

Public Works (189) Department.

Print over

G.O., No. 3133 *W*

DATED 2nd December.
~~Nov~~ '89

[Despatch Abstract.]

Silt Clearance. The revised estimate of Rs 6970 for clearing silt in the salt creek below the tidal lock at Masulipatam and for reclaiming the foreshore on the left side of the creek below the end of the wharf at that place, sanctioned

100/-
4/-

TB
CS *22/12*

The revised estimate of Rs. 6,970 for clearing silt in the salt creek below the tidal lock at Masulipatam and for reclaiming the foreshore on the left side of the creek below the end of the wharf at that place, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Commander T. G. R. FINNY, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department, dated 27th October 1899, No. 1412/337 G.

In G.O., No. 1515 W., dated 12th June 1899 (Marine No. 576 of 26th June 1899), a sum of Rs. 4,000 was sanctioned for clearing silt in the salt creek below the tidal lock at Masulipatam, but in view of certain additional works required in connection with the improvements to the creek, and other reasons fully explained by the Superintending Engineer, II Circle, in his letter, No. 661 M., dated 20th October 1899 (copy attached), that officer has now submitted a revised estimate, amounting to Rs. 6,970, which I forward herewith countersigned, and request that the sanction of Government may be obtained to an additional allotment of Rs. 2,970. The amount can be met from the budget grant of Rs. 10,000 for "Improvements to the bar and river, Masulipatam."

ORDER—No. 3133 W., dated 2nd December 1899.

The revised estimate, amounting to Rs. 6,970, for clearing silt in the salt creek below the tidal lock at Masulipatam and for reclaiming the foreshore on the left side of the creek for 400 feet below the end of the wharf at that place is sanctioned in supersession of the estimate of Rs. 4,000 sanctioned in G.O., No. 1515 W., dated 12th June 1899.

2. The entire cost of the works, viz., Rs. 6,970, will be met from the provision of Rs. 10,000 in the current year's Excluded Local Fund Budget for improvements to the bar and river at Masulipatam.

3. The sanction accorded in paragraph 1 has been registered as Excluded Local No. 16 W. of 1899-1900, and classified as Miscellaneous Public Improvements—Original Works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, II Circle, with seven enclosures.
" Examiner, Public Works Accounts.
" Marine Department.

Exd. T. K. Narayana Aiyangar.

READ the following:—

Print Letter from the Presidency Port Officer, No. $\frac{1412}{337}$ G dated 27.10.99

Circulated to

H. E. M. General

ORDER.

No. 3133 W of 2.12.99

The revised estimate, amounting to Rs. 6,970, for clearing silt in the salt creek below the tidal lock at Masulipatam and for reclaiming the foreshore on the left side of the creek for 400 feet below the end of the wharf at that place is sanctioned in supersession of the estimate of Rs. 4,000 sanctioned in G.O. No. 1515 W dated 12th June 1899.

2. The entire cost of the works viz Rs. 6,970 will be met from the provision of Rs. 10,000 in the current year's Excluded Local Fund budget for improvements to the bar and river at Masulipatam.

3. The sanction accorded in paragraph 1 has been registered as Excluded Local No. 16 W of 1899-1900 and classified as Miscellaneous Public Improvements—Original

P. W. 4.
1,000-18-7-99.

4.9.23/11 R. 4/12/99
200-18-1-99.

Original Works

HL 22/4/99
Sw.

Map

Note The causes of the excess are explained
in the accompanying technical note.

HL 22/4/99
Sw.

Map

To

De S. E. II Arch with fenders ✓
.. Excess P. W. A ✓
.. Marine Dept. ✓

Deap
12/12/99.

W
The revised Estimate
may be sanctioned

HL
15/11/99

Yes
H. H. S.

To DW
21/11/99
prepare
draft order
HL
DW

Public Works Department.

Current No. ~~8842~~ 8933

Letter No. 1412 9
337

Dated 27. Oct. 1899.

From the Presidency Pat. Officer.

NOTE BY TECHNICAL SECTION.

Name of work Clearing Silt to below
reclaiming foreshore below
Wharf wharf wall, below tidal lock
at Masulipatam.
Revised Est. Rs. 6970.

In G.O. No. 1515 of 12.6.99 an
Estimate amounting to Rs. 4000 was
sanctioned for removing silt in the
Salt creek below the tidal lock -
Subsequently the Committee of Shipping
and Landing dues, asked for further
improvements in the creek. There are
as follows.

1. Reclamation of the margin of
the creek below the tidal lock now
liable to submergence, by depositing
the spoil from dredging - piles being driven
along the margin of the reclama-
tion, eventually to form a convenient
landing for the storage of firewood.
2. Excavating a channel from the
Siraganga drain to the creek, so as
to obtain an inflow to scour
out the silt deposited in the latter.

2. The above works are now embodied
in this Estimate and the amounts are
shown thus.

Revised Estimate already sanctioned	Rs. 5040
in G.O. 1515 of 12.6.99 - - - - -	1230
Reclaiming foreshore - - - - -	700
Drainage from Siraganga drain - - - - -	
Total Est. Rs. - - - - -	6970

A comparative statement accounts this Estimate and the excesses can be brought under the following heads.

(a) Increase in rates - - - - -	1043
(b) New Provision - - - - -	1930
	<u>2973</u>
Savings - - - - -	3
Total excess Rs: <u>2970</u>	

Explanation

(a) The excess here is due to the increase in the rate for silt clearance viz from Rs 5-11-0 to Rs 9-0-0 - the latter rate is from actual cost during progress. This rate includes the lead for de-banking spoil on the side where reclamation. The original rate no doubt was insufficient.

(b) The excess under this head is entirely due to new provision being made for

1. Reclaiming freshwater at a cost of Rs 1230. The reclamation will be effected by depositing the spoil from dredging behind a row of Casuarina piles 15' long & about 6" diameter - driven 1 ft. about down to 10 ft below bed of creek and at a slope of 1 in 8. The piles will be bound together at high & low tide levels, with bracing pieces bolted down to the piles at every 4th pile. The tops of the piles will be one foot above high water. To prevent the earth from washing out into the creek, the spaces between the piles will be closely packed with brushwork. The earth filling behind will be levelled off with an outer slope of 1 in 30.

2. Excavating a channel from the Wangunga drain into the creek at a cost of Rs 700. The object of this channel is to get a larger inflow of tidal water into the creek - and it is hoped that by this means, sufficient silt will be removed bearing away the silt now being deposited in the creek - and future dredging will not be necessary. The channel will be 30 ft. bottom width - slopes 1 in 1 - and for 45 ft deep. 1 ft.

The rates provided are fair. The Estimate has been counter-signed by the P. Port Officer and in his forwarding letter requests that his forwarding letter be obtained for sanction of Govt. he obtained for an additional allotment of Rs. 2970. This amount can be met from the budget grant of Rs. 10000. for "improvements to the Harb and river at Masulipatam".

[Signature]
Sd/- *[Signature]* 14.11.99
Sd/- *[Signature]* 14.11.99

W 16/11/99

Thro' the Secretary to Govt P. W. D

Marine (1899) Department.

PW CURRENT No. 8933

From

The Presy Port Officer,
Madras

Order

No. 1412 of 337

Dated 27th October 1899

Received 1-11-99

Enclosures 2 8 { Plans
others 8 }

Spare copies

SUBJECT.

Requesting sanction to an additional allotment of Rs 2970 in connection with clearing silt in the salt creek below the tidal lock at Masulipatam.

[Handwritten signature]
for scrutiny
14/11/99

[Handwritten initials]

A condensed statement of the accounts of the

BACK PAPERS.

No.	Date.
3260c	25-7-99
1515W	12-6-99

FURTHER PAPERS.

No.	Date.

No.661 M

Superintending Engineer's Office,
II Circle,
Bezwada, 20th October 1899.

From

Major W.M. Ellis R.E.,
Superintending Engineer,
II Circle,

To

The Presidency Port Officer,
Madras.

Sir,

Enclosures 7

- 2 Detailed Estimates
- 1 Abstract Estimate
- 2 Reports.
- 1 Comparative Statement.
- 1 Copy of the Proceedings of Landing & Shipping Dues Committee.

7

An estimate was sanctioned in G.O., No.1515 dated 12th June 1899 for silt clearing in the salt creek below the Tidal Lock at Masulipatam Rs.4,000/

Subsequent to the submission of this estimate the Landing and Shipping Dues Committee have asked for further works connected with the improvements of the creek to be carried out.

(a) The reclamation of the margin of the creek below the Tidal Lock now liable to submergence by the deposition of the spoil for the dredging piles being driven along the margin of the reclamation to form a convenient landing place for the firewood which it is proposed to store on the reclaimed bund.

(b) The making of a cut from the Sivagunga Drain to the Tidal creek to facilitate the scouring out of the silt deposited in the latter.

2. An increase of rate for landing the dredged stuff is provided for in the revised estimate now submitted, it being found that the original rate could not be worked to. The data for the original rate was taken from old records and the error appears to be due to the fact that the computation was by "Punt loads" of dredged material and that the punts were not filled to the extent

of

of their capacity.

The revised rate has been recommended by Mr. R. W. Formby, Assistant Engineer, who has given much personal attention to the execution of the work and I can therefore confidently recommend it for sanction.

3. At the special request of the Landing and Shipping Dues Committee, Masulipatam, this estimate is being submitted direct and not through that Committee who have seen and approved of rough estimate for the work.

A copy of the Proceedings of this Committee dated 19th July 1899 on this subject is forwarded for your information.

4. I request you will obtain the sanction of Government to the revised estimate now submitted.

I have &c.

(s/d) W. M. Ellis

Major R. E.,

Superintending Engineer,

2nd Circle.

(True Copy)

J. G. R. Finney

Commander, R. I. M.,

Presidency Port Officer.

To the Secretary to Govt. P. W. D.

No. 1412

337

Presidency Port Office,

Madras, 27 October 1899

*Heading: Tidal Creek
Masulipatam*

From

Commander J. G. R. Finney, R. I. M.,

Presidency Port Officer,

Madras,

To

THE SECRETARY TO GOVERNMENT,

MARINE DEPARTMENT,

CHEPAK.

Sir,

In G. O. N: 1515, N, dated 12th June 1899 (Marine Ct: 576 of 26th June 1899) a sum of Rs 4,000/- was sanctioned for clearing silt in the salt creek below the tidal lock at Masulipatam, but in view of certain additional works required in connexion with the improvements to the creek, and other reasons fully explained by the Superintending Engineer IInd Circle, in his letter Ct: 661, M, dated

P.W. 8433/99

dated 20th October 1899 (copy
attached) that Officer has
now submitted a revised
estimate amounting to
Rs 6,940/- which I forward
herewith, countersigned
and request that the sanction
of Government may be ob-
tained to an additional
allotment of Rs 2,940/-. The
amount can be met from
the Budget grant of Rs 10,000/-
for "Improvements to the Bar
and River, Masulipatam".

I have the honour to be,
Sir,
Your Most Obedt. Servt.,

Theodor Dunning
Commander, R.S.M.,
Deputy Port Officer

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mmg