

Public Works (189) Department.

G.O., No.

3152 W

DATED

6th Dec 88

7/11/91

[Despatch Abstract.]

Reclamation of the foreshore at Mangalore

The estimate, amounting to Rs 57,400 for the reclamation of the foreshore and erection of a pier at Mangalore in the South Canara St. sanctioned. with amount

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24/12

The estimate, amounting to Rs. 51,400, for the reclamation of the foreshore and erection of a pier at Mangalore in the South Canara district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following papers:—

From C. J. USSHER, Esq., Executive Engineer, West Coast Division, to the Superintending Engineer, IV Circle, dated 29th August 1899, No. 514 S.E.

I have the honour to forward, herewith, plans and estimates, amounting to Rs. 50,000, for proposed reclamation and pier, Mangalore harbour.

2. The estimate provides for rails for trucks only within limits of the Custom-house yard and along the pier. The line should eventually be continued along the open space in front of the merchants' offices and godowns, but the cost of doing so should perhaps be borne by the merchants interested.

3. As the reclamation and pier work is proposed to be done in the interests of the mercantile community of Mangalore, I would suggest the advisability of the Chamber of Commerce being consulted to prevent objections being afterwards raised as to the proposed site of the pier.

4. No provision has been made in the estimate for a portable crane, as there is one which will be available for use at pier head.

5. In conclusion, I would strongly urge the desirability of the whole of the pier work including erection being given to Messrs. Burn & Co. if the estimates are sanctioned.

No. 517 W.

Copy submitted to the Chief Engineer, Public Works Department, together with the plans and estimate.

The undersigned supports the proposal made in the last paragraph of the Executive Engineer's letter.

COIMBATORE, (Signed) A. H. GARRETT,
12th September 1899. Superintending Engineer, IV Circle.

From the Presidency Port Officer, dated 29th November 1899, No. 1463/356 G.

Note by the Chief Engineer, Public Works Department.

The estimate, amounting to Rs. 51,400, for reclaiming the foreshore and erecting a pier at Mangalore in the South Canara district, is recommended for the sanction of Government with the following remarks:—

(1) The piles are proposed to be screwed down about 14 feet; this depth, the undersigned considers, should be increased to 16 feet, to enable them to enter the stiff clay at T head of pier.

(2) It is noticed that the Executive Engineer has changed the 68 lb. rails of Messrs. Burn & Co. to 16 lb. rails; the former are certainly needlessly heavy, and metre gauge rails of 41½ lb. per yard may be used instead.

(3) No specific loads having been given by Messrs. Burn & Co. for sections of girders provided, the Superintending Engineer is requested to refer the matter to them whether lighter beams will not suffice.

2. A supplemental estimate for the following additions required by the Port officer should be submitted as early as possible:—

- (a) Two pairs of iron davits with blocks complete for hoisting the two Government boats. The larger is 31 feet long and the smaller 18 feet long.
- (b) Four light handy cranes to lift about 15 cwts. to be worked by hand and to be placed two on either side of the pier for working light cargo. In placing these cranes it should be remembered that the cargo boats at Mangalore are from 35 to 60 feet long.
- (c) A pair of large iron gates to close the pier on the shore end.
- (d) A turnstile close to the large gates on the shore end for passing passengers on to the pier and collecting tickets and tolls if required. This might be constructed similar to the one already in use at Tuticorin.
- (e) As rails are provided, it will be necessary to provide for eight trucks for removing the cargo from the pier to the customs godown and then to the gates and merchants' godowns.
- (f) The rails on the pier should be continued to each of the gates enclosing the customs yard to enable the cargo to be removed quickly and easily. Total length 720 feet.
- (g) One additional ramp is required at the northern end of the wall for landing cargo.

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

2nd December 1899.

ORDER—No. 3152 W., dated 6th December 1899.

The estimate, amounting to Rs. 51,400, for the reclamation of the foreshore and erection of a pier at Mangalore in the South Canara district, is sanctioned for early execution.

2. The attention of the Superintending Engineer is drawn to the remarks in paragraph 1 of the Chief Engineer's note read above. A supplemental estimate for the additional works detailed in paragraph 2 of the note should be submitted with the least possible delay.

3. There is a provision of Rs. 45,000 for the work in the current year's Excluded Local Fund budget.

4. The local Chamber of Commerce should be consulted in regard to the site of the proposed pier.

5. The proposal of the Executive Engineer to entrust the pier work to Messrs. Burn & Co. is approved.

6. The sanction accorded in paragraph 1 of these Proceedings has been registered as Excluded Local No. 18 W. of 1899-1900, and classified as Miscellaneous Public Improvements—Original Works.

(True Extract.)

Under Secretary to Government.

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

Exd. A. Rungasawmy Aiyangar.

A
Print quickly

Very Urgent

Read the following:—

CW 7538
9226

Print From the Suptg Engineer. Tr. Arch. No 517 W dy 12.9.99
n Quote Print From the Presidency Port Officer. No $\frac{1463}{356}$ dy 29.11.99
Print Note by the Chief Engineer. P.W.D. dy

Circulated to H. & the Engineer

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bail under

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A.E.H.
5.12.99

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Dr. Perumal
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T to
B.P.S.
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ORDER.

No: 3152 W 96.12.99

The estimate, amounting to Rs 51.400, for the reclamation of the foreshore and erection of a pier at Mangalore in the South Canara District is sanctioned for early execution.

2. The attention of the Suptg Engineer is drawn to the remarks in para 1 of the Chief Engineer's note read above. A supplemental estimate for the additional works detailed in para 2 of the note should be submitted with the least possible delay.

3. There is a provision of Rs 45,000 for the work in the current year's Excluded Local Fund budget.

4. The local Chamber of Commerce should be consulted in regard to the site of the proposed pier.

5. The proposal of the Executive Engineer

Engineer to entrust the pier work to Messrs Burn and Co. is approved.

6. The sanction accorded in para 1 of these Proceedings has been registered as Excluded Local No 18 W of 1899-1900, and classified as Miscellaneous Public Improvements, Original Works.

May 21/11/99
HLL
Dw.

Note The estimate is dealt with in the Technical note flagged 2 and the Chief Engineer's note read at the head of the draft order.

May 21/12/99
HLL
Dw.

May

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The S.E. IV arch with ^{the} arches ✓
... Engrd. P.W.A. ✓
... Marine Dept ✓

Desp'd
15/12/99

21/11/99 R 5/12/99

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Note by E.W.

The estimate amounting to Rs 5140 for reclaiming the foreshore and erecting a pier at Mangalore in the South Canara District is recommended for the sanction of Govt. with the following remarks:-

(1) The piles are proposed to be screwed down about 14 feet. The depth the undersigned considers should be increased to 16 feet, to enable them to enter the stiff clay at T head of pier.

(2) It is noticed that the Executive Engineer has changed the 68 lbs rails of Messrs Burn & Co. to 16 lbs rails. The former are certainly needlier heavy and metric gauge rails of 4 1/2 lbs per yard may be used instead.

(3) No specific loads having been given by Messrs Burn & Co. for section of girders provided, the Supy Engineer is requested to refer the matter then whether lighter beams will not suffice.

(4) a supplemented estimate

for the following additions required
by the Port officer should be sub-
mitted as early as possible.

(a) Two pairs of iron davits
with blocks complete for hoisting
the 2 Government boats. The larger
is 31 feet long and the smaller 18 ft.
long.

(b) Four light handy cranes to
lift about 15 cwt to be worked by
hand and to be placed two on
either side of the pier for working
light cargo. In placing these
cranes it should be remem-
bered that the cargo boats at
Dungaree are from 35 to 60 ft.
long.

(c) A pair of large iron gates to
close the pier on the shore end.

(d) A turnstile close to the large
gates on the shore end for passing
passengers on to the pier and col-
lecting tickets and tolls if re-
quired. This might be construct-
ed similar to the one already in
use at Tuticorin.

(e) As rails are provided it
will be necessary to provide for
8 tracks for running the cargo
from the pier to the Customs
godown and then to the gates
of merchant's godowns.

4 P

(f) The rails on the pier should
be continued to each of the gates
enclosing the Customs yard to
enable the cargo to be removed
quickly and easily. Total length
720 feet.

(g) One additional ramp is
required at the northern end
of the wall for landing cargo.

H. L. 2/12/99
For G. W.

X
23.11.99

Urgent
Public Works (1899) Department.

CURRENT No. 9726

3152W

From *The Presy. Port Officer,
Madras*

No. 1463/3569

Dated 29-11-99

Received *+* } 1-12-99
Registered }

Enclosures { Plans 4 } Total. 12
 { Others 8 }

Spare copies

SUBJECT.

*Returning duly countersigned
plans and estimate for
claiming the foreshore and
erecting a pier at Mangalore*

BACK PAPERS.

G.O.	No.	Department.	Date.
	6752	23-11-99	
	7442	22-7-99	
	5920	3-7-99	
	2687	12-6-99	
		+ file	
	2959	30-6-99	
	2637	8-6-99	
	792	15-3-99	
	562	23-2-99	

FURTHER PAPERS.

G.O.	No.	Department.	Date.
	2091	2/6-8-98	
	1391	3-6-98	
	3362	30/11/97	
	2772	6-10-97	
	8161	20-3-97	

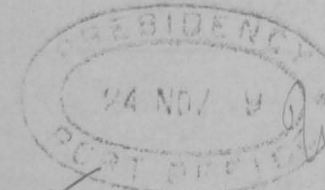
Public Works (1899) Department.

CURRENT No.

9726

7538

1391 W 285



No. 4752 of 23rd Nov 1899

Office Note
Order
To

From

The Sup. Engineer
H. C. Cochrane

1899

The P. P. G

The accompanying plans and estimate for reclaiming the five-shore and erecting a pier at Mangalore are forwarded to you for favour of countersignature and early return.

H. C. Cochrane

Under Secretary to Govt.
P.W.D.

No. 574

Dated

12th September 1899.

Received

Registered

Enclosures

Spare copies.

13-9-99 1.12.99
Plans - 47 Total
Others - 86 10/12

SUBJECT.

Reclamation & Pier, Mangalore Harbour.

Countersigned and returned.

Kadmas

29th November 99

W. R. J. J. J.

Commander A. M. J.

Princ. Port Officer.

Submitted for sanction plans & estimate to Rs 57,400 for the proposed — with remark that the whole of the Pier work & being given to Messrs. Burn & Co. if the estimates are sanctioned.

H. C.

18

2. The estimate provides for rails for trucks only within limits of the Custom House Yard and along the Pier. The line should eventually be continued along the open space in front of the Merchants' offices and Godowns, but the cost of doing so should perhaps be borne by the merchants interested.

3. As the Reclamation and Pier Work is proposed to be done in the interests of the mercantile community of Mangalore, I would suggest the advisability of the Chamber of Commerce being consulted to prevent objections being afterwards raised as to the proposed site of the Pier.

4. No provision has been made in the estimate for a portable crane, as there is one which will be available for use at Pier head.

5. In conclusion, I would strongly urge the desirability of the whole of the Pier work including erection being given to Messrs Burn & Co if the estimates are sanctioned.

No 517
W

Copy - Submitted to the Chief Engineer, Public Works Department, together with the plans and estimate.

The undersigned supports the proposal made in the last para of the Executive Engineer's letter.

Coimbatore
12th Sept 1899

Approved
Supg. Engineer, Circle.

11.9.99

Enclosures - 10.

1 Detail Estimate

1 General abstract

1 Data sheet

1 Copy of S.D.'s letter giving the results of borings

1 Report

1 Messrs Burn & Co's specification & estimate for Tally

4 Drawings.

10

W. 9726/99