

Chairman.

BACK PAPERS.

G.O.	No.	Department.	Date.
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"	1602	h	9-9-96
"	1669	h	18-10-95
"	951	h	7-6-95

FURTHER PAPERS.

G.O.	No.	Department.	Date.

S. E. C. 1,000—8-3-97.

18

No. 1222

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,

Fort St. George, 15 July 1897.

From

J. A. JONES, ESQ., MEM. INST. C.E., F.R.S.E.,

SANITARY ENGINEER TO GOVERNMENT.

To

The Secretary to Government,

Local and Municipal Department,

Through The Secretary, Sanitary Board, Madras.

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Sir,

Your most obedient servant,

Sanitary Engineer to Government.

to Government

Chairman.

them having been completed in a short [illegible]

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1/2821 Mof 1897

Municipal Office, Conjeeveram.

Cur:No. 793/m of 97. 9th. July 1897.

38

From

M.R.Ry N.Venkatapathi Naidu Garu,

Chairman,Municipal Council, Conjeeveram.

To

The Sanitary Engineer to Covernment,

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(sd) N.Venkatapathy

Chairman.

(True Copy)

Sanitary Engineer
to Government

LCB/ks

them having been completed in a shorter time than anticipated.

[illegible] No difficulties

Enclosure to letter No. 1222 7

6
5th July 97

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2821 10th Aug 97

Order complete 52

Government of Madras
Sanitary Board Office.

No. 553 S. dated 3rd August 1897.

IX

Endorsement

LOCAL & MUNICIPAL DEPT.
2821 M

From the Sanitary Engineer to Government,
No. 1222 dated 15th July 1897.

Submitted to Government with the remark that in the opinion of the Sanitary Board, the water distribution will be much improved by the works now proposed by the Sanitary Engineer. The expenditure is accordingly recommended for Sanction.

(By Order)
R. Parson
Secretary, Sanitary Board.

To The Secretary to Government,
Local & Municipal Dept.
with papers in original

then having been completed in a shorter time than anticipated.

st copy sent to Press. 4-9-97

turned signature. 15-9-97

spatched in Print. 16-9-97

6

NUMBER OF COPIES REQUIRED. { Order complete. 50 / Letter only. / Order complete with Letter.

DATED.

AGAIN G.O. No. 182

28212. (A)

RRENT No.

ENCLOSURES TO C. No. 28212 6 + 7. (A)

Prem: Please show page 12R

ORDER OF GOVERNMENT .. .. .. (A)

3/7/52

LETTER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED UP BEING MEANT FOR DESPATCH IN ORIGINAL.

N.B.—

A = Print in full.
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