

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1896-97	Press
B.P. No.		Mis.
Dated	14-7-	1874 195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th July 1874.*

No. 272. Read the following letter from Lieutenant-Colonel R. A. ROBERTS, R.E., District Engineer, Madura, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Madura, 13th June 1874, No. 1,014 :—

In reference to Government Orders marginally noted, I have the honor to forward herewith, for the sanction of Government, the plan, specification, and estimate of Rupees 9,000 for the construction of a pier at Devipatam.

1 Plan.
1 Estimate of Rupees 9,000, with Specification.
G. O., No. 1,672 of the 27th June 1873.
" " 2,627 " 28th Oct. "

No. 273. ORDER THEREON, 14th July 1874, No. 1,896.

CIVIL WORKS, No. 20.

ORDERED that the following letter be sent :—

(Here enter No. 1,897, dated 14th July 1874.)

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

PUBLIC WORKS DEPARTMENT,
OOTACAMUND, 14th July 1874.

No. 274.

No. 1,897.

FROM

COLONEL G. W. WALKER, R.E.,
Secretary to the Government of Madras,
Public Works Department,

TO

THE COLONIAL SECRETARY, COLOMBO.

CIVIL WORKS, No. 21.

SIR,—With reference to my letter of the 12th July last, No. 1,802-B, I am directed to request that you will be so good as to state whether the Government of Ceylon is willing to co-operate in the construction of the pier at Devipatam to the extent therein suggested, that is to say, to furnish a contribution of two-thirds of the actual cost, which it has been ascertained will amount to Rupees 9,000.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Erd. S. T. Austin.

Spare Copies

Specification Report to accompany
Plan and Estimate for constructing a
Pier for foot passengers at Benipatam.
1. Amount of Estimate Rupees 9000.

Ironwood Piles 2. 194 piles are required which are to
be of sound and well seasoned ironwood
free from cracks and knots of a square
form upright and sheathed with copper
plate (of Birmingham wire Gauge No 25)
between high water level & bottom.

Ventak wood 3. Planks to be of well seasoned ventak
planks wood free from cracks and knots and to be
of $8 \times 1 \times \frac{1}{4}$ in dimensions well smoothed;
screw nails as per dimensions in the plan
and Estimate should be fixed 1 foot apart

Pile driving 4. The ends of the piles to be sharpened
to a point of 15 inches in length, the heads
to be bound by a iron hoop before driving.
After the piles have been sufficiently
driven, the parts above the required level
to be sawn off. The piles to be driven by
an ordinary ringing Engine. The piles
will

will rest entirely by friction and will be driven as far as is considered necessary by the officer in immediate charge of the work. The head of a pile is to be sawn off until such pile is passed by the Superintendent of the work as being properly driven.

5. All iron work to be of the best Iron work. Europe bar fairly wrought after being inspected and passed and before being used to be raised to a red heat and coated with pitch.

6. All rejected work materials if not removed or replaced by the party contracting for the work will be removed or replaced at his cost.

Copied by
Compd by

Detailed Estimate of 1874-75
Madura District. Ramnad Zamindari
Work Constructing pier at Quipabam

Particulars of works	No	Measurements			Cubits
		Length	Breadth	Height	
<u>Iron wood</u>					
Piles for pier	26	10'	10"	14	252.9
Do Do	76	10'	10"	15	771.8
Do Do	92	10'	10"	16	1023.1
Do Do	4	7'	7"	14	37.3
Do Steps	2	7'	7"	13	13.10
Do Do					2107.7
Total iron wood feet					
<u>Teak wood</u>					
Cross ties for piles	97	10'	6"	10'	336.9
Do at the back of small	3	8'	6"	9'	9.0
piles in front of steps	3	8'	5"	7'	5.10
Do Do					351.7
Total teak wood feet					
<u>Planks 3" thick</u>					
On pier	1	77 1/2'	10"		77.20
String pieces for steps	6	8 1/2'	9"		38 1/4
Total 3" planks of teak wood feet					77.58 1/4
<u>Planks 2" thick</u>					
Steps or dreads	18	7 1/2'	1'		135
Total 2" planks of teak wood feet					135
Copper sheets for piles	194	3.4	"	3.0	1940
Do Do for piles of steps	6	2.4	"	3.0	42
Total Copper sheet B.W. & Co. 25 feet					1982
or equal to this					2061
Iron screws or bolt long size	398	1 long and 1 1/2"			32 1/3
Do Do small size	24	6" long 3/4"			2
Do Do for fixing planks	970	5" long 1/2"			81
Bags of Coal for	3				3
Driving the piles large	194				194
Do Do small for steps	6				6

Abstract Estimate No. of 1874-75
Madura District Pannad Zemindary
Work Constructing pier at Deripadam

Quantity	Description of works	Rate	Amount	Total
2107	1/2 ft of Iron wood — at	1 10	3423 4	
357 1/2	Do of Teak wood — at	1 8	527 4	
7758	1/2 ft of 3 planks of teak wood	6	2909 4	
135	1/2 ft of Do — Do —	5	42 3	
261	1/2 ft of Copper sheet —	8	1030 8	
32 1/2	Dozens of iron screws or bolts 1/2 ft long and 1/2 in	2 4	72 12	
2	Do of Do 6" long and 1/4 in	12	1 8	
81	Do of Do 5" long and 1/2 in	10	50 10	
3	backs of Coal bar — each	25	75	
194	Driving piles large — Do —	2 4	436 8	
6	Do — Do Small — Do —	2	12	
	Hire for running Engine —	40	140	8621 7
	Sundries and Superintendence —			378 9
	Total Estimate Rs —			9000

Dist. Engineer's Office
Madura. June/74
Cmtd by P. L.
C. J. B. J.

For J. G. R. L. C. R. C.
District Engineer Madura

No 1014.

District Engineer's Office
Madura 13 June 1874

From, Lieut. Col. R. A. Roberts M.C.
District Engineer, Madura

To, Colonel P. W. Walker M.C.
Secretary to Government P.W.D.

Encls. 2
Plan
Estimate of Rs 9,000
with specification.

C.O. No 1673 of the
27 June 1873.
C.O. No 2607 of the
28 October 1873.

Sir, In reference to C.O. -
Marginally noted. I have the honor
to forward herewith, for the sanction
of Government, the Plan, Specification
and Estimate of Rupees 9,000 -
for the construction of a pier at
Demipatan.

I have the honor to be
Sir

Your Most Obedient Servant
R. A. Roberts Lieut. Col.
District Engineer, Madura

Enclosure 27.14.1874
the District Engineer, Madura
to the Secretary to Government
No 1014 dated 13 June 1874

Respectfully
Commanded
J. M. M. M. M.

W. H. Construction
Pier at Demipatan

Amount of Rs 9,000

S. R. 50947

13. 7. 14 July 1874
S. R. 50947. 272.

Public Works Department
 Proceedings of the Madras Government
 Read the following
 From the St Engineer
 Madras (H.E. 1014 dated
 1897. 13 June 1897)

To
 The Colonial Secretary
 Colombo

Sir,
 With reference to my
 letter of the 12th July last
 N^o 1802 B. I am directed
 to request that you will
 be so good as to state
 whether the Government
 of Ceylon is willing to
 cooperate in the construc-
 tion of the Pier at Beria-
 patawa.

md
 20/6

Letter to the
 1897. 13 June 1897

Order of that the following

1897

Order of that the following

Order of that the following

Order of that the following

Order of that the following

Order of that the following

Order of that the following

Order of that the following

Order of that the following

Order of that the following

Devrapatam to the ex-
tent therein suggested,
that is to say, to furnish
a contribution of two
thirds of the actual cost
which it has been as-
certained will amount
to Rs. 9000.

G.M.M.

To the Colonial Secy, Colombo
Sign copy despatch from Secy.
18/7/74.

274

Per 22/6/74. Recd 2/7/74.

3694

Gobt. of 1874 Madras.
PUBLIC WORKS.

To

The Colonial Secy.
Colombo

Dated

Recd.

Encl. 2

G. O. 14 July 1874, No. 1896

1897

Nos. 272
274

Requesting to be in
form of whether the
Government of Ceylon
Ceylon is willing to
cooperate in the con-
struction of the Devipatam
Pier by furnishing a
contribution of two
thirds of the actual
cost which it is has
been ascertained
to amount to Rs 9,000.

Devipatam Pier

Passing orders on a
letter from the District
Inspector Macdona, for
warding for sanction an
estimate of Rs 9,000
for constructing
the Pier.