Hon'ble Hurdle Sir
187.82
No 838 dt 28th March/81.

Cir B

Recorded

21/3

P.W.C. No 1764

Pro 9th March

FROM THE EXAMINER P.W. ACCOUNTS,

MADRAS.

TO THE CHIEF ENGINEER,

P.W. DEPARTMENT.

NO. 41/EW

DATED 19th MARCH 1881.

RECD. 21st —

22-2-81 No 487 W

ENCLOSURE I.

FORWARDING THE STATEMENT OF EXPENDITURE ON MADRAS HARBOR WORKS FOR JANUARY 1881.

A. 838 W

With Order

A. 21-3 R. 28-3.

Subheads of Estimate	Cost for December 1880	Cost for January 1881	Expenditure to end of Jany. 1881	Total		Estimate as arranged in Bookkeeper P.W. Accts' Office	Rev. Estimate
Brought forward	82562 11 5	68033 11 6		2958673 11 8		3827363	28262
South Pier							
Surf Bank Complete	" " "	" " "	67935 9 3				
Rubble Base							
Stone tipped 332585 3/4 tons	17777 15 3	20429 3 5	616550 8 6				
Railway Extension	" " "	" " "	7746 3 "				
Land for quarrying	" " "	" " "	1605 8 2	693537 12 11		719863 D	
Concrete Blocks 5158 Set	" " "	" " "	707274 " "				
Setting Do 3245 1/4 lint 1/2 Set	4100 12 9	4526 1 6	142399 8 6	849673 8 6	1543511 5 5	306500 E	20268
Two Light houses	" " "	" " "	" " "	" " "	" " "	60000	6000
CONTINGENCIES							
Protective Works South of Harbour and groynes on beach	1884 10 "	3907 6 9 F	74250 6 3				
Intercepting Sewer	48 1 1	316 9 9	23151 15 5				
Other Charges	261 1 11	" "	5898 " 8 G				
Purchase of Wm Sadler's land	" " "	" " "	1400 " "				
Law charges in the case of Barguiz Jaffakin	690 9 4	690 9 4	690 9 4	160450 15 8	160450 15 8	491379	4913
ESTABLISHMENT							
Salaries	4192 8 "	7863 6 7	261011 12 4				
Office Contingencies	39 5 "	5 8 6	3724 13 4				
Travelling Allowances	59 " "	416 14 2	29705 3 9				
Medical	" " "	" " "	359 15 8				
Assistance in Surveys	" " "	" " "	5119 11 11	299921 9 "	299921 9 "	242685	2430
Estimate for Extra Rubble						200000	
	111616 10 9	103207 3 10		4960857 9 9		5850790	5850
MATERIALS IN STORE							
Small Stores			2898 13 9				
Building Materials			66 2 7				
English Cement			10966 5 4				
Indian Do			3889 6 8				
Timber			11362 10 3				
Metals			18894 15 5				
Fuel			19988 7 1				
Thatchers materials			" " "				
Painters Stores			2644 3 11				
House Fittings			5 12 "				
Cordage			3971 4 5				
Miscellaneous			5023 13 1				
Spare gear for Machinery			6400 " "	184805 14 6			
	111616 10 9	103207 3 10		5145663 8 3			

11th March 1881

HB

FROM MAJOR D.H.TRAIL R.E.

OFFG.EXAMINER P.W.ACCOUNTS,

MADRAS.

TO THE CHIEF ENGINEER,

PUBLIC WORKS DEPARTMENT.

NO. 41 EW MADRAS, 19th MARCH 1881.

SIR,

I HAVE THE HONOR TO FORWARD HEREWITH THE STATEMENT OF EXPENDITURE ON MADRAS HARBOR WORKS FOR THE MONTH OF JANUARY 1881, AND TO STATE THAT IT HAS BEEN DULY CHECKED BY THIS OFFICE AND FOUND CORRECT.

I HAVE THE HONOR TO BE,

SIR,

YOUR MOST OBEDIENT SERVANT.

D. H. Trail

MAJOR R.E.

OFFG.EXAMINER P.W.ACCOUNTS.

Madras Harbor Works

Statement of Expenditure on Works up to 31st January 1881.

Subheads of Estimate	Cost for December 1880	Cost for January 1881	Expenditure to end of Jany 1881	Total		Estimate as arranged in Books in Ex. P.W. audit Office	Mr Parkes' Estimate	Remarks.
PRELIMINARY WORKS								
Marine Surveys	" " "	" " "	6408 2 2					
Railways								
Rails from England	" " "	" " "	138698 14 11					
Sleepers	" " "	" " "	39402 7 6					
Formation	" " "	" " "	69020 8 1					
Block Ground Original	" " "	" " "	45031 15 5					
Do South Pier	" " "	" " "	8306 1 2					
Buildings	" " "	" " "	63484 6 6	370352 7 8		380.000		
TOOLS AND PLANT								
Locomotive Engines	" " "	" " "	55171 3 8					
Rolling Stock	24 14 "	27 14 5	26037 15 "					
Floating Plant	" " "	" " "	144284 8 3					
Cranes & Machinery &c	" " "	" " "	242124 14 2					
General Tools	" " "	" " "	31605 9 8					
Office Furniture	" " "	" " "	4029 14 9	503254 1 6		420.000		
	24 13 4	2 3 "	7254 7 5	7254 7 5	A			A This sum of Rs 7254 not being for Plant used on Preliminary Works should be deducted from the total Rs 380861 on comparing the latter with Mr Parkes' estimate of Rs 800000
Total Plant & Preliminaries					880861 " 7		800.000	
CONCRETE BLOCK MAKING								
Blocks made to yards 188030 Equivalent to 124442 Blocks of Ordinary size	5551 12 9	38378 2 7	1664086 6 11			2001000		Estimate for total Concrete Blocks on both Piers
Credit by 91023 C. yards used in North Pier and 79917 used in South Pier - Equivalent to 170940 C yards			1512330 " "					
Cost of blocks in excess 17090 in yards				151756 6 11	B			B Value of Concrete Blocks on stock at date
CONSTRUCTION OF PIERS								
North Pier								
Surf Bank complete	" " "	" " "	176586 4 9					
Rubble Base								
Stone tipped 3697971/2 tons	21895 5 11	24612 8 10	748792 7 11					
Railway Extensions	" " "	339 12 "	22142 " 3					
Land for quarrying	" " "	" " "	1605 8 3	949126 5 2	" "	719863		Estimate for total Rubble Base on North Pier (exceeded)
Concrete Blocks 5862 nos	" " "	" " "	805056 " "					
Setting Do 3667 Lineal feet	3105 13 5	4727 15 6	170173 15 "	975229 15 "		306500 C	202863	C Rs 306500 is the Estimate for setting Blocks on the whole North Pier. Estimate for complete North Pier to 3870 feet length built being 3667 feet leaving 203 feet to be built
					1924386 4 2			
Carried over	8252 11 5	68032 11 6		2956973 11 8		3827363	2826863	

12 MAR 81
EXAMINER P. W. ACCOUNTS

		Remarks
ale)		
363		
	D	Rubble Base Rs 7,9813 is the Estimate for the whole of the base of South Pier
43	E	Rs 306500 is the Estimate for setting the Concrete Blocks on the whole length of South Pier Estimate for Completed Pier length built being 3245 1/4 feet.
	F	A sum of Rs 2861-3-6 is added to the charges against "Protective Works" on account of salewood sleepe This sum was previously borne by "Other Charges" from which a recovery is now made (see Ch)
79		
		This item for extra rubble is not included in Mr Parkes' Estimate
90		

F. N. Blanchford.
Superintendent
M. Harbour Works

1884

Govt. of {1881} Madras.

PUBLIC WORKS.

To

Dated 31 March

Issued

Read. Encl.

Despatch
~~G.O.~~ B/28 March 1881, No. 840

Nos.

Forwards duplicate bank certificate of Mr A. B. Gatherer, Asst Surgr 2d grade, Mysore, P. W. Dept

FROM MAJOR D.H. TRAIL R.E.

OFFG. EXAMINER P.W. ACCOUNTS,

MADRAS.

TO THE SECRETARY TO GOVERNMENT,

PUBLIC WORKS DEPARTMENT.

NO. 248/P. MADRAS, 24th MARCH 1881.

SIR,

I HAVE THE HONOR TO FORWARD HEREWITH, FOR TRANSMISSION TO THE INDIA OFFICE IN THE USUAL COURSE, THE DUPLICATE LAST PAY CERTIFICATE OF MR. A.B. GATHERER, EXECUTIVE ENGINEER, 2ND. GRADE, MYSORE P.W. DEPARTMENT, WHO STATED HIS INTENTION OF EMBARKING FOR EUROPE ON THE 22ND. INSTANT, per. S.S. "Ellora" ON THE ONE YEARS FURLOUGH GRANTED TO THAT OFFICER BY THE MYSORE ADMINISTRATION.

2. THE ORIGINAL OF MR. GATHERER'S LAST PAY CERTIFICATE HAS BEEN MADE OVER TO THAT OFFICER IN PERSON.

I HAVE THE HONOR TO BE,

SIR,

YOUR MOST OBEDIENT SERVANT.

D. H. Trail

MAJOR R.E.

OFFG. EXAMINER P.W. ACCOUNTS.

P.W. C. No 1884

FROM THE EXAMINER P.W. ACCOUNTS,

MADRAS.

TO THE SECRETARY TO GOVERNMENT,

P.W. DEPARTMENT.

NO. 2487

DATED 24th MARCH 1881.

RECD. 25th

8404

ENCLOSURE, I.

MR. A.B. GATHERER EXECUTIVE

ENGINEER . FORWARDS THE DUPLICATE

LAST PAY CERTIFICATE OF-----

S.No

B

No. 8404

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 28th March 81.

Read the following :—

From the Sec. P.W. Accts - H.S. No 2487 dy 24th March 1881.

Ordered that the last pay certificate be forwarded to the Secy of State for India.

No 19 dy 26th April 81.

To The Most Honble
The Secy of State for India
My Lord Marquis.

We have the honor to forward the duplicate last pay certificate of Mr. A. B. Gatherer, Executive Engineer 2d Grade Mysore

P. W.

Print duplicate

disp with 1 Encl
26/4

P.W. Dept., who embarked
for Europe on the 22nd March
1881. per S.S. Ellora.

20/3