

Local & Munl. (1899) Department.

MISCELLANEOUS.

G.O., No. 1563 M

DATED 26-10-99.

[Despatch Abstract.]

Vizagapatam Water-Supply Scheme.

Communicating to the Honble. Member
of Vizagapatam, with remarks, L.D. P.W.D. have
troung with remarks, the revised estimate
amounting to Rs. 4,35,000 for the

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	2665	h/00					

[L. & M.]
250-10-12-98

LOCAL AND MUNICIPAL DEPARTMENT.

Papers to be read in proceedings:—

Again G.O., No.

dated

189

Again G.O., No.

dated

189

Current No. 2324^m of 1899, dated 18th August 99, from the P. W. Deptt.

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" 189

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" 189

Misc

ORDER. No. 1563 Muni 24-10-99

Communicated to the Municipal Council of Vijayapattam.

2. A moiety of the extra cost of the scheme amounting to Rs 14000, will be paid as a grant from Provincial funds and the balance will be advanced as a loan on the usual terms. The necessary provision will be made in the Budget Estimate of Provincial grants and loans for 1900-1901, and the Municipal Council is requested to submit an application for the loan in the prescribed form ~~on or~~ after the 31st March 1900.

(From order)

V.R.
18/10/99

22/10/99

To The Chairman, M.C. Vijayapattam
Thru the Collector.

state of its finances, the Municipal

BACK PAPERS.

LOCAL AND MUNICIPAL DEPARTMENT.

Again G.O., No.

, dated

189

Current No.

2324m

of 1899, dated

18th August 99

from the

Public Works Dept.

Current No.

of 1899, dated

from the

SUBJECT.

Revised Estimate of the Vizagapatnam Water Supply Scheme.

FOR ORDERS.

B.

In G.O. No. 2217, dated 11th January 1897, a scheme for the water supply of Vizagapatnam estimated to cost Rs. 4,21,000 was sanctioned and the Govt. undertook to pay a moiety of the cost as a grant from Provincial funds and to advance the balance on the usual terms. A revised estimate amounting to Rs. 4,35,000 has been sanctioned by the Public Works Department in G.O. No. 2217, dated 18th August 99, and the Municipal Council has to find the difference between the two estimates viz. Rs. 14,000. The year 1898-99 has closed with a deficit of Rs. 24,001, owing mainly to the unsatisfactory state of the collection of taxes and it is unlikely that in the present state of its finances, the Municipal Council will be able to find the balance.

C.

The Municipal Council has to find the difference between the two estimates viz. Rs. 14,000. The year 1898-99 has closed with a deficit of Rs. 24,001, owing mainly to the unsatisfactory state of the collection of taxes and it is unlikely that in the present state of its finances, the Municipal Council will be able to find the balance.

Vide para. 5 of G.O. No. 1356m, dated 16-9-99.

D.

BACK PAPERS.

the additional funds now required
of its Current revenues. It is there-
Submitted that half of this
a Cat may be given as a grant and
balance may be advanced as a loan,
was done in the case of the original
estimate. If this is approved, the
necessary provision may be entered
the estimate of Provincial grants and
same for 1900 - 1901.

V.A. 7/10/99 The same may be said that
the sum over to what appears

should be divided in the same way
as the original sum

The Com. is the same referring
to state of the municipality as I had
a wire from the Chairman a
few days ago on the subject. The
matter of the Municipality's
of its financial state that has
dealt with the subject.

The same may be said that
the sum over to what appears

The same may be said that
the sum over to what appears

yes
no
12. 10. 99
13. 10. 99

BUILDINGS AND ROADS.
CIVIL WORKS.

Government (1899) of Madras. PUBLIC WORKS.

LOCAL & MUNICIPAL DEPT.

CURRENT No. 2324 M

Recd. 1st Sept. }
Regd. 2nd — } 1899.

Enclosures nil
Spare copies 6

G.O., No. 2217 W., 18th August 1899.

AUGUST.

Vizagapatam Water-supply Scheme

The revised estimate, amounting to Rs. 4,35,000, for the —, sanctioned with
remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.

Civil Works.

READ—the following papers:—

From W. C. DEMORGAN, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Waltair, 23rd June 1899, No. 835 V.Z.

With reference to your memo. No. 156 D., dated 9th May last, I have the honour to submit, herewith, a revised estimate, amounting to Rs. 4,27,900, for Vizagapatam water-works, with a note, for your approval and sanction.

2. The necessity for revision is explained in the report accompanying the estimate.

Note by the Chief Engineer, Public Works Department.

With his letter No. 835 V.Z., dated 23rd June 1899, the Superintending Engineer, I Circle, submits a revised estimate, amounting to Rs. 4,27,900, for the water-supply scheme for the town of Vizagapatam.

2. The original estimate sanctioned for the work amounted to Rs. 4,21,000; but owing to a clerical error in calculating the cost of cast iron pipes in the delivery main from the filters, it should be increased by Rs. 9,288 or Rs. 9,300, bringing the total to Rs. 4,30,300. The amount of the revised estimate, viz., Rs. 4,27,900, is thus practically within the original estimate.

3. Taking the figures as they stand, the revised estimate exceeds the original by Rs. 6,900* or 1.64 per cent., and this excess may be grouped under the following main heads:—

* Rs. 4,27,900 — 4,21,000 = 6,900.

	Increase.	Decrease.
	RS.	RS.
(a) Increase in rates	7,428	...
(b) Deviation in design	...	19,853
(c) Errors and omissions	17,992	...
(d) Deviations in materials of construction	2,080	...
(e) Petty charges	178	...
(f) Insufficient provision in original estimate	4,800	...
(g) Savings	...	5,685
Total	31,938	25,038
Net excess	Rs. 6,900	

Item (a).—The excess under this head is made up of a number of items and is stated to be unavoidable owing to the original rates having been entered by the Sanitary Engineer from the divisional schedule of 1888-89, which differs in a great degree from that of the present years; also to the unhealthiness of the locality where fever is always prevalent and to several outbreaks of cholera.

Item (b).—The decrease under this head is mainly due to the alteration of the site of weir, whereby heavy excavation of surplus channel was saved, to change of design for the collecting reservoir, tower and overbridge and filter beds, and to reduction in length of cast iron piping owing to deviation in its alignment.

Item (c).—This is attributed chiefly to the omission of the following items:—

- (1) Drains in rear slope of bund in collecting reservoir.
- (2) Compensation for land.
- (3) Quarry fee on materials.
- (4) Scour pipes in conduit.
- (5) Roughstone drains under foundations of filters to carry off spring water.
- (6) Fencing with Morton's wire fence round the filter beds and service reservoir.

Item (d).—The important deviations under this head are—

- (1) Dry roughstone packing altered to roughstone in surki mortar for wave-wash wall along the bund of the collecting reservoir.
- (2) Rough stone in surki substituted for brick in surki.
- (3) Concrete flow for rough stone in apron and surki pointing for chunam plastering for the surplus weir.
- (4) Concrete in surki mortar for concrete in cement.
- (5) Rough stone in surki for brickwork in cement for the tower and over-bridge.
- (6) Rough stone in surki for brick work in surki for filter beds, conduit for outlet pipe, chambers in Gill's arrangement and service reservoir.

Item (e) is due to ordinary petty charges.

Item (f).—This excess is ascribed to insufficient provision for clearing vegetation and turf from the bed of storage reservoir and to the items of tools and plant and contingencies.

Item (g) represents savings on the following:—

- (1) Removing villages.
- (2) Removing the soil of the inhabited parts of the village.
- (3) Diversion of the road.

4. The rate allowed for earthwork in the original estimate was Rs. 15 per 1,000 cubic feet, while in the revised estimate now submitted it has been reduced to Rs. 11 which is the schedule rate. In consideration of the contractor's difficulties and losses detailed in paragraph 15 of the report, the Executive Engineer proposes that the contractor be allowed a compensation of 25 per cent. on the earthwork, i.e., that the revised rate be raised from Rs. 11 to Rs. 13-12-0, or that the total amount for earthwork in the revised estimate be increased by Rs. 7,128. This proposal is supported by the Superintending Engineer. I recommend that the concession be allowed and the revised estimate passed for Rs. 4,27,900 + Rs. 7,128, or Rs. 4,35,000 in round figures.

(Signed) W. B. DEWINTON,
Chief Engineer.

10th August 1899.

ORDER—No. 2217 W., dated 18th August 1899.

The recommendation of the Chief Engineer in the concluding paragraph of his note read above is accepted, and the revised estimate for the Vizagapatam water-supply scheme is sanctioned for Rs. 4,35,000.

2. The original estimate of Rs. 4,21,000 sanctioned in G.O., No. 22 M., dated 11th January 1897 (G.O., No. 363 W., dated 5th February 1897), is cancelled.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, I Circle, with 135 enclosures.

" Examiner, Public Works Accounts.

" Local and Municipal Department.

Ed. T. K. Narayana Aiyangar.

When given for copying _____
When copied _____ } 189
When examined _____
When signed 26/10

READ AGAIN G.O., No. _____, DATED
189 .

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.B.—
A = Copy in full.
B = Not to be copied
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