M.R.O. 1—10,006—28-2-50.

(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.	2926	Press
B.P. No.		Mis.
77-78		
Dated	5-12-1893 ~~195~~	

Not to be folded or roughly handled

No. 77. Read the following letter from J. W. RUNDALL, Esq., District Engineer, Tinnevelly, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Palamcottah, 6th November 1873, No. 118:—

I HAVE the honour to forward, herewith, a revised estimate for constructing a landing Pier at Tuticorin.

1 Revised Estimate, Rupees 6,700.
1 Comparative Statement.

2. The original estimate was framed by me upon data (as to the cost of wood procurable from Ceylon and the Western Coast) furnished by Captain Phipps.* At the time I objected to the rates, as I considered them very low, but Captain Phipps assured me that they were sufficient and that he could get the work taken up on contract at these rates.

*Master Attendant.

3. This being the case, I adopted the rates given by him; but we have been unable to procure the timber at the original rates, and I am, therefore, compelled to forward this revised estimate.

4. On the receipt of sanction for the estimate, as the Master Attendant wished to carry out the work himself, I handed the money over to the Collector, promising such professional assistance as might be necessary, but the Master Attendant has been unable to get the work carried out for the rates of the estimate.

5. One reason which Captain Phipps gives for the increase in the rate of the iron-wood piles is that an export duty on timber has been imposed in Ceylon, from which place alone they are to be obtained. The planking was procured from the Western Coast at the original rate. The copper procured from Bombay has cost somewhat more.

6. Under these circumstances I trust the revised estimate may be sanctioned and the extra sum placed to my credit from Port Funds.

No. 78. ORDER THEREON, 5th December 1873, No. 2,926.

CIVIL WORKS, No. 3.

Under the circumstances explained, His Excellency the Governor in Council sanctions the revised estimate, amounting to Rupees 6,700, for a landing Pier at Tuticorin.

2. It is observed that the amount* of the original estimate was allotted from Port Funds in the orders of the Marine Department, No. 219, dated 21st August 1873. That department will now be requested to transfer to the Public Works Department a further sum of Rupees 1,300 to allow of the completion of the work during the current year.

*Rupees 5,400.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Tinnevelly.
,, Officiating Controller of Public Works Accounts, with Abstract Estimate.
,, Marine Department.

Exd. E. C. Shunker.

Spare Copies

No 118

District Engineer Office Limerick
Palmerston 6th December 1873

Sir

I have the honor to forward herewith a revised Estimate for construction & Landing Pier at Castle-
-comin.

2. The Original Estimate was framed by me upon data (as to the cost of wood procurable from Carlow and the Rates exacted) furnished by Captain Snell, Assist. Master Attendant at the time I objected to the rates as I considered them very low, but Captain Snipes assured me that they were sufficient and that he could get the work taken up on contract at these rates.

3. This being the case I adopted the

Enclos 2
Revised Estimate & Plans
Comparative Statement.
2

the rates given by him, but we have been unable to procure the timber at the original rates, and I am therefore compelled to forward this revised Estimate.

4. On the receipt of sanction for the Estimate, as the Master Attendant wished to carry out the work himself I handed the money over to the Collector, promising such professional assistance as might be necessary, but the Master Attendant has been unable to get the work carried out for the rates of the Estimate.

5. The reason which Captain Phipps gives for the increase in the rate of the Iron wood piles, is that an export duty on timber has been imposed in Ceylon, from which place alone they are to be obtained. The planking was procured from the Western Coast at the original rate. The copper procured from Bombay has cost somewhat more.

6. Under these circumstances I trust the revised Estimate may be sanctioned and the extra sum placed to my credit from Post funds.

I have the honor to be
Sir
Your most Obed't servant

J. W. Rundall
District Engineer
Tinnevelly

Revised.

1B

Detailed Estimate of Rs. 15,000 of 1873-74.

Name of Work: Construction of Masonry Landing Pier at Tuticorin.

Object: To provide a convenient landing place for passengers and goods.

Particulars of Work.

Particulars	Length	Breadth	Depth	Quantity	Rate	Amount
	ft.	ft.	ft.		Rs.	Rs.
Solid Masonry in Pier						
Ditto in Wing Walls						
Total Solid Masonry				108		
Solid for Cutting Stone Steps 15" x 10" x 12"				4		
Ditto 12" x 9" x 9"						
Grand Total Solid Masonry				112		
Deduct:						
Steps				20	15	
Steps Wood				5	9	
Ditto				10	9½	
Ditto				10	11	
Total Deduct				45		Rs. 730
Nett Quantity: Solid Masonry				67		
Cost of Masonry Nett Work				55	11	1/2 1/2 1041½
Total Cost of Nett Work						1041½
Add for Contingencies &c.						
Pier					250	12½ 3812½
Wood				10	50	3000
Iron Work				1	51	51
Sqr. Cost						5593½
Add for Establishment						1041
Remaining 2% for Contingencies						111½
						11,156

P. No. 1873 Department
Dir. of Works No. 2118
Sum Rs. 11,000 for Pier
No. 6096
The District Engineer
Tinnevelly
&c
The Chief Engineer
Secretariat Govt.
Fort St. George

Dated 6
Rec'd 10 Nov. 1873
Encls. 2.

Submits for sanction a revised Estimate of Rs. 6,700 for the Landing Pier at Tuticorin, and explains the necessity for the sum.—

No. 2926. 5 Dec. 73.

No 7
Cir 15 Nov 73
Rec'd to Cir 10 Nov 73

Steps: _____

Steps 2" planking 8 per feet	18	7½	1	135
Available from old pier				135

Sheathing: _____

Sheathing piles with copper				lbs
copper nails				lbs. 1782
				280.

P.Bar. 3-21-25 - 5-12-25

Lt. Engrs.

9 B

Comparative Statement Showing the difference between Original and Revised Estimate for Building & Extending Landing Pier at Tuticorin.

115

Description of work.	Units of measurements	Original Estimate Quantities	Original Estimate Rate	Original Estimate Amount	Revised Estimate for work remaining to be executed Quantities	Revised Estimate for work remaining to be executed Rate	Revised Estimate for work remaining to be executed Amount	Revised Estimate Increase of original Quantities	Revised Estimate Increase of original Amount	Revised Estimate Less than Original Quantities	Revised Estimate Less than Original Amount	Remarks.
Sarawood Piles	cbs	108	11 14 0	1215 0 0								
Do	do	6	6 0 0	36 0 0	111	17 0 0	1938 0 0		187 0 0			Increase due to extra price of timber.
Girders	S ft foot	550	1 14 6	1514 11 0	1	8 0 0	553 0 0		397 13 0			ditto.
New Teak cross bracings	cfeet	101 1/3	1 14 6	122 11 8	101 1/3	11 [illegible]	122 11 8					
Do Planking	Superfeet	4900	5 0 0	1531 14 0								
Do Do	Do	125	14 0 0	32 12 0	1134	5 0 0	1165 0 0				165 0 0	
Copper Sheathing	sheets	1432	2 8 0	4050 0 0	1752	11 11 84	1238 15 0		2445 15 0			The copper obtained from Bombay has cost more than originally estimated
Copper Nails	lbs	280	12 0 0	210 0 0	280	12 0 0	210 0 0					
Iron bolts, Straps and Nails	lbs	811	3 0 0	152 1 0	644	5 0 0	149 6 0				50 12 6	
Iron Nails	lbs				224	11 0 0	223 0 0					
Law	bunks	200 2	2 6 0	21 4 0	224	13 0 0	27 0 0		4 4 0			
Driving Piles			20 0 0	140 0 0	2	13 0 0	26 0 0		114 0 0			
Carpenters' hire				222 0 0			222 0 0					
Hire of Pile drawing Engine				291 13 4			291 13 4					
				25 0 0			25 0 0					
Sundries and Superintendence				2414 5 0			1474 9 6		200 4 6			Extra sum allowed for contingencies
Total Rupees				5400 0 0			6700 0 0		1564 0 6		264 0 6	
Deduct amount of Original Estimate sanctioned by Govt on the 22d January 1872							5400 0 0					
Total amount to be sanctioned							1300 0 0					

District Engrs Office, Tinnevelly
Palamcottah 6th November 1873

I. W. Rundall
District Engr

No 2926 P.W. Dept.

Proceedings of the Madras Government.

Under date the November 1873.

Read the following

From the District Engineer
Tuticorin.

/ Forwarded No 118 / 6th Nov: 1873 /

Under the circumstances explained His Excellency the Governor in Council sanctions the revised Estimate amounting to Rupees 6,700 for a Landing Pier at Tuticorin.

It is observed that the amount of the original Estimate was allotted from Port Funds in the

× Rs 5,400.

Enclosure a letter No 118 dated 6 November 1873

From

The District Engineer
Tuticorin

To

The Chief Engineer & Secretary to Govt P.W.D.

Tuticorin District
Pier Extension

Comparative Statement showing the difference between Original Estimate & Revised Estimate for Extension of Landing Pier at Tuticorin.

Original Estimate Rs. 6700.
Revised Estimate " 13000

Increase Rs 6300

C.E. No: 2926-573 Dec: 73
21/11/73

Orders of the
the Marine Department
No 219 dated 21 August
1873. That Department
will now be requested
to transfer to the Public
Works Department a fur-
-ther sum of Rupees 1,300
to allow of the completion
of the work during the
current year.

Govt.

Under Secretary
Interior —

(10)

No 3
of

To The Distt Engr Tuticorin
" Controller with the Collector
" Marine Dept

Despatched 6/12/73

9:77-78

Cir 18 Dec 73 R. 24
Rec'd 16 Oct 10 Dec 73

Ch 6096

Govt. of {1873} Madras.

PUBLIC WORKS.

To The District Engr
Tinnevelly

Dated

Recd. Encl. 2

G. O., 5 Dec 1873, No. 2926.

2926

Nos. 7778

Pier at Tuticorin. Revised Estimate amounting Rs 6700 for a Landing Pier at Tuticorin, Sanctioned; Marine Dept to Transfer to the P.W. Dept the further Sum required for the completion of the Pier.