

Public Works (1898) Department.

G.O., No.

70625

DATED

15th March 1898

[Despatch Abstract.]

Post Office at Nepalatam: Estimate of Rs. 990 for extensions and improvements to the — approved and returned to the S.E. V. for disposal.

BACK PAPERS.

FURTHER PAPERS.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1898} of Madras.
PUBLIC WORKS.

Recd.

Regd.

1898.

Enclosures

Spare copies

G.O., No. 706 W., 15th March 1898.

MARCH.

Port Office at Negapatam

Estimate of Rs. 990 for extensions and improvements to the —, approved and returned to the Superintending Engineer, V Circle, for disposal.

No. 706 W., 15TH MARCH 1898.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.Buildings and Roads.
Civil Works.

READ—the following papers:—

From Commander H. A. STREET, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department (through the Secretary to Government, Public Works Department), dated Madras, 13th December 1897, No. 1832/441 G.

I have the honour to forward herewith (duly countersigned), for sanction of Government and allotment of funds, an estimate with plan amounting to Rs. (990) nine hundred and ninety, exclusive of centage for Public Works supervision and tools and plant, for extensions and improvements to the Port office at Negapatam. The thatching referred to in the report accompanying the estimate is objectionable in view of accident by fire, and it is therefore proposed to raise the walls and put up a terrace over it.

2. In the budget for 1897-98 a provision of Rs. (623) six hundred and twenty-three only, including percentage charges, has been made for repairs to the Port office at Negapatam, but the excess required can be met from the Eastern Group Port funds.

3. The amount of the present estimate is included in the forecast estimate forwarded with this office letter No. 1730/403 G. of 19th November 1897 and returned with Marine Department memo. No. 716 E., dated 26th November 1897, for revision.

Note by the Chief Engineer, Public Works Department.

In the estimate for extensions and improvements to the Port office at Negapatam received from the Presidency Port Officer with his letter No. 1832/441 G., dated 13th December 1897, the section of the steel girders is set down as 13" x 5" weighing 40 lb. per foot run, but the Chief Engineer considers that the section should be 12" x 6" weighing 54 lb. per Rg. ft.

2. With the above modification, the estimate is recommended for approval.

8th March 1898.

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

ORDER—No. 706 W., dated 15th March 1898.

The estimate, amounting to Rs. 990, for extensions and improvements to the Port office at Negapatam is approved and returned to the Superintending Engineer, V Circle, for disposal.

2. The necessary funds will be provided in the budget estimate for 1898-99 under Excluded Local, Port funds.

3. Attention is drawn to the Chief Engineer's note recorded above.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, V Circle, with five enclosures.

„ Examiner, Public Works Accounts.
„ Marine Department.

Exd. C. Parthasarathy.

P.W. DEPARTMENT.

(1) The Hon. Secy. Genl. Secy. P.W.D. ✓
(2) H. E. Secy. Genl. Secy. P.W.D. ✓
Papers to be read in Proceedings:—

Again G.O., dated

189 , No.

Again G.O., dated

189 , No.

Current No. 12419

of 1897, dated 13th Decr 1897, from the P.P.G.

„ „

„ 189 , „ „ „

„ „

„ 189 , „ „ „

Note by the Chief Engr: P.W.D. dt 8-3-98

ORDER.

The estimate amounting to Rs. 990, for extensions and improvements to the Port office at Negapatam is approved and returned to the Superintending Engineer, V Circle, for disposal.

2 The necessary funds will be provided in the budget estimate for 1898-99 under Excluded Local, Port Funds.

3 Attention is drawn to the Chief Engineer's note recorded above.

Cn

Maj

Srom
8/3/98

Note - The necessity for this work is explained in the report accompanying the estimate

To

The P.E. V Circle with 5 enclos.

Exar. P.W. Accts

Marine Dept

P.W.D

2 po

Note by the Chief Engr, P.W.D

In the estimate

for extensions and improvements
to the Port Office at Negapatam,
received from the Presidency Port
Officer with his letter No 1832 441 & dated
13th December 1897, the section of
the steel girders is set down as
13" x 5" weighing 40 lbs per foot run,
but the Chief Engr considers that
the section should be 12" x 6" weighing
54 lbs per Rqft.

2 With the above modi-
fication, the estimate is recommended
for approval.

[Signature]
P.W.D
E.W.

from
May 8/1898

Public Works Department.

Current No. 12419

Letter No. 1832/441

Dated 13th December 1937

From the Presidency Police Officer.

NOTE BY TECHNICAL SECTION.

Name of work

Extension to the Police Office at Nagapattanam.

Amount of Estimate Rs 990.

The plan & estimate under review, amounting to Rs 990, provide for extending & improving the Police Office at Nagapattanam.

It is stated in the report accompanying the estimate that the space adjoining the Police Officer's Office room is surrounded on three sides by a low parapet wall & is thatched over. As this arrangement is very objectionable in view of accident by fire, it is proposed to remove the thatch & low parapet & to build up walls with a terrace roof over it so as to harmonize with the existing rooms also to give additional accommodation to the office.

The walls of this new room will be built with bricks in chunnam with flat arches over voids & plastered with a coat of chunnam both inside and

and out. The room will be lined with brick on edge laid over teak joists & supported by a rolled steel girder. The roof will be cambered with a rise of 4 inches and the new room fitted with 5 teak batten windows fixed with iron bars.

The windows & steel girders will be painted with 2 coats of Charlin's paint and the joists stained with 2 coats of wood oil.

The scantlings of roof timbers are correct and that of the steel girder slightly weak. The section estimated is 13" x 5" weighing 40 lbs per foot run, whereas it should be 12" x 6" weighing 54 lbs per ft. vide calculations:-

Weight on girder:-

Joists — $16.3 \times 10.6 \times 0.9 \times 120 = 15356$

Floor — $13 \times 10.6 \times 0.3 \times 0.7 \times 46 = 916$

Line load $10.6 \times 16.3 \times 120 = 20475$

Total lbs 36747

or 16.4 Tons.

By formula $W = WL = 16.4 \times 16.25$

= 266.5 Tons.

for which a section 12" x 6" weighing 54 lbs per foot will be required, vide my & Long's hand book p. 24, plate 65.

If the heavier section be adopted the stress will be only Rs. 25.

The depth of foundations has not been shown & is not known whether the foundations would bear the additional weight now proposed.

The rates are fair. The plan & estimate have been countersigned by the Presidency Port Office & should be approved in the Marine Dept.

2.3.98

The est. is altered may be sanctioned. There is no reason to suspect that the found. of this corner are different from that of the rest of the building which is double storied —

from 31/3/98

[Signature]
2.3.98

Thro' the Secretary to Govt. P. W. Department Marine (1897) Department.

CURRENT No. 124 19

From

The Presidency Port Office, Madras

No. 1832 / 441 9

Dated 13 December 1897

Received

Registered

Enclosures

Spare copies

SUBJECT.

Forwarding for sanction and allotment of funds an Estimate for Rs. 990 for extensions and improvements to the Port office at Regapatam.

[Signature]

No. 1852/441 *g*

From

Presidency Port Officer,

MADRAS,

TO

Marine Department,

С Н Е Р А К.

Sir,

I have the honour to forward herewith (duly countersigned) for sanction of Government and allotment of funds, an Estimate with Plan amounting to Rupees(990) nine hundred and ninety, exclusive of centage for Public Works Supervision and Tools and Plant, for extensions & improvements to the Port Office at Negapatam. The thatching referred to in the Report accompanying the Estimate is objectionable in view of accident by fire, and it is therefore proposed to raise the walls and put up a terrace over it.

2. In the Budget for 1897-98 a provision of Rupees (625) six hundred and twenty three only, including per centage charges, has been made for repairs to the Port Office at Negapatam, but the excess required can be met from the Eastern Group ^{Port} Funds.

3. The amount of the present Estimate is included in the Forecast Estimate forwarded with this office letter No.1750/403 G of 19th November 1897 and returned with Marine Department, Memorandum, No.716 E, dated 26th November 1897 for revision.

I have the honor to be, Sir,

Your Obedient Servant,

H. S. Baumbach
for Presidency Port Officer.