(1) பக்கங்களின் எண்ணிக்கை _____

(2) புதுக்கித் திருப்பிய நாள் 7/91

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் _____

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

123

அரசாணை எண். ___ 1263 அச்சகம் பலவகை
மு. கோப்புத் தாள் எண்.

நாள் : 20-4-1892 19 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

22 Sheets
with Statment.

ஆவண. கா-1—18,000—15-6-87.

SCHEDULE

1263/1

OF THE

STAFF OF OFFICERS AND SERVANTS

EMPLOYED UNDER

THE HARBOUR TRUST BOARD

FOR THE YEAR

1892-93.

[*Under Section 21 of Act II of 1886.*]

Madras:
PRINTED AT THE LAWRENCE ASYLUM PRESS, MOUNT ROAD, BY G. W. TAYLOR

1892

Schedule of the Staff of Officers and Servants employed under the Harbour Trust Board for the year 1892-93. Prepared under Section 21 of Act II. of 1886.

No.	Name.	Designation.	Salary per mensem.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem.	Date of Entertainment.	Remarks.
				Sundays and Holidays.	Overtime.					
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
	C. Pinsent ...	Secretary ...	800 0 0	...	...	...	40 0 0	840 0 0	1st August 1886.	
	SECRETARY'S OFFICE.									
	Correspondence Department.									
	A. F. Colquhoun ...	Manager ...	65 0 0	2 5 10	1 2 0	...	3 4 0	71 11 10	27th September 1886.	
	George Dowley ...	Record Keeper ...	45 0 0	1 0 8	0 8 0	...	2 4 0	48 12 8	1st August 1887	
	K. Vythelingam Moodelly ...	Clerk ...	30 0 0	0 6 9	0 3 5	...	1 8 0	32 2 2	1st August 1887.	
	T. Canagaraya Moodelly ...	do ...	20 0 0	0 0 2	0 0 6	...	1 0 0	21 0 8	24th January 1887.	
	——— ...	do ...	20 0 0	...	...	...	1 0 0	21 0 0		
	T. S. Coopoosawmy Moodelly ...	do ...	10 0 0	0 5 5	0 2 6	...	0 8 0	10 15 11	2nd April 1889.	
	——— ...	do ...	10 0 0	...	...	...	0 8 0	10 8 0	...	—
	P. Etherajooloo Naidu ...	Moochee ...	10 0 0	...	...	0 8 6	...	10 8 6	1st June 1883.	
	P. Ragavaloo ...	Peon ...	8 0 0	0 10 8	0 5 5	...	0 6 5	9 6 6	1st April 1884.	
	C. Mooroogasan ...	do ...	8 0 0	0 1 1	0 0 6	...	0 6 5	8 8 0	do.	
	P. Mariadoss ...	do ...	8 0 0	...	...	...	0 6 5	8 6 5	20th October 1886.	
	C. Veerasawmy ...	do ...	8 0 0	0 10 1	0 5 1	...	0 6 5	9 5 7	1st April 1884.	
	C. Easwara Rau ...	do ...	8 0 0	0 6 1	0 3 1	...	0 6 5	8 15 7	do.	
	Agambaram ...	do ...	8 0 0	...	...	...	0 6 5	8 6 5	13th September 1886.	
	Gopaul Singh ...	do ...	7 0 0	0 4 0	0 2 9	...	0 5 7	7 13 2	1st June 1888.	
	C. Casavooloo ...	Messenger ...	5 0 0	...	...	...	0 4 0	5 4 0	13th February 1892	
	M. Streenevasan ...	do ...	5 0 0	0 1 3	0 0 9	...	0 4 0	5 6 2	1st October 1889.	
		Carried over ...	275 0 0	6 5	3 2 0	0 8 6	13 4 1	298 3 7		

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Schedule of the Staff of Officers and Servants employed under the Harbour Trust Board for the year 1892-93. Prepared under Section 21 of Act II. of 1886—continued.

No.	Name.	Designation.	Salary per mensem.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem.	Date of Entertainment.	Remarks.
				Sundays and Holidays.	Overtime.					
	Correspondence Department—contd.									
	Ponnoosawmy	Brought forward...	Rs. A. P. 275 0 0	Rs. A. P. 6 5 0	Rs. A. P. 3 2 0	Rs. A. P. 0 8 6	Rs. A. P. 13 4 1	Rs. A. P. 298 3 7		
	Rungiah ...	Messenger ...	5 0 0	0 1 11	0 1 10	...	0 4 0	5 6 11	18th December 1890.	
	Abdul Rahimon ...	do ...	5 0 0	0 1 7	0 0 10	...	0 4 0	5 6 5	1st October 1889.	
	Abdulla Khan ...	do ...	5 0 0	0 2 9	0 1 4	...	0 4 0	5 8 1	1st July 1890.	
	Dave Singh ...	Night Watchman ...	5 0 0	...	...	...	0 4 0	5 4 0	June 1890.	
	Mooneappen ...	do ...	5 0 0	...	...	...	0 4 0	5 4 0	16th May 1889.	
	Sawmyar Ummall ...	Punkah Puller ...	5 0 0	...	...	...	0 4 0	5 4 0	1st August 1886.	
		Sweeper ...	5 0 0	...	...	...	0 4 0	5 4 0	1st September 1886.	
			310 0 0	6 11 3	3 5 2	0 8 6	15 0 1	335 9 0		
	Account Department.									
	H. E. Hope-Ross									
	C. Etherajooloo Naidu ...	Chief Accountant ...	260 0 0	11 4 11	...	...	13 0 0	284 4 11	28th May 1858.	
	P. Singaravaloo Moodelly ...	Asst. do ...	85 0 0	5 0 11	...	...	4 4 0	94 4 11	22nd September 1873.	
	V. S. Vythelingam Pillay ...	Asst. Book-keeper ..	40 0 0	1 14 3	...	...	2 0 0	43 14 3	20th May 1884	
	M. R. Ramakristna Iyer ...	Clerk ...	25 0 0	1 9 1	...	...	1 4 0	27 13 1	12th September 1885.	
	A. C. Streenevasa Moodelly ...	do ...	25 0 0	...	...	...	1 4 0	26 4 0	12th August 1890.	
	C. Cabral ...	do ...	20 0 0	1 4 8	...	...	1 0 0	22 4 8	20th September 1885.	
	...	do ...	20 0 0	0 13 8	...	...	1 0 0	21 13 8	11th June 1891	
	P. Cundasawmy Chetty ...	do ...	20 0 0	...	...	...	1 0 0	21 0 0		
	T. Shunmoogasoondara Moodelly ...	do ...	12 0 0	1 0 6	...	...	0 9 7	13 10 1	8th April 1885	
	...	do ...	10 0 0	...	...	...	0 8 0	10 8 0	9th August 1889.	
	A. Loak Singh ...	Peon ...	10 0 0	...	...	...	0 8 0	10 8 0		
	C. Maselamony ...	do ...	8 0 0	0 8 4	...	...	...	9 0 10	1st October 1871.	
	...	do ...	8 0 0	0 3 5	...	0 8 6	0 6 5	8 9 10	5th August 1885.	
	Mathan Singh ...	Punkah Puller ...	7 0 0	...	...	...	0 5 7	7 5 7		
	...		4 0 0	...	...	...	0 3 2	4 3 2	28th July 1891	
			554 0 0	23 11 9	...	0 8 6	27 4 9	605 9 0		
	Cash Department.									
	C. Venkatachellum Chetty ...	Cashier	70 0 0	16 14 0	...	5 0 0	...	91 14 0	19th November 1881.	
	S. Appathoray Moodelly ...	Asst. do ...	35 0 0	3 13 2	...	...	1 12 0	40 9 2	27th September 1886.	

F. Dias ...	Checker ...	30 0 0	0 10 5	...	...	1 8 0	32 2 5	22nd June 1890.	
...	Asst. do ...	20 0 0	...	...	...	1 0 0	21 0 0		
P. Appathoray Moodelly ...	Calculator ...	17 8 0	2 7 1	...	...	0 14 0	20 13 1	1st September 1886.	
T. Somasoondara Moodelly ...	do ...	17 8 0	1 5 1	...	...	0 14 0	19 11 1	17st September 1886.	
T. P. Soobrayaloo Naidu ...	do ...	17 8 0	2 4 0	...	...	0 14 0	20 10 0	1st April 1884.	
...	do ...	17 8 0	...	...	...	0 14 0	18 6 0		
G. Narayanasawmy Chetty ...	Register Clerk ...	15 0 0	2 4 1	...	...	0 12 0	18 0 1	2nd September 1886.	
B. Goolam Mahomed Saib ...	do ...	12 8 0	1 3 8	...	...	0 10 0	14 5 8	24th October 1886.	
C. Kistnasawmy Naidu ...	Clerk ...	15 0 0	1 10 11	...	...	0 12 0	17 6 11	7th December 1885.	
S. Govindarajooloo Naidu ...	do ...	12 8 0	1 14 0	...	...	0 10 0	15 0 0	1st September 1886.	
...	do ...	10 0 0	...	...	...	0 8 0	10 8 0		
T. Veerasawmy Moodelly ...	do ...	10 0 0	0 13 10	...	...	0 8 0	11 5 10	1st April 1890.	
A. Smith ...	do ...	10 0 0	0 14 9	...	...	0 8 0	11 6 9	14th July 1890.	
G. Parthasarathy ...	Peon ...	8 0 0	1 2 8	...	0 8 6	...	9 11 2	21st December 1865.	
Chellapathy ...	do ...	7 0 0	0 4 2	0 3 6	...	0 5 7	7 13 3	7th September 1888.	
	Total...	325 0 0	37 9 10	0 3 6	5 8 6	12 5 7	380 11 5		
	Traffic Department.									
S. Hutchence ...	Traffic Manager ...	425 0 0	56 7 3	34 10 10	41 10 8	2 8 0	560 4 9	9th October 1878.	
G. R. P. Lloyd ...	Dy. do ...	175 0 0	40 15 11	13 7 1	...	8 12 0	238 3 0	7th April 1889.	
C. Lutchmeepathy Naidu ...	2nd Asst. T. Manager.	100 0 0	26 10 8	23 5 4	9 0 0	0 8 0	159 8 0	1st June 1870.	
A. Venkatakrishna Pillay ...	Shroff ...	20 0 0	7 5 3	...	...	1 0 0	28 5 3	1st April 1884.	
P. Sabapathy Moodelly ...	Clerk ...	20 0 0	1 4 8	...	...	1 0 0	22 4 8	18th October 1886.	
J. L. Pinto ..	do ..	20 0 0	3 12 3	...	...	1 0 0	24 12 3	14th January 1890.	
...	do ...	20 0 0	...	...	...	1 0 0	21 0 0	...	Vacant.
K. Etherajooloo Naidu ...	do ...	15 0 0	2 13 8	...	...	0 12 0	18 9 8	9th October 1886.	
...	do ...	12 0 0	...	...	...	0 9 7	12 9 7	...	Vacant.
M. Mukundoo Naidu ...	Weigher & Measurer.	12 0 0	1 9 10	...	...	0 9 7	14 3 5	1st April 1884.	
D. Mathan Singh ...	Hd. Cooly Supervisor.	30 0 0	...	0 3 6	...	1 8 0	31 11 6	14th March 1890.	
R. Shane ...	Night Watchman ...	20 0 0	...	...	...	0 12 0	15 12 0	24th November 1891.	On Rs. 15 only.
S. Ficker ...	do ...	15 0 0	...	...	...	0 12 0	15 12 0	25th June 1891.	
Narrayanasawmy ...	Peon ...	8 0 0	2 7 11	0 11 8	...	0 6 5	11 10 0	1st April 1884.	
T. Bashiam ...	do ...	8 0 0	1 1 6	0 7 9	...	0 6 5	9 15 8	13th September 1886.	
Baliah ...	do ...	8 0 0	0 7 2	0 1 9	...	0 6 5	8 15 4	1st April 1884.	
Vencatasawmy ..	do ...	7 0 0	...	...	...	0 5 7	7 5 7	8th July 1891.	
Viziaragavaloo ...	Messenger ...	5 0 0	...	...	...	0 4 0	5 4 0	6th July 1890.	
Mahomed Yacob ..	Scavenger ...	5 0 0	...	...	...	0 4 0	5 4 0	1st April 1884.	
	Total ...	925 0 0	145 0 1	72 15 11	50 10 8	22 12 0	1,211 6 8		

Schedule of the Staff of Officers and Servants employed under the Harbour Trust Board (Traffic Department) for the year 1892-93. Prepared under Section 21 of Act II of 1886—contd.

No.	Name.	Designation.	Salary per mensem.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem.	Date of Entertainment.	Remarks.
				Sundays and Holidays.	Overtime.					
	Pier Department.									
	D. Anthony ...	Boatswain ...	Rs. A. P. 60 0 0	Rs. A. P. 14 8 3	Rs. A. P. 4 10 10	Rs. A. P. ...	Rs. A. P. 6 0 0	Rs. A. P. 85 3 1	1st February 1864.	
	T. Coopoosawmy Moodelly ...	Traffic Overseer ...	29 0 0	6 5 4	3 4 9	...	1 7 2	40 1 3	24th June 1884.	
	V. Thungavaloo Moodelly ...	Coasting Shed Clerk..	20 0 0	4 0 0	3 14 6	...	1 0 0	28 14 6	20th May 1884.	
	P. Thungavaloo Moodelly ...	Pier Clerk ...	15 0 0	0 10 4	0 13 3	...	0 12 0	17 3 7	15th October 1886.	
	———	Clerk ..	12 0 0	...	...	...	0 9 7	12 9 7	...	Vacant.
	N. R. Kylasa Moodelly ...	Time-keeper ...	15 0 0	4 0 0	0 0 9	...	0 12 0	19 12 9	14th March 1890.	
	Moothoo Naidu ...	Cooly Supervisor ...	15 0 0	2 15 0	0 1 3	...	0 12 0	18 12 3	do.	
	Sabapathy Moodelly ...	do ...	15 0 0	3 7 0	0 2 0	...	0 12 0	19 5 0	do.	
	C. Narayunasawmy Moodelly ...	Tally Clerk ..	12 0 0	0 2 1	...	1 3 2	...	13 5 3	6th August 1874.	
	C. Singaram Moodelly ...	do ...	12 0 0	3 9 9	1 10 10	...	0 9 7	17 14 2	1st April 1884.	
	M. Arthemoolam Moodelly ...	do ...	12 0 0	2 11 0	0 9 0	..	0 9 7	15 13 7	do.	
	——— ...	do ...	12 0 0	...	...	...	0 9 7	12 9 7		
	A. Mooroogasa Moodelly ...	do ...	10 0 0	2 11 10	1 3 9	...	0 8 0	14 7 7	1st April 1884.	
	V. Cundasawmy Moodelly ...	do ...	10 0 0	2 11 10	1 1 10	...	0 8 0	14 5 8	do.	
	R. Rajagopal Naidu ...	do ...	10 0 0	1 13 3	1 0 9	...	0 8 0	13 6 0	1st June 1889.	
	C. Ruthnasabapathy Chetty ...	do ...	10 0 0	3 2 9	0 0 10	...	0 8 0	13 11 7	14th August 1889.	
	S. T. M. Boopathy Naidu ...	do ...	10 0 0	3 0 2	1 6 2	...	0 8 0	14 14 4	1st March 1890.	
	P. S. Thamboosawmy ..	do ...	10 0 0	0 13 9	0 3 8	...	0 8 0	11 9 5	7th September 1891.	
	M. Kristnasawmy Moodelly ..	do ...	10 0 0	...	...	...	0 8 0	10 8 0	15th do. 1891.	
	Jagannaikulu Naidu ...	do ...	10 0 0	2 11 0	0 9 0	...	0 8 0	13 12 0	24th April 1891.	
	C. John Glass ...	Tindal ...	14 0 0	3 14 7	1 15 11	1 6 5	...	21 4 11	October 1872.	
	M. Putchay ...	Lascar ...	8 0 0	1 12 3	1 4 6	0 8 6	...	11 9 3	8th January 1863.	
	R. Doorgoo ...	do ...	8 0 0	1 5 4	1 0 10	0 8 6	...	10 14 8	do 1879.	
	C. Puckey ...	do ...	8 0 0	...	...	0 8 6	...	8 8 6	16th May 1875.	
	C. Daniel ...	do ...	8 0 0	4 5 4	1 1 0	...	0 6 5	10 12 9	25th August 1886.	
	R. S. Bastian ...	do ...	8 0 0	1 3 3	0 10 0	...	0 6 5	10 3 8	19th August 1887.	
	S. Etherajooloo Razoo ...	Masalchee ...	11 0 0	...	...	...	0 8 10	11 8 10	1st April 1884.	
	T. Moossabegh ...	Duffadar ...	10 8 0	...	...	0 11 2	...	11 3 2	16th March 1872.	
	H. Baboo ...	do ...	10 8 0	...	...	...	0 8 5	11 0 5	15th February 1891.	
	C. Rungiah ...	Peon ..	8 0 0	...	...	0 8 6	...	8 8 6	2nd February 1864.	
	P. Ismail Khan ...	do ..	8 0 0	...	...	...	0 6 5	8 6 5	1st April 1884.	
	C. Moonoosawmy ...	do ...	8 0 0	...	...	...	0 6 5	8 6 5	do	
	C. Dorasawmy ...	do ...	8 0 0	...	...	...	0 6 5	8 6 5	do.	
	Shaik Madar ...	do ..	8 0 0	...	..	...	0 6 5	8 6 5	20th May 1889.	
	Abdool Rhyman ..	do ...	7 0 0	...	...	...	0 5 7	7 5 7	1st August 1887.	
		do ...	7 0 0	..	...	..	0 5 7	7 5 7	...	Vacant.
		do ...	7 0 0	..	...	...	0 5 7	7 5 7	...	Vacant.
		do ...	7 0 0	..	...	...	0 4 10	6 4 10	16th August 1890.	
	Lutchmiah ...	Night Watchman ...	6 0 0	...	...	...	0 4 10	6 4 10	do.	
	Pulliah ...	do ...	6 0 0	...	...	0 7 6	...	7 7 6	28th January 1875.	
	S. Panpiah ...	Sweeper ...	7 0 0	...	...	...	0 5 7	7 5 7	1st April 1885.	
	Vambooly ...	do ...	7 0 0	...	...	...				
		Total...	482 0 0	68 14 1	26 13 5	6 14 3	23 5 3	607 15 0		
	North Beach.									
	E. Abroe ...	Yard Foreman ...	25 0 0	0 8 8	...	...	1 4 0	26 12 8	12th May 1887.	
	J. Johnston ...	Time-keeper ...	15 0 0	0 13 5	...	...	0 12 0	16 9 5	1st March 1890.	
	M. Krishnasawmy Chetty ...	Weigher and Measurer	12 0 0	1 5 8	0 1 3	1 3 2	...	14 10 1	14th January 1883.	
	P. Appathoray Moodelly ...	Tally Clerk ...	10 0 0	1 13 3	0 13 4	...	0 8 0	13 2 7	1st April 1884.	
	G. Etherajooloo Chetty ...	do. ...	10 0 0	1 0 9	0 0 8	...	0 8 0	11 9 5	1st October 1886.	
	A. Sabapathy Naicker ...	do. ...	10 0 0	3 1 0	0 5 2	...	0 8 0	13 14 2	20th May 1885.	
	M. Ramasawmy Naicker ...	do. ...	10 0 0	0 9 6	0 3 0	...	0 8 0	11 4 6	18th October 1886.	
	Nagamoney Moodelly ...	do. ...	10 0 0	0 12 11	...	...	0 8 0	11 4 11	19th November 1891.	
	K. Subbroyaloo Naidu ...	do. ...	10 0 0	0 12 11	0 0 8	...	0 8 0	11 5 7	24th October 1891.	
	C. Cundasawmy ...	Duffadar ...	10 8 0	...	...	0 11 2	...	11 3 2	16th May 1864.	
	V. Ragavaloo ...	Peon ...	8 0 0	...	..	...	0 6 5	8 6 5	1st April 1884.	
	C. Appathoray ...	do. ...	8 0 0	...	...	...	0 6 5	8 6 5	18th October 1886.	
	Mahomed Ghouse ..	do. ...	7 0 0	...	...	...	0 5 7	7 5 7	do.	
	C. Perumall ...	do. ...	7 0 0	...	...	...	0 5 7	7 5 7	20th May 1884.	
	Mahomed Mustapha ..	do. ...	8 0 0	...	...	...	0 6 5	8 6 5	do.	
	Kristnasawmy ...	do. ...	7 0 0	...	...	...	0 5 7	7 5 7	23rd May 1890.	
	Aurokiasawmy ...	do. ...	7 0 0	...	...	...	0 5 7	7 5 7	12th May 1891.	
	Abdool Khawder ...	Sweeper ...	6 0 0	...	...	...	0 4 10	6 4 10	1st November 1887.	
		Total ...	180 8 0	10 14 1	1 8 1	1 14 4	7 14 5	202 10 11		
	South Beach.									
	H. Roberts ..	Crane Attender ...	30 0 0	7 1 7	1 5 3	...	1 8 0	39 14 10	1st April 1884.	
	T. Daugherty ...	Yard Foreman ...	20 0 0	1 14 2	...	...	1 0 0	22 14 2	5th April 1890.	
	P. Govindoo Reddy ...	Beach Overseer ..	19 0 0	4 8 3	2 3 6	...	0 15 2	26 10 11	20th May 1884.	
	E. Parthasarathy Naidu ...	Hd. Tally Clerk ...	15 0 0	2 2 1	0 0 3	...	0 12 0	17 14 4	18th April 1885.	
	T. Venkatachellum Naick ...	Cooly Supervisor ...	15 0 0	2 14 0	0 0 11	...	0 12 0	18 10 11	14th March 1890.	
	Carried over...		99 0 0	18 8 1	3 9 11	...	4 15 2	126 1 2		

Schedule of the Staff of Officers and Servants employed under the Harbour Trust Board (Traffic Department) for the year 1892-93. Prepared under Section 21 of Act II of 1886.

No.	Names.	Designation.	Salary per mensem.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem.	Date of Entertainment.	Remarks.
				Sundays and Holidays.	Overtime.					
	South Beach—contd		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
	T. Ganapathy Singh	Brought forward ...	99 0 0	18 8 1	3 9 11	...	4 15 2	126 1 2		
	P. Manicka Moodelly	.. Weigher & Measurer	12 0 0	2 9 3	1 1 10	...	0 9 7	16 4 8	1st April 1884.	
	C. Rajagopaul Naidu	... Gate Pass Clerk ...	12 0 0	1 5 8	...	..	0 9 7	13 15 3	7th October 1886.	
	T. Singaravaloo Moodelly	... Tally Clerk ...	10 0 0	1 10 9	0 12 1	...	0 8 0	12 14 10	17th do.	
	V. Venkatachellum Chetty	... do. ...	10 0 0	2 9 3	0 10 9	...	0 8 0	13 12 0	17th do.	
	S. Parthasarathy Rajoo	... do. ...	10 0 0	2 0 8	0 4 9	...	0 8 0	12 13 5	17th do.	
	T. Rajoo Moodelly	... do. ...	10 0 0	2 7 7	0 4 9	...	0 8 0	13 4 4	1st April 1884.	
	G. Koopoosawmy	... Duffadar ...	10 0 0	2 5 10	0 4 9	...	0 8 0	13 2 7	17th October 1889.	
	C. Bucthavachooloo	... Peon ...	13 8 0	...	...	0 11 2	0 2 5	14 5 7	20th July 1881.	
	Kissen Singh	... do. ...	8 0 0	...	...	...	0 6 5	8 6 5	1st April 1884.	
	T. Shaik Hoossain	... do. ...	8 0 0	...	...	...	0 6 5	8 6 5	do.	
	Theruvangadam	... do. ...	8 0 0	...	...	0 8 6	...	8 8 6	15th May 1870.	
	S Govindasawmy	... do. ...	7 0 0	...	...	...	0 5 7	7 5 7	1st November 1886.	
	Viziarungum	.. do. ...	7 0 0	...	...	...	0 5 7	7 5 7	29th October 1886.	
	P. Venkatasawmy	.. do. ...	8 0 0	...	...	...	0 6 5	8 6 5	15th September 1886.	
	Narayanasawmy	... Sweeper ...	7 0 0	...	...	...	0 5 7	7 5 7	1st June 1886.	
		Total ...	6 0 0	...	...	...	0 4 10	6 4 10	1st November 1890.	
			245 8 0	33 9 1	7 0 10	1 3 8	11 5 7	298 11 2		
	Combustible Shed.									
	P. Masilamoney Moodelly	... Head Tally Clerk ...	12 0 0	1 10 10	0 9 6	...	0 9 7	14 13 11	1st April 1884.	
	Chinnakrishnama Naidu	... Tally Clerk ...	10 0 0	...	...	...	0 8 0	10 8 0	11th March 1891.	
	T. Goolam Hoosain	... Peon. ...	8 0 0	...	...	0 8 6	...	8 8 6	15th March 1870.	
	Shunmoogam Pillay	... do ...	8 0 0	...	...	...	0 6 5	8 6 5	15th September 1886.	
	Beegum Singh	... do ...	7 0 0	...	...	...	0 5 7	7 5 7	1st April 1889.	
	T. Parthasarathy Moodelly	... do ...	7 0 0	...	...	...	0 5 7	7 5 7	3rd October 1890.	
		Total ...	52 0 0	1 10 10	0 9 6	0 8 6	2 3 2	57 0 0		
	Customs Yard.									
	N. Runganatha Naicker	... Head Clerk ...	30 0 0	0 12 11	...	2 8 0	...	33 4 11	4th June 1875.	
	C. M. Perumall Moodelly	.. Clerk ...	20 0 0	0 12 1	...	...	...	20 12 1	20th May 1884.	
	G. Soobbanarayana Iyer	... do ...	10 0 0	...	...	...	0 8 0	10 8 0	1st June 1888.	
		Head Abstract Clerk.	25 0 0	...	...	...	1 4 0	26 4 0	...	Vacant.
		Abstract Clerk ...	15 0 0	...	...	...	0 12 0	15 12 0	..	do.
		do.	12 0 0	...	...	...	0 9 7	12 9 7	...	do.
		do.	12 0 0	...	...	...	0 9 7	12 9 7	..	do.
	C. Neelakanta Row Naidu	... Weigher & Measurer.	12 0 0	0 6 2	...	...	0 9 7	12 15 9	1st April 1884.	
	M. Vanoogopaul Moodelly	.. do. ...	12 0 0	0 5 2	...	...	0 9 7	12 14 9	18th October 1886.	
	Aroomoogum Moodelly	... Tally Clerk ...	10 0 0	0 4 2	0 1 0	...	0 8 0	10 13 2	1st March 1890.	
	T. Gibbs	... do. ...	10 0 0	2 2 5	1 2 3	...	0 8 0	13 12 8	17th April 1890.	
	C. Narasimulu Naidu	... Gate Clerk ...	10 0 0	0 5 1	...	...	0 8 0	10 13 1	18th March 1890.	
	S. Gopaul Singh	... do. ...	10 0 0	...	...	...	0 8 0	10 8 0	do.	
	C. Narayanasawmy Naidu	... do. ...	10 0 0	...	...	...	0 8 0	10 8 0	do.	
	C. Perumall	... Peon ...	8 0 0	...	...	...	0 6 5	8 6 5	20th September 1884.	
	——	... do. ...	7 0 0	...	...	...	0 5 7	7 5 7	...	Vacant.
	——	... do. ...	7 0 0	...	...	...	0 5 7	7 5 7	...	do.
	Pentiah	... Sweeper ...	6 0 0	...	...	...	0 4 10	6 4 10	1st October 1888.	
	Ramasawmy	... do. ...	5 0 0	...	...	...	0 4 0	5 4 0	7th January 1891.	
		Total ...	231 0 0	5 0 0	1 3 3	2 8 0	9 0 9	248 12 0		
	Iron Yard.									
	T. Munesawmy Moodelly	... Clerk ...	30 0 0	3 4 3	0 12 3	1 14 5	0 8 10	36 7 9	8th July 1872.	
	H. Roscrow	... do. ...	30 0 0	0 10 4	...	...	1 8 0	32 2 4	1st August 1887.	
	——	... do. ..	20 0 0	...	...	...	1 0 0	21 0 0	...	do.
		Total ...	80 0 0	3 14 7	0 12 3	1 14 5	3 0 10	89 10 1		
	Cassimode Timber Depôt.									
	M. C. Coopoo Row Naidu	... Head Clerk ...	25 0 0	0 6 5	...	...	1 4 0	26 10 5	17th October 1886.	
	G. Streenevasuloo Naidu	... Depôt Clerk ...	15 0 0	2 4 2	1 9 5	...	0 12 0	19 9 7	do.	
	M. Arumooga Moodelly	... Weigher & Measurer.	12 0 0	1 6 4	0 11 3	...	0 9 7	14 11 2	1st October 1886.	
	A. Ramanjam Moodelly	... do. ...	12 0 0	...	...	...	0 9 7	12 9 7	do.	
	W. S. Fatheahmed Saib	... Tally Clerk ...	10 0 0	0 10 4	0 4 1	...	0 8 0	11 6 5	2nd April 1884.	
	J. Gabriel	... do. ...	10 0 0	0 10 4	0 3 3	...	0 8 0	11 5 7	13th August 1889.	
	M. Yacoob Khan	... Peon ...	8 0 0	...	...	...	0 6 5	8 6 5	1st April 1884.	
	Carried over ...		92 0 0	5 5 7	2 12 0	...	4 9 7	104 11 2		

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Schedule of the Staff of Officers and Servants employed under the Harbour Trust Board (Traffic Department) for the year 1892-93. Prepared under Section 21 of Act II. of 1886—contd.

No.	Name.	Designation.	Salary per mensem.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem.	Date of Entertainment.	Remarks.
				Sundays and Holidays.	Overtime.					
	Cassimode Timber Depót (contd.)		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
	M. Valoo Moodelly	Brought forward...	92 0 0	5 5 7	2 12 0	...	4 9 7	104 11 2		
	P. Mooroogasa Moodelly ...	Peon ...	8 0 0	...	...	...	0 6 5	8 6 5	26th August 1886.	
	Mathan Singh ...	do ...	8 0 0	...	...	...	0 6 5	8 6 5	1st April 1884.	
	A. Vurthappan ...	do ...	7 0 0	...	...	...	0 5 7	7 5 7	8th March 1887.	
			7 0 0	...	...	...	0 5 7	7 5 7	24th April 1891.	
		Total ...	122 0 0	5 5 7	2 12 0	...	6 1 7	136 3 2		
	Harbour Trust Properties Establishment.									
	Abdul Guffur ...	Watchman ...	6 0 0	...	...	...	0 4 10	6 4 10	1st July 1887.	Vacant.
	R. Veerasawmy ...	do. ...	6 0 0	...	...	...	0 4 10	6 4 10	22nd August 1890.	
	...	do. ...	6 0 0	...	...	...	0 4 10	6 4 10	1st July 1887.	
	...	Gardener ...	3 0 0	...	...	...	...	3 0 0	...	do.
		Total ...	21 0 0	...	...	...	0 14 6	21 14 6		
	Preventive Service Establishment.									
	J. Cassin									
	H. Graves ...	Preventive Officer ...	70 0 0	18 13 1	11 10 8	...	3 8 0	103 15 9	27th November 1885.	Custom House.
	W. Thompson ...	do ...	65 0 0	18 11 2	12 12 8	...	3 4 0	99 2 10	1st April 1884.	Screw Pile Pier.
	H. E. Cuffley ...	do ...	60 0 0	13 8 9	8 7 6	...	3 0 0	85 0 3	27th November 1885.	South Beach.
	J. Johnstone ...	do ...	60 0 0	16 2 1	12 8 0	...	3 0 0	91 10 1	1st April 1884.	North Beach.
	E. J. Reiley ...	do ...	50 0 0	12 4 2	6 15 0	...	2 8 0	71 11 2	do	
	R. Holding ...	do ...	50 0 0	9 15 2	3 8 7	...	2 8 0	65 10 9	do.	
	R. P. Collins ...	do ...	50 0 0	9 6 6	3 15 6	...	2 8 0	65 14 0	do.	
	S. J. Broom ...	do ...	50 0 0	9 10 10	1 5 46	...	2 8 0	63 8 4	1st April 1884.	
	P. Lee ...	do ...	50 0 0	10 12 1	4 5 11	...	2 8 0	67 10 0	25th December 1878.	
	J. W. S. Cooke ...	do ...	50 0 0	9 0 1	4 5 11	...	2 8 0	65 14 0	26th November 1885.	
			50 0 0	10 7 9	2 8 10	...	2 8 0	65 8 7	10th December 1885.	
	B. Staggs ...	do ...	50 0 0	9 6 6	2 8 10	...	2 8 0	64 7 4	27th November 1885.	
	P. B. Cooper ...	do ...	50 0 0	10 7 8	4 7 0	...	...	64 14 8	4th December 1882.	
	R. J. Meneaud ...	do ...	50 0 0	4 4 10	1 0 2	...	2 8 0	57 13 0	1st April 1884.	
	G. R. Dalby ...	do ...	50 0 0	8 5 4	2 2 5	...	2 8 0	62 15 9	12th October 1886.	
	W. J. Maxworth ...	do ...	50 0 0	9 10 10	2 8 10	...	2 8 0	64 11 8	29th December 1887.	
	H. A. Orton ...	do ...	50 0 0	10 12 1	2 4 7	...	2 8 0	65 8 8	16th December 1886.	
	H. E. Thurgood ...	do ...	50 0 0	7 8 5	3 3 7	...	2 8 0	63 4 0	8th November 1887.	
	A. Martin ...	do ...	50 0 0	6 7 3	1 3 4	...	2 8 0	60 2 7	1st January 1885.	
	H. Dennison ...	do ...	50 0 0	1 9 10	0 4 4	...	2 8 0	54 6 2	3rd December 1891.	
		Total...	1,055 0 0	207 4 5	91 5 2	...	50 4 0	1,403 13 7		
	Boat Establishment.									
	Govindan ...	Tindal ...	12 0 0	...	...	...	0 9 7	...	9th October 1886.	
	P. Jadarayan ...	Boatman ...	10 0 0	...	...	...	0 8 0	...	1st April 1870.	
	T. Lutchmanan ...	do ...	10 0 0	...	...	...	0 8 0	...	16th November 1885.	
	P. Anthonyappen ...	do ...	10 0 0	...	...	...	0 8 0	...	16th April 1873.	
	C. Dorasawmy ...	do ...	10 0 0	...	...	...	0 8 0	...	24th October 1878.	
	R. Mooroogasan ...	do ...	10 0 0	...	...	...	0 8 0	...	1st September 1878.	
	R. Vencatasawmy ...	do ...	10 0 0	...	...	...	0 8 0	...	24th March 1880.	
	Manikum ...	do ...	10 0 0	...	...	...	0 8 0	...	December 1890.	
	P. Valoo ...	do ...	10 0 0	...	...	...	0 8 0	...	4th June 1884.	
	Shanee ...	do ...	10 0 0	...	...	...	0 8 0	...	4th June 1883.	
		Total ...	102 0 0	...	...	...	5 1 7	107 1 7		

Secretary, Harbour Trust Board.

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SUMMARY.

—	Salaries.	Outfees and Overtime.	Contributions towards Pensions.	Contributions towards Provident Fund.	Total.
Office Establishment.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Correspondence Dept. ...	310 0 0	10 0 5	0 8 6	15 0 1	335 9 0
Account Department ...	554 0 0	23 11 9	0 8 6	27 4 9	605 9 0
Cash Department ...	225 0 0	37 13 4	5 8 6	12 5 7	280 11 5
Total per mensem ...	1,089 0 0	71 9 6	6 9 6	54 10 5	1,249 13 5
" per annum ...	13,068 0 0	859 2 0	79 2 0	655 13 0	14,998 1 0
Out-Door Establishment.					
Traffic Department ...	925 0 0	218 0 0	50 10 8	22 12 0	1,211 6 8
Pier Department ...	482 0 0	95 11 6	6 14 3	23 5 3	607 15 0
North Beach	180 8 0	12 6 2	1 14 4	7 14 5	202 10 11
South Beach	245 8 0	40 9 11	1 3 8	11 5 7	298 11 2
Iron Yard	80 0 0	4 10 10	1 14 5	3 0 10	89 10 1
Combustible Shed ...	[illegible]	[illegible]	0 8 6	2 3 2	57 0 0
Customs Yard	231 0 0	6 3 3	2 8 0	9 0 9	248 12 0
Cassimode Timber Depôt.	122 0 0	8 1 7	...	6 1 7	136 3 2
Harbour Trust Properties.	21 0 0	...	...	0 14 6	21 14 6
Total per mensem ...	2,339 0 0	387 15 7	65 9 10	86 10 1	2,874 3 6
" per annum ...	28,068 0 0	4,655 11 0	787 6 0	1039 9 0	34,490 10 0
Preventive Service.					
Officers	1,055 0 0	298 9 7	...	50 4 0	1,403 13 7
Boatmen	102 0 0	...	...	5 1 7	107 1 7
Total per mensem ...	1,157 0 0	298 9 7	...	55 5 7	1,510 15 2
" per annum ...	13,884 0 0	3,583 3 0	...	664 3 0	18,141 6 0

MADRAS,
February 1892.

Secretary, Harbour Trust Board

SCHEDULE

OF THE

STAFF OF OFFICERS AND SERVANTS

EMPLOYED UNDER

THE HARBOUR TRUST BOARD

FOR THE YEAR

1892-93.

ENGINEER'S ESTABLISHMENT.

[*Under Section* 21 *of Act II of* 1886.]

Madras:
PRINTED AT THE LAWRENCE ASYLUM PRESS, MOUNT ROAD,
1892

MADRAS HARBOUR WORKS.

Office Establishment.

Schedule of the Staff of Officers and Servants employed under the Harbour Trust for the year 1892-93. Prepared under Section 21 of Act II of 1886

No.	Names.	Designation.	Rate of salary per mensem, 1891-92.	Increased rate due per mensem for 1892-93.	Average rate of salary per mensem, 1892-93.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem, 1892-93.	Office.	Works.	Remarks.
						Sundays and Holidays.	Overtime.						
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
	Engineer.												
1	A. Lee Pogson, A.M.I.C.E.	Engineer, H. T. Bd.	983 5 4	...	*638 11 3	...	...	...	31 14 6	670 9 9	...	...	*On furlough for 1 year, from 27th Nov. 1891 to 26th Nov. 1892. Moiety of pay for 8 months at Rs. 458-6-11 and full pay for 4 months at Rs. 1,000
1A	F. J. Wilson .. Presidency Allowance. House Rent ...	Ag. Engr., H.T. Bd.	600 0 0 100 0 0 45 0 0	... ...	600 0 0 100 0 0 45 0 0	...	...	150 0 0	...	895 0 0	...	...	
2	R. W. Thompson	Asst. Engr., H.T. Bd.	600 0 0	...	600 0 0	...	...	...	30 0 0	630 0 0	...	...	
			2,328 5 4	...	1,983 11 3	...	...	150 0 0	61 14 6	2,195 9 9	...	...	
	Upper Subordinate.												
3	B. C. Dumphy ...	Sub-Engineer ...	400 0 0	...	400 0 0	...	...	...	20 0 0	420 0 0	...	...	
4	W. S. Boteler ...	General Foreman ...	350 0 0	...	350 0 0	39 10 9	...	...	17 8 0	407 2 9	...	39 10 9	
5	G. Gunther ...	Mechanical or Foreman Engineer.	350 0 0	...	350 0 0	30 7 5	...	...	17 8 0	397 15 5	...	30 7 5	
6	C. Underdown ...	Foreman Diver ...	350 0 0	...	350 0 0	82 15 4	...	...	17 8 0	450 7 4	...	82 15 4	
			1,450 0 0	...	1,450 0 0	153 1 6	...	...	72 8 0	1,675 9 6	...	153 1 6	
	Store Establishment.												
7	A. A. Hector ...	Storekeeper ...	140 0 0	10 0 0	150 0 0	9 5 4	...	...	7 0 0	166 5 4	...	9 5 4	1st April 1892.
8	J. M. Berlie ...	Asst. Storekeeper as Clerk, 3rd Class, 3rd Grade.	60 0 0	...	60 0 0	...	...	...	3 0 0	63 0 0	...	...	
9	P. Vencata Row ..	Godownkeeper as Clerk, 4th Class, 3rd Grade.	28 0 0	2 0 0	30 0 0	1 13 4	...	...	1 8 0	33 5 4	...	1 13 4	From 1st July 1892.
			228 0 0	...	240 0 0	11 2 8	...	...	11 8 0	262 10 8	...	11 2 8	

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MADRAS HARBOUR WORKS.

Office Establishment.

Schedule of the Staff of Officers and Servants employed under the Harbour Trust for the year 1892-93. Prepared under Section 21 of Act II of 1886

No.	Names.	Designation.	Rate of salary per mensem, 1891-92.	Increased rate due per mensem for 1892-93.	Average rate of salary per mensem, 1892-93.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem, 1892-93.	Office.	Works.	Remarks.
						Sundays and Holidays.	Overtime.						
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
	Engineer.												
1	A. Lee Pogson, A.M.I.C.E.	Engineer, H. T. Bd.	983 5 4	...	*638 11 3	...	...	...	31 14 6	670 9 9	...	...	*On furlough for 1 year, from 27th Nov. 1891 to 26th Nov. 1892. Moiety of pay for 8 months at Rs. 1,277-8 and full pay for 4 months at Rs. 1,000
1A	F. J. Wilson ..	Ag. Engr., H.T. Bd.	600 0 0	...	600 0 0	...	...	150 0 0	...	895 0 0	...	...	
	Presidency Allowance.		100 0 0	...	100 0 0								
	House Rent ...		45 0 0	...	45 0 0								
2	R. W. Thompson	Asst. Engr., H.T. Bd.	600 0 0	...	600 0 0	...	...	...	30 0 0	630 0 0	...	...	
			2,328 5 4	...	1,983 11 3	...	...	150 0 0	61 14 6	2,195 9 9	...	...	
	Upper Subordinate.												
3	B. C. Dumphy ...	Sub-Engineer ...	400 0 0	...	400 0 0	...	...	...	20 0 0	420 0 0	...	...	
4	W. S. Boteler ...	General Foreman ...	350 0 0	...	350 0 0	39 10 9	...	...	17 8 0	407 2 9	...	39 10 9	
5	G. Gunther ...	Mechanical or Foreman Engineer.	350 0 0	...	350 0 0	30 7 5	...	...	17 8 0	397 15 5	...	30 7 5	
6	C. Underdown ...	Foreman Diver ...	350 0 0	...	350 0 0	82 15 4	...	...	17 8 0	450 7 4	...	82 15 4	
			1,450 0 0	...	1,450 0 0	153 1 6	...	...	72 8 0	1,675 9 6	...	153 1 6	
	Store Establishment.												
7	A. A. Hector ...	Storekeeper ...	140 0 0	10 0 0	150 0 0	9 5 4	...	...	7 0 0	166 5 4	...	9 5 4	1st April 1892.
8	J. M. Berlie ...	Asst. Storekeeper as Clerk, 3rd Class, 3rd Grade.	60 0 0	...	60 0 0	...	...	....	3 0 0	63 0 0	...	...	
9	P. Vencata Row ..	Godownkeeper as Clerk, 4th Class, 3rd Grade.	28 0 0	2 0 0	30 0 0	1 13 4	...	...	1 8 0	33 5 4	...	1 13 4	From 1st July 1892.
			228 0 0	...	240 0 0	11 2 8	...	...	11 8 0	262 10 8	...	11 2 8	

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Schedule of the Staff of Officers and Servants employed under the Harbour Trust for the year 1892-93. *Prepared under Section* 21 *of Act II of* 1886.—(continued).

No.	Names.	Designation.	Rate of salary per mensem, 1891-92.	Increased rate due per mensem for 1892-93.	Average rate of salary per mensem, 1892-93.	Average Rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem, 1892-93.	Office.	Works.	Remarks.
						Sundays and Holidays.	Overtime.						
	Office Accounts Establishment.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
10	G. Moothoosawmy Naidu.	Acctt., 4th Grade ...	150 0 0	...	150 0 0	...	...	25 0 0	...	215 0 0	...	...	
	Presidency Allowance.	...	30 0 0										
	House rent ...	...	10 0 0		40 0 0								
11	P. Kristnasawmy Moodlr.	Cashier as Clerk, 3rd Class, 3rd Grade.	60 0 0	...	60 0 0	...	...	...	3 0 0	63 0 0	...	...	
12	C. M. Thanigachalla Moodlr.	Clerk, 4th Class, 1st Grade.	50 0 0	...	50 0 0	...	...	...	2 8 0	52 8 0	...	...	
13	W. Venkatakristnama Naidu.	Clerk, 4th Class, 2nd Grade.	30 0 0	...	30 0 0	...	...	...	1 8 0	31 8 0	...	...	
			330 0 0	...	330 0 0	...	...	25 0 0	7 0 0	362 0 0	...	...	
	Engineer's Establishment.												
14	Isaac D'Costa ...	Head Clerk as Clerk, 3rd Class, 1st Grade.	96 0 0	4 0 0	100 0 0	...	...	...	5 0 0	105 0 0	...	...	From 1st February 1892.
15	J. E. Boyle ...	Clerk, 4th Class, 2nd Grade.	40 0 0	...	40 0 0	...	...	...	2 0 0	42 0 0	...	...	
16	W. C. Ritchie ...	Clerk, 4th Class, 2nd Grade.	38 0 0	2 0 0	40 0 0	...	...	...	2 0 0	42 0 0	...	...	„ 1st September 1892.
17	M. Rungia Naidu ...	Draughtsman, 1st Class.	62 0 0	4 0 0	66 0 0	...	7 13 2	...	3 4 10	77 2 0	...	7 13 2	„ 1st September 1892.
18	A. Jagannaicooloo Naidu.	Do. 2nd Class ...	50 0 0	..	50 0 0	...	1 5 1	...	2 8 0	53 13 1	...	1 5 1	
	Asst. Engineer's Establishment.		286 0 0	...	296 0 0	...	9 2 3	...	14 12 10	319 15 1	...	9 2 3	
19	J. Manuel ...	Clerk, 4th Class, 1st Grade.	50 0 0	...	50 0 0	...	...	...	2 8 0	52 8 0	...	...	
20	M. Moonoosawmy Row...	Survyr. as Draughtsman, 1st Class.	70 0 0	...	70 0 0	...	6 7 6	...	3 8 0	79 15 6	...	6 7 6	
			120 0 0	...	120 0 0	...	6 7 6	...	6 0 0	132 7 6	...	6 7 6	
	Sub-Engineer's Establishment.												
21	P. C. Dorasawmy Pillay.	Timekeeper, as Clerk, 4th Class, 1st Grade.	50 0 0	...	50 0 0	7 0 5	...	...	2 8 0	59 8 5	...	7 0 5	
22	P. Narrayanasawmy Naicker.	Clerk, 4th Class, 2nd Grade.	40 0 0	...	40 0 0	7 7 9	...	...	2 0 0	49 7 9	...	7 7 9	
23	T. Vigiyarungum Naidu.	Draughtsman, 3rd Class.	28 0 0	2 0 0	30 0 0	...	0 5 6	...	1 8 0	31 13 6	...	0 5 6	From 1st October 1892.
			118 0 0	...	120 0 0	14 8 2	0 5 6	...	6 0 0	140 13 8	...	14 13 8	
	Peons and Lascars.												
24	P. Chellapa Naicker ...	Peon	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
25	Abdul Razack ...	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
26	Curreem Mohideen ...	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
27	K. Rungasawmy Moodly.	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
28	K. Maduralingum Pillay.	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
29	P. Abboy Naidu ...	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
30	T. Ruthnum Moodly ...	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
31	M. Rajoo Pillay ...	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
32	M. Kristnasawmy Naidu.	Lascar	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
33	P. Sawmy Row ...	do	7 0 0	...	7 0 0	...	...	...	0 5 7	7 5 7	...	...	
34	———	Dhoby	1 8 0	...	1 8 0	...	...	...	...	1 8 0	...	...	
			71 8 0	...	71 8 0	...	...	...	3 7 10	74 15 10	...	...	...
		Total...	4,931 13 4	..	4,611 3 3	178 12 4	15 15 3	175 0 0	183 3 2	5,164 2 0	...	194 11 7	...

HARBOUR WORKS' OFFICE,
Madras, 6th February, 1892.

F. J. WILSON,
Ag. Engineer, Harbour Trust Board.

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MADRAS HARBOUR WORKS.

Work Establishment—Monthly paid Men.

Schedule of Staff of Officers and Servants employed under the Harbour Trust for the year 1892-93.

	Names.	Designation.	Rate of salary per mensem, 1891-92.	Increased rate due per mensem for 1892-93.	Salary per mensem 1892-93.	Average rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem 1892-93.	Office.	Works.	Remarks.
						Sundays and Holidays.	Overtime.						
	Divers' Establishment.		Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.		Rs. A. P.	Rs. A. P.			
1	Michael Claish	Diver	200 0 0	...	200 0 0	...	26 0 0	...	10 0 0	236 0 0	...	...	
2	Anthoney Micetich	do	180 0 0	..	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
3	Michael Voyvodich	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
4	Charles Muster	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
5	William Gear	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
6	Anthoney Persich	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
6a	——	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
7	Mohomed Currim	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
8	H. Dawson	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
9	F. Hudson	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
10	R. Underdown	do	180 0 0	...	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
11	G. Gilbert	do	180 0 0	..	180 0 0	...	30 0 0	...	9 0 0	219 0 0	...	...	
12	David Jeffries	Signalman	90 0 0	...	90 0 0	...	36 0 0	...	4 8 0	130 8 0	...	...	
13	T. Hortin	do	90 0 0	...	90 0 0	...	36 0 0	...	4 8 0	130 8 0	...	...	
14	W. Brammer	Ag. Diver	90 0 0	...	90 0 0	...	36 0 0	...	4 8 0	130 8 0	...	...	
15	E. Claish	Signalman	90 0 0	..	90 0 0	...	36 0 0	...	4 8 0	130 8 0	...	...	
16	E. J. Campbell	do	90 0 0	...	90 0 0	...	36 0 0	...	4 8 0	130 8 0	...	...	
17	J. Newman	do	90 0 0	...	90 0 0	...	36 0 0	...	4 8 0	130 8 0	...	...	
18	S. R. Dean	do	90 0 0	...	90 0 0	...	36 0 0	...	4 8 0	130 8 0	...	...	
19	Bauboo	2. Boat Syrang	26 0 0	...	26 0 0	...	8 0 0	...	1 4 10	35 4 10	...	...	
20	Ponnoovaloo	Boatman.	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
21	P. Soobroyen	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
22	Cunniappen	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
23	Shanmooghum	Boatman	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
24	Moonoosawmy	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
25	Pariasawmy	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
26	Siomen	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
27	Mathuray	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
28	Appoo	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
29	M. Narainasawmy	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
30	Chinnien	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
31	Mooroogappa Chetty	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	..	...	
32	Govinden	C. Man	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
33	Moonian	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
34	Veerappen	B. Watchman	20 0 0	...	20 0 0	...	...	...	1 0 0	21 0 0	...	...	
35	Kitharee	No. 1. Boat Syrang	26 0 0	...	26 0 0	...	8 0 0	...	1 4 10	35 4 10	...	...	
36	M. Moonesawmy	Boatman	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
37	Paupiah	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
38	B. Veerasawmy	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
39	Ruthenum	do	18 0 0	..	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
40	Shaik Amed	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
41	Chinnoosawmy	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
42	Narayanasawmy	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
43	Lazar	do	18 0 0	...	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
44	Adaculam	do	18 0 0	...	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
45	Rajagopaul	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
46	Thamiansaw	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
47	Gnanathickum	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
48	Thungavalu	C. Man	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
49	Valmooney	do	18 0 0	...	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
50	Sunthanum	B. Watchman	20 0 0	...	20 0 0	...	...	...	1 0 0	21 0 0	...	...	
51	Saboo	III B. Syrang	23 0 0	3 0 0	26 0 0	..	8 0 0	...	1 4 10	35 4 10	...	...	
52	Lazar	Boatman	18 0 0	...	18 0 0	..	5 0 0	...	0 14 5	24 14 5	...	...	
53	Yaloomalay	do	18 0 0	..	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
54	Parianaigum	do	18 0 0	..	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
55	Ponnoosawmy	do	18 0 0	...	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
56	Manickum	do	18 0 0	...	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
57	Abel	do	18 0 0	.	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
58	Royappen	do	18 0 0	..	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
59	Coothunden	do	18 0 0	...	18 0 0	..	6 0 0	..	0 14 5	24 14 5	...	...	
60	Coopoosawmy	do	18 0 0	..	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
61	Moonesawmy	do	18 0 0	..	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
62	Iyacunnoo	do	18 0 0	..	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
63	Chithambaram	do	18 0 0	..	18 0 0	...	6 0 0	...	0 14 5	24 14 5	...	...	
		Carried over	3,615 0 0	..	3,648 0 0	...	272 0 0	...	182 7 2	4,702 7 2	...	...	

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Schedule of Staff of Officers and Servants employed under the Harbour Trust for the year 1892-93.—continued.

No.	Names.	Designation.	Rate of salary per mensem, 1891-92.	Increased rate due per mensem for 1892-93.	Salary per mensem, 1892-93.	Average rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem, 1892-93.	Office.	Works.	Remarks.
						Sundays and Holidays.	Overtime.						
			Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.		Rs. A. P.	Rs. A. P.			
		Brought forward ...	3,645 0 0	...	3,648 0 0	...	872 0 0	...	182 7 2	4,702 7 2	...	...	
64	Nagappen ...	C. Man ...	18 0 0	...	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
65	Veerappen ...	do ...	18 0 0	..	18 0 0	..	6 0 0	...	0 14 5	24 14 5	...	...	
66	Erusappa Chetty ...	III B. W. Man ...	20 0 0	..	20 0 0	..	...	..	1 0 0	21 0 0	...	...	
67	Solomon ...	Sailmaker ...	23 0 0	..	23 0 0	...	10 0 0	...	1 2 5	34 2 5	...	...	
68	Santhanum ...	do ...	16 0 0	...	16 0 0	...	7 0 0	...	0 12 10	23 12 10	...	...	
69	Mathuray ...	N. P. D. Cooly ...	13 0 0	...	13 0 0	...	6 0 0	...	0 10 5	19 10 5	...	...	
70	Ramasamy ...	S. P. do ...	13 0 0	...	13 0 0	...	6 0 0	...	0 10 5	19 10 5	...	...	
71	—— ...	N. P. Water Boy ...	...	...	...	...	...	...	...	...	...	...	
	General Foreman's Establishment.		3,766 0 0	..	3,769 0 0	...	913 0 0	...	188 8 1	4,870 8 1	..	...	
72	J. H. Lowe ...	S. P. Foreman ...	300 0 0	...	300 0 0	20 0 0	25 0 0	..	15 0 0	360 0 0	...	...	
73	Valaytha Auchary ...	Carpenter do ..	70 0 0	...	70 0 0	...	...	..	3 8 0	73 8 0	...	...	
74	T. J. Nero ...	Inspector ...	75 0 0	...	75 0 0	...	30 0 0	..	3 12 0	108 12 0	...	...	
75	—— ...	Blockmaking Foreman	...	...	...	...	...	...	...	...	...	...	
76	James Long ...	Asst. do ..	60 0 0	10 0 0	70 0 0	...	22 0 0	..	3 8 0	95 8 0	...	...	
	Mechanical Engineer's Establishment.		505 0 0	...	515 0 0	20 0 0	77 0 0	...	25 12 0	637 12 0	...	...	
77	J. Higgins ...	Loco. Engine Driver.	104 0 0	...	104 0 0	...	71 0 0	...	5 3 2	180 3 2	...	...	
78	C. Omally ...	do ...	104 0 0	...	104 0 0	...	69 0 0	..	5 3 2	178 3 2	...	...	
79	A. E. O'Keeffe ...	do ...	104 0 0	...	104 0 0	...	69 0 0	..	5 3 2	178 3 2	...	...	
80	F. Paul ...	Fitter ...	91 0 0	...	91 0 0	...	35 0 0	..	4 8 10	130 8 10	...	...	
81	E. H. Edwards ...	S. P. Titan Driver ...	104 8 0	...	104 0 0	...	40 0 0	..	5 3 2	149 3 2	...	...	
82	S. Soaris ...	W. Br. Driver ...	104 8 0	...	104 0 0	...	40 0 0	..	5 3 2	149 3 2	...	...	
83	J. W. Vanderputt ...	Turner ...	91 0 0	...	91 0 0	...	19 0 0	..	4 8 10	114 8 10	...	...	
84	Alexander Minnie ...	N. P. T. Driver ...	104 0 0	...	104 0 0	...	50 0 0	..	5 3 2	159 3 2	...	...	
85	J. H. Brown ...	Fitter ...	130 0 0	...	130 0 0	...	55 0 0	...	6 8 0	191 8 0	...	...	From 1st April 1892.
86	P. Conner ...	Stv. Engine Driver...	65 0 0	13 0 0	78 0 0	...	30 0 0	...	3 14 5	111 14 5	...	...	
87	N. Parthasarathy ...	Writer ...	25 0 0	...	25 0 0	...	15 0 0	...	1 4 0	41 4 0	...	...	
88	W. D'Rosa ...	Loco Engine Driver...	65 0 0	...	65 0 0	...	20 0 0	...	3 4 0	88 4 0	...	...	
89	S. P. Higgins ...	Fireman ...	19 8 0	...	19 8 0	...	8 0 0	...	0 15 7	28 7 7	...	...	
90	Rajacunnoo ...	Braker ...	13 0 0	...	13 0 0	...	4 0 0	...	0 10 5	17 10 5	...	...	
91	Goolamier ..	Fireman ...	26 0 0	...	26 0 0	...	8 0 0	...	1 4 10	35 4 10	...	...	
	Storekeeper's Establishment.		1,149 8 0	...	1,162 8 0	...	533 0 0	...	58 1 11	1,753 9 11	...	...	
92	Manicka Moodily ...	Writer ...	18 0 0	...	18 0 0	...	...	...	0 14 5	18 14 5	...	...	
93	Moorcogasa Moodily ...	Cement Corocapilly .	17 0 0	...	17 0 0	...	7 0 0	...	0 13 7	24 13 7	...	...	
94	K. C. Narainasawmy Naidoo	Do. Tally Clerk ...	14 0 0	...	14 0 0	...	3 0 0	...	0 11 2	17 11 2	...	...	
95	Perumaul Naidoo ...	Beach Conocapilly ...	13 0 0	..	13 0 0	...	3 0 0	...	0 10 5	16 10 5	...	...	
	General Duties.		62 0 0	...	62 0 0	...	13 0 0	...	3 1 7	78 1 7	..	...	
96	A. Ignatio ...	P. W. Inspector .	120 0 0	...	120 0 0	16 0 0	...	...	6 0 0	142 0 0	..	...	
97	—— ...	Inspector ...	...	...	...	...	...	...	...	...	...	...	
99	G. F. Dymond ...	Head Watchman ...	55 0 0	...	55 0 0	...	...	...	2 12 0	57 12 0	...	...	
100	T. Cunthaswmy Naidoo ...	Asst. Timekeeper ...	30 0 0	...	30 0 0	...	10 0 0	...	1 8 0	41 8 0	...	...	
101	Narasiah Naidoo ...	S. P. Writer ...	14 0 0	...	14 0 0	...	1 0 0	...	0 11 2	15 11 2	...	...	
102	Parthasarathy ...	Survey Maistry ...	8 0 0	..	8 0 0	...	...	...	0 6 5	8 6 5	...	...	
103	P. Coopooswmy Iyah ...	Temporary Draftsman	15 0 0	...	15 0 0	...	...	...	...	15 0 0	...	...	
104	Sawmy Naidoo ...	Tide Gauge Reader...	15 0 0	...	15 0 0	...	...	...	0 12 0	15 12 0	...	...	
105	Vancat Reddy ...	Survey Boat Syrang.	40 0 0	...	40 0 0	...	...	...	2 0 0	42 0 0	...	...	
106	Gooriah ...	Survey Boat Lascar...	23 0 0	...	23 0 0	...	2 0 0	...	1 2 5	26 2 5	...	...	
107	Appaswmy ..	do ...	23 0 0	...	23 0 0	...	...	...	1 2 5	24 2 5	...	...	
108	Narasummaloo ...	do ...	23 0 0	...	23 0 0	...	...	...	1 2 5	24 2 5	...	...	
109	Chinniah ...	do ...	23 0 0	...	23 0 0	...	...	...	1 2 5	24 2 5	...	...	
110	Achiah ...	do ...	23 0 0	..	23 0 0	...	...	...	1 2 5	24 2 5	...	...	
111	Govindoornjoolo ...	do ...	23 0 0	...	23 0 0	...	...	...	1 2 5	24 2 5	...	...	
112	Gangaru Appanna ...	do ...	20 0 0	...	20 0 0	...	...	...	1 0 0	21 0 0	...	...	
113	Suradi Sathiah ...	do ...	20 0 0	...	20 0 0	...	...	...	1 0 0	21 0 0	...	...	
114	Soobroyen ...	C. Man ...	18 0 0	...	18 0 0	...	...	...	0 14 5	18 14 5	...	...	
115	Moorugan ...	do ...	18 0 0	...	18 0 0	...	...	...	0 14 5	18 14 5	...	...	
116	Sawmy ...	do ...	18 0 0	...	18 0 0	...	...	...	0 14 5	18 14 5	...	...	
117	C. Ragavan ...	do ...	18 0 0	..	18 0 0	...	...	...	0 14 5	18 14 5	...	...	
118	P. Ragavan ...	do ...	18 0 0	...	18 0 0	...	...	...	0 14 5	18 14 5	...	...	
119	Emberooman ...	do ...	18 0 0	...	18 0 0	...	...	...	0 14 5	18 14 5	...	...	
		Carried over...	583 0 0	...	583 0 0	16 0 0	13 0 0	...	28 6 7	640 6 7	...	...	

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Schedule of Staff of Officers and Servants employed under the Harbour Trust for the year 1892-93—concluded.

No.	Names.	Designation.	Rate of salary per mensem, 1891-92.	Increased rate due per mensem for 1892-93.	Salary per mensem, 1892-93.	Average rate of Fees and Allowances for 12 Months.		Contribution towards Pension.	Contribution towards Provident Fund.	Total per mensem, 1892-93.	Office.	Works.	Remarks.
						Sundays and Holidays.	Overtime.						
			Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.			
		Brought forward...	583 0 0	...	583 0 0	16 0 0	13 0 0	...	28 6 7	640 6 7	...	...	
20	—— ...	Office W. Man ...	...	...	...	...	...	...	...	...	...	...	
121	Ponnumbala Moodily ...	Cash-keeper's Peon ...	7 0 0	...	7 0 0	—	...	...	0 5 7	7 5 7	...	...	
122	Narainan ...	Punka Man ...	4 8 0	...	4 8 0	...	...	...	...	4 8 0	...	...	
123	Ruppaswamy ...	do ...	4 8 0	...	4 8 0	...	...	...	...	4 8 0	...	...	
124	Coonoodon ...	N. P. Scavenger ...	7 0 0	...	7 0 0	...	...	...	...	7 0 0	...	...	
125	Soobee ...	do ...	5 8 0	...	5 8 0	...	...	...	...	5 8 0	...	...	
126	Moongadoo ...	S. P. do ...	4 0 0	...	4 0 0	...	...	...	...	4 0 0	...	...	
127	Anthoniamah ...	Sweeper ...	3 8 0	...	3 8 0	...	...	...	...	3 8 0	...	...	
			619 0 0	...	619 0 0	16 0 0	13 0 0	...	28 12 2	676 12 2	...	...	
	Iron Pier.												
128	Float ...	No. 1. P.S.C. Driver.	36 0 0	4 0 0	40 0 0	...	20 0 0	...	2 0 0	62 0 0	...	...	
129	Stuart ...	,, 2. do ...	36 0 0	4 0 0	40 0 0	...	20 0 0	...	2 0 0	62 0 0	...	...	
130	—— ...	Carpenter Maistry ...	...	...	...	...	...	...	...	...	...	...	
131	G. Smalber ...	Writer ...	30 0 0	...	30 0 0	...	15 0 0	...	1 8 0	46 8 0	...	...	
			102 0 0	...	110 0 0	...	55 0 0	...	5 8 0	170 8 0	...	...	
		Total ...	6,203 8 0	...	6,237 8 0	36 0 0	1,604 0 0	...	309 11 9	8,187 3 9	...	...	

Madras,
6th February, 1892.

V. J. WILSON,
Ag. Engineer, Harbour Trust Board.

Summary.

	Salary.	Overtime.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.
Office Establishment.			
Upper Subordinates	1,450 0 0	153 1 6	1,603 1 6
Store Establishment	240 0 0	11 2 8	251 2 8
Accounts' Establishment	330 0 0	...	330 0 0
Engineer's Establishment	296 0 0	9 2 3	305 2 3
Assistant Engineer's Establishment	120 0 0	6 7 6	126 7 6
Sub-Engineer's Establishment	130 0 0	14 13 8	134 13 8
Peons and Lascars	71 8 0	...	71 8 0
Total per mensem ...	2,627 8 0	194 11 7	2,822 3 7
Total per annum ...	31,530 0 0	2,336 11 0	33,866 11 0
Work Establishment.			
Divers' Establishment	8,769 0 0	913 0 0	4,682 0 0
General Foreman's Establishment ...	515 0 0	97 0 0	612 0 0
Mechanical Engineer's Establishment ...	1,162 8 0	533 0 0	1,695 8 0
Storekeeper's Establishment	62 0 0	13 0 0	75 0 0
General duties	619 0 0	29 0 0	648 0 0
Iron Pier Establishment	110 0 0	55 0 0	165 0 0
Total per mensem ...	6,237 8 0	1,640 0 0	7,877 8 0
Total per annum ...	74,850 0 0	19,680 0 0	94,530 0 0

Madras,
6th Feby. 1893.

Budget Estimate of Expenditure on the Harbour Works in Madras during the year 1892-93.

	Actual, 1890-91.	Budget Estimate, 1891-92.	Revised Estimate, 1891-92.	Budget Estimate, 1892-93.
	Rs.	Rs.	Rs.	Rs.
Reconstruction	5,61,491	6,70,496	5,68,396	4,73,726
Repairs	...	...	...	...
Establishment	53,134	55,566	56,446	59,814
Tools and Plant	51,922	1,45,158	1,45,158	10,000
Suspense...	34,928	30,000	30,000	33,460
Total ...	7,01,475	*9,01,220	8,00,000	5,77,000

* Inclusive of Rs. 1,56,462 proposed outlay on revetment.

MADRAS,
6th February 1892.

F. J. WILSON,
Ag. Engineer, Harbour Trust Board.

HARBOUR TRUST BOARD.

Detail of the Budget Estimate of Establishment for the Harbour Works in Madras for 1892-93.

Number. 1891-92.	Number. 1892-93.	Particulars.	Salary of office.	Estimate for 1892-93. Average per mensem.	Average per annum.	Total.	Estimate for 1891-92. Charges per annum.
		CONSTRUCTION. *Engineer Establishment.*	Rs.	Rs. A. P.	Rs.	Rs.	Rs.
1	1	Engineer, Harbour Trust Board	850 to 1,000	639 0 0	7,668	...	
	1	Do. Acting as Executive Engr., 4th Gr. for 5 months	600	600 0 0	4,800	...	
1	1	Assistant Engineer	600	600 0 0	7,200	...	
2	3	Total...	...	...	19,668	...	19,000
		Upper Subordinate Establishment.					
1	1	Sub-Engineer	400	400 0 0	...	...	...
1	1	Head Foreman of Works	350	350 0 0	...	...	...
1	1	Mechanical or Foreman Engineer ...	350	350 0 0	...	...	...
1	1	Foreman Diver	350	350 0 0	...	...	...
1	1	Accountant, 4th Grade	350	350 0 0	...	...	...
5	5	Total...	80 to 150	150 0 0	...	...	...
		Petty Establishment.	...	1,600 0 0	19,200	...	19,200
1	1	Chief Storekeeper	120 to 150	150 0 0	...	...	...
1	1	Asst. Storekeeper as 3rd Class, 3rd Grade	50 to 60	60 0 0	...	...	...
1	1	Godown-keeper as Clerk, 4th Class, 3rd Grade	20 to 30	30 0 0	...	...	...
1	1	Lascar	7	7 0 0	...	...	...
4	4	Total...	...	247 0 0	2,964	...	2,814
		OFFICE ESTABLISHMENT. *Engineer.*					
1	1	Head Clerk, 3rd Class, 1st Grade ...	80 to 100	100 0 0	...	...	...
1	1	Clerk, 4th Class, 2nd Grade ...	30 to 40	40 0 0	...	...	...
1	1	Do. do. do. ...	30 to 40	40 0 0	...	...	...
1	1	Draughtsman, 1st Class	50 to 70	66 0 0	...	...	...
1	1	Do. 2nd do.	35 to 50	50 0 0	...	...	...
1	1	Dhoby	11	1 8 0	...	...	...
3	3	Peons	7	21 0 0	...	...	...
9	9	Total...	...	318 8 0	3,822	...	...
		Assistant Engineer.					
1	1	Clerk, 4th Class, 1st Grade	40 to 50	50 0 0	...	...	...
1	1	Surveyor as Draughtsman, 1st Class ...	50 to 70	70 0 0	...	...	...
3	3	Peons	7	21 0 0	...	...	...
5	5	Total...	...	141 0 0	1,692	...	...

Detail of the Budget Estimate of Establishment for the Harbour Works in Madras for 1892-93.

Number. 1891-92.	Number. 1892-93.	Particulars.	Salary of office.	Estimate for 1892-93. Average per mensem.	Average per annum.	Total.	Estimate for 1891-92. Charges per annum.
		CONSTRUCTION *Continued.*	Rs.	Rs. A. P.	Rs.	Rs.	Rs.
		OFFICE ESTABLISHMENT. *Continued.*					
		Sub-Engineer.					
1	1	First Clerk Timekeeper, 4th Class, 1st Grade	40 to 50	50 0 0	...	...	...
1	1	Second Clerk, 4th Class, 2nd Grade ...	30 to 40	40 0 0	...	...	...
1	1	Draughtsman, 3rd Class...	20 to 30	30 0 0	...	...	...
1	1	Peons	7	14 0 0	...	...	...
2	2	Total...	...	134 0 0	1,608	...	...
5	5	*Accounts Establishment.*					
1	1	Cashier as Clerk, 3rd Class, 3rd Grade...	50 to 60	60 0 0	...	...	...
1	1	Clerk, 4th Class, 1st Grade	40 to 50	50 0 0	...	...	...
1	1	Do. do. 3rd Grade	20 to 30	30 0 0	...	...	...
1	1	Lascar	7	7 0 0	...	...	...
4	4	Total...	...	147 0 0	1,764	...	...
		Total Office Establishment...	...	...	8,886	...	8,682
		Presidency House-rent and allowance to Executive Engineer for 8 months...	...	145 0 0	1,160	...	...
		and to Accountant	...	40 0 0	480	...	480
		Increment to salary of Mr. Thompson (when sanctioned)	...	100 0 0	1,200	...	...
		Total Construction Salaries...	...	...	...	53,558	50,176
		Travelling Allowances ...	...	...	400	400	400
		Contingencies as follows:					
		Stationery ... ... Rs. 1,000					
		Other charges ... ... „ 1,166					
		Contribution towards Pension and Leave allowances for Exec. Engr. for 8 months „ 1,200					
		For Accountant ... „ 300					
		Remuneration for Auditors „ 750	...	...	4,416	4,416	3,550
		Work Establishment (Watch and Ward) and (Periodical Surveys)	...	120 0 0	1,440	1,440	1,440
		Grand Total...	...	...	...	59,814	55,566

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Abstract of foregoing Provision for Establishment.

	Salaries.	Travelling Allowance.	Contingencies.	Total.	
				1892-93.	1891-92.
	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	...	...	...	...	...
Construction	53,558	400	4,416	58,374	54,126
Work Establishment, (Watch and Ward) and (Periodical Surveys)	1,440	...	...	1,440	1,440
Total ...	54,998	400	4,416	59,814	55,566

MADRAS,
6th February 1892.

F. J. WILSON,
Ag. Engineer, Harbour Trust Board.

Abstract of foregoing Provision for Establishment.

	Salaries.	Travelling Allowance.	Contingencies.	Total. 1892-93.	Total. 1891-92.
	Rs.	Rs.	Rs.	Rs.	Rs.
... ...	...	...	...	...	...
... ...	53,558	400	4,416	58,374	54,126
(Watch and Ward)					
rveys)	1,440	...	...	1,440	1,440
Total ...	54,998	400	4,416	59,814	55,566

F. J. WILSON,
Ag. Engineer, Harbour Trust Board.

MADRAS HARBOUR WORKS.

Comparison of Expenditure to date with Sanctioned Estimate for the Quarter Ending 31st December 1891.

	Sub-head of Work.	As per Estimate Sanctioned in Secretary of State Despatch No. 1, Dated 7th January 1892. Quantity.	Rate.	Per.	Cost.	Total.	As Executed. Quantity.	Rate.	Expenditure. Total up to end of last Quarter.	During the Quarter.	Up to date.	Arrears not paid.	Value of work done up to date, columns 11 & 12.	Remarks.
1		2	3	4	5	6	7	8	9	10	11	12	13	14
	Expenditure up to 31st December 1884.		Rs. A. P.		Rs.	Rs.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
1	Works	.....	... ...	...	55,09,324	...		... ...	55,09,324 8 10	....	55,09,324 8 10	....	55,09,324 8 10	
2	Establishment	.....	... ...	...	5,29,904	...		... ...	5,29,904 0 0	....	5,29,904 0 0	....	5,29,904 0 0	
3	Tools and Plant	.....	... ...	...	5,15,262	...		... ...	5,15,262 6 0	....	5,15,262 6 0	....	5,15,262 6 0	
	Total...	.....	... ...	...		65,54,490		... ...	65,54,490 14 10	....	65,54,490 14 10	....	65,54,490 14 10	
	Revised Estimate.													
4	Alteration and extension of block ground ...Prely...	.....	... ...	...	5,892	5,892			5382 3 6	- - -	5882 3 6	9 13 6	5892 - 11	
	North Pier.													
5	Ordinary rubble deposited from breakwater ... Tons	13,930	1 12 0	Ton	24,378		139295/4	1 12 -	24377 9 -	1661 7 3	423283 7 7	4936 2 2	428218 9 9	
6	Do. from boats ... ,,	2,06,896	2 0 5	,,	4,19,218		208037 1/4	2 - 11	478862 - 4	1932 1 5	480794 1 9	- - -	480794 1 9	
7	Concrete blocks for building ... C. yds.	51,320	11 8 0	C. yd.	5,90,110		46611 11/24	11 1 2	5414 11 2	- - -	5414 11 2	- - -	5414 11 2	
8	Setting blocks at commencement of new work ... ,,	2,615	2 1 1	,,	5,415		2615 1/4	2 1 1	108813 14 8	8791 5 5	117605 - 1	- - -	117605 - 1	
9	Do. from 2,200 to 3,600 feet ... ,,	36,520	2 14 3	,,	1,05,569		36446 7/24	2 15 9	27763 3 6	- - -	27763 3 6	- - -	27763 3 6	
10	Do. at Pierhead ... ... ,,	12,185	9 8 11	,,	1,16,124		2582 7/24	14 5 4	11188 - 7	- - -	11188 - 7	- - -	11188 - 7	
11	Concrete in mass for filling ... ... ,,	263	4 8 3	,,	1,188		263	4 8 3	2692 - -	6972 - -	9664 - -	524 12 2	10188 12 2	
12	Wave breaker blocks ... ... ,,	288	9 5 7	,,	2,692		288	9 5 7	6437 4 5	1332 2 2	7769 6 7	271 10 5	8041 1 -	
13	Do. concrete blocks ... ... ,,	77,355	10 14 11	,,	8,45,591		58940 13/24	11 1 8	47225 8 -	1444 4 -	48669 12 -	- - -	48669 12 -	
14	Depositing do. ... ... ,,	77,932	1 0 0	,,	77,928		59577/24	1 - 13	6400 7 7	8 7 -	6408 14 7	- - -	6408 14 7	
15	Concrete in protection to Rubble Base ... ,,	1,986	10 4 1	,,	20,358		1046 7/24	7 11 8	2352 11 8	- - -	2352 11 8	- - -	2352 11 8	
16	Cramps, Iron ... ... No.	331	9 10 1	Each	3,188		275	9 12 6	10969 7 7	- - -	10969 7 7	- - -	10969 7 7	
17	Concrete capping ... ... C. yds.	16,352	11 3 10	C. yd.	1,83,798		551/2	11 11 5	- - -	- - -	- - -	- - -	- - -	
18	Cost of North Pier Caisson and setting in position and filling same as items 26, 27, 33 & 34... ,,	.....	... ...	,,	84,750		-	- - -	- - -	- - -	- - -	- - -	- - -	
	Total for North Pier ..	.....	... ...	...	...	24,80,607			1784986 2 10	22012 11 3	1806998 14 1	6791 10 1	1813790 - 2	
	South Pier.													
19	Ordinary rubble deposited from boats... ... Tons	1,75,978	2 9 0	Ton	4,49,052		170774/4	2 12 7	437532 7 5	1220 1 2	438754 8 7	4761 11 5	443516 - -	
20	Large do. deposited from breakwater ... ,,	8,615	1 12 0	,,	15,076		8613/24	1 12 -	15075 13 -	- - -	15075 13 -	- - -	15075 13 -	
21	Concrete blocks for building ... ... C. yds.	45,066	11 3 1	C. yd.	5,04,510		3749426/24	11 1 8	402867 13 3	2588 7 1	405456 - 4	- - -	405456 - 4	
22	Setting blocks at commencement ... ... ,,	2,556	3 1 6	,,	7,912		2556 1/4	3 1 6	7911 13 3	- - -	7911 13 3	- - -	7911 13 3	
23	Do. from 2,550 to 3,700 feet ... ... ,,	30,160	3 7 11	,,	1,05,461		29160 1/24	3 7 11	106461 9 4	- - -	106461 9 4	- - -	106461 9 4	
24	Do. at Pierhead ... ... ,,	12,350	11 1 3	,,	1,36,845		1202 7/24	11 1 3	4554 14 4	- - -	4554 14 4	- - -	4554 14 4	
25	Concrete in Mass for filling ... ... ,,	402	7 9 1	,,	4,559		-	- - -	- - -	- - -	- - -	- - -	- - -	
26	Do. in Cylindrical Pierhead ... ... ,,	2,555	15 0 0	,,	35,325		-	- - -	- - -	- - -	- - -	- - -	- - -	
27	Do. in filling in between Coursed Blockwork and Caisson ... ... ,,	184	15 0 0	,,	2,760		28124/24	15 3 2	420203 9 7	6635 - 8	426839 9 7	214 11 5	427054 - 12	
28	Wavebreaker concrete blocks ... ... ,,	47,231	11 1 6	,,	6,24,070		39606 23/24	11 1 2	52499 4 2	775 6 8	53274 10 10	- - -	53274 10 10	
29	Depositing do. ... ... ,,	47,714	1 5 8	,,	64,708		11235/24	1 2 3	2230 9 11	187 12 10	2418 - 9	- - -	2418 - 9	
30	Concrete in protection to Rubble Base ... ,,	1,700	9 10 6	,,	16,420		202 1/24	9 10 6	13757 - 4	31 6 2	13788 6 6	- - -	13788 6 6	
31	Cramps, Iron ... ... No.	259	11 7 7	Each	2,972		48 1/24	11 8 5	- - -	- - -	- - -	- - -	- - -	
32	Concrete capping ... ... C. yds.	16,247	11 5 8	C. yd.	1,84,493		-	- - -	- - -	- - -	- - -	- - -	- - -	
33	Iron Caisson ... ... No.	1	... ...	,,	18,000		-	- - -	- - -	- - -	- - -	- - -	- - -	
34	Preparing Base for and setting Cylindrical Pierhead ,,	.....	... ...	,,	28,665		-	- - -	- - -	- - -	- - -	- - -	- - -	
	Total for South Pier..	.....	.. ..	...	...	31,00,826			1548316 13 6	18637 14 10	1566954 12 4	7215 12 1	1574170 8 5	
	Extending the rubble revetment protecting the foreshore North of Harbour.													
35	Rubble Stone Revetment ... ... Tons	70,500	2 1 0	Ton	1,43,613		63232/24	1 - 8	67286 7 10	29263 11 2	96550 3 -	1649 3 10	103114 6 10	
36	Railway Lines	.....	... ...	...	9,849	1,53,462			9203 10 10	857 11 2	10061 2 -	186 2 6	10307 10 4	
									65590 2 8	30123 6 5	95713 9 1	1649 3 10	112427 12 2	
37	Tools and Plant	.....	... ...	...	...	6,11,056			522350 15 -	12183 4 3	534534 3 3	7192 15 11	606456 3 2	
38	Contingencies	.....	... ...	...	...	2,17,415			150929 8 2	1626 12 2	162456 2 6	1347 8 8	171803 5 8	
39	Establishment	.....	... ...	...	...	1,34,369			44827 14 2	13681 7 9	461789 5 11	395 14 3	442185 4 2	
40	Materials at site (Concrete blocks in yards) ... C. yds.	.....	... ...	...	...	...	2653 11/24	13 11 1	27543 8 8	- - -	269274 2 1	1953 18 5	281227 12 6	
41	Advances to Work-people	.....	... ...	...	...	...	-	- - -	4970 14 5	24 - -	4996 14 5	- - -	4994 14 5	
	Total of Estimate and value of work done...	.....	... ...	...	...	61,66,227			4814648 1 11	91950 2 1	4906598 4 -	12439 7 10	5030947 11 10	
	Deduct Probable recoveries due to sales of Tools and Plant ...	.....	... ...	...	...	2,27,351			4765825 4 3	83567 7 8	4849384 11 11	12439 7 10	4977701 3 9	

Expenditure up to 31st March 1891 from commencement of works ... 1905268-2-2
Do. during current official year from 1st April 1891 to 31st December 1891 ... 401607-8-7 Grant for 1891-92 Rs. 800,000
Total outlay to 31st December 1891 ... 1143875-10-9

	Total...		......	...		65,54,490		...		65,54,490 14 10		65,54,490 14 10		65,54,490 14 10
	Revised Estimate.													
4	Alteration and extension of block ground ...Prely...		......	...	...	5,892	5,892			5892 3 5	- - -	5892 3 5	9 12 6	59[illegible] - -
	North Pier.													
5	Ordinary rubble deposited from breakwater ...	Tons	18,930	1 12 0	Ton	24,378		13924 3/4	1 12 -	24377 9 -	- - -	24377 9 -		24377 9 -
6	Do. from boats ...	„	2,06,896	2 0 5	„	4,19,218		208037 1/4	2 - 11	421622 - 4	1661 7 3	423282 7 7	4935 2 2	428218
7	Concrete blocks for building	C. yds.	51,320	11 8 0	C. yd.	5,90,110		41826 21/22	11 1 2	478862 - -	1932 1 5	480794 1 6		480794
8	Setting blocks at commencement of new work ...	„	2,615	2 1 1	„	5,415		2615 1/2	2 1 1	5414 11 2	- - -	5414 11 2		5414
9	Do. from 2,200 to 3,600 feet ...	„	36,520	2 14 8	„	1,05,569		36446 7/9	2 15 9	108613 14 8	- - -	108613 14 8		108813
10	Do. at Pierhead	„	12,185	9 8 11	„	1,16,424		2582 5/36	14 5 4	27163 3 5	8791 5 6	35954 8 10		37014
11	Concrete in mass for filling	„	263	4 8 3	„	1,188		263	4 8 3	1188 - 7	- - -	1188 - 7	1060 1 4	1188
12	Wave breaker blocks	„	288	9 5 7	„	2,692		288	9 5 7	2692 - -	- - -	2692 - -		2692
13	Do. concrete blocks	„	77,355	10 14 11	„	8,45,591		58940 33/36	11 1 8	658204 6 8	6473 - -	664677 6 8		664677
14	Depositing do.	„	77,932	1 0 0	„	77,928		59517 1/2	- 13 3	47425 8 -	1332 2 2	48757 10 2	524 12 2	498182
15	Concrete in protection to Rubble Base ...	„	1,986	10 4 1	„	20,358		1046 3/22	7 11 8	6400 7 9	1414 4 -	7814 11 9	271 1 5	8056
16	Cramps, Iron	No.	331	9 10 1	Each	3,188		275	8 13 6	2362 14 8	8 7 -	2371 5 5		2361
17	Concrete capping	C. yds.	16,352	11 3 10	C. yd.	1,83,798		5564 1/2	19 11 5	10969 7 7	- - -	10969 7 7		10969 7 7
18	Cost of North Pier Caisson and setting in position and filling same as items 26, 27, 33 & 34...	„	......	...	„	84,750		-	- - -	- - -	- - -	- - -	- - -	
	Total for North Pier ..		......	...	...	...	24,80,607			1784986 2 10	22012 11 3	1806998 14 1	6791 10 1	1813790 7 2
	South Pier.													
19	Ordinary rubble deposited from boats... ...	Tons	1,75,078	2 9 0	Ton	4,49,052		170774 1/2	2 9 7	437534 7 5	1220 1 2	438754 8 7	4941 11 5	443696
20	Large do. deposited from breakwater ...	„	8,615	1 12 0	„	15,076		8614 3/4	1 12 -	15075 13 -	- - -	15075 13 -	- - -	15075 13
21	Concrete blocks for building	C. yds.	45,066	11 3 1	C. yd.	5,04,510		37491 136/216	11 1 4	412867 8 3	2658 7 1	415525 15 4	- - -	415525 15
22	Setting blocks at commencement	„	2,556	3 1 6	„	7,912		2556	3 1 6	7911 13 3	- - -	7911 13 3	- - -	7911 13 3
23	Do. from 2,550 to 3,700 feet ...	„	30,160	3 7 11	„	1,05,461		30160 1/2	3 7 11	105461 9 4	- - -	105461 9 4	- - -	105461 9 4
24	Do. at Pierhead	„	12,850	11 1 3	„	1,36,845		4474 3/12	15 6 8	64431 5 9	7125 7 11	71556 13 8	- - -	71556
25	Concrete in Mass for filling	„	602	7 9 1	„	4,555		602	7 9 1	4554 14 4	- - -	4554 14 4	- - -	4554 14 4
26	Do. in Cylindrical Pierhead	„	2,355	15 0 0	„	35,325		-	- - -	- - -	- - -	- - -	- - -	- - -
27	Do. in filling in between Coursed Blockwork and Caisson	„	184	15 0 0	„	2,760		-	- - -	- - -	- - -	- - -	- - -	- - -
28	Wavebreaker concrete blocks	„	47,231	11 1 6	„	5,24,070		38124 1/108	11 3 2	420203 9 7	6636 - -	426839 9 7	214 11 6	426839 9 7
29	Depositing do.	„	47,714	1 5 8	„	64,708		38606	1 6 2	52499 4 2	775 11 8	53274 15 10	- - -	53489 11 4
30	Concrete in protection to Rubble Base ...	„	1,700	9 10 6	„	16,420		1023 5/36	9 12 3	9800 14 2	187 12 10	9988 11 -	- - -	9988 11
31	Cramps, Iron	No.	259	11 7 7	Each	2,972		202	11 8 5	2234 9 11	24 6 2	2259 - 1	- - -	2259 - 1
32	Concrete capping	C. yds.	16,247	11 5 8	C. yd.	1,84,495		645 5/12	21 3 6	13757 - 4	- - -	13757 - 4	- - -	13757 - 4
33	Iron Caisson	No.	1	...	„	18,000		-	- - -	- - -	- - -	- - -	- - -	- - -
34	Preparing Base for and setting Cylindrical Pierhead	„	......	...	„	28,665		-	- - -	- - -	- - -	- - -	- - -	- - -
	Total for South Pier...		......	..	...	...	2 ,00,826			1546316 13 6	18637 4 10	1564954 12 4	7215 12 1	1572170 8 5
	Extending the rubble revetment protecting the foreshore North of Harbour.													
35	Rubble Stone Revetment	Tons	70,600	2 1 0	Ton	1,45,613		66323 7/12	1 8 8	56286 7 10	29263 11 2	85550 3 -	16669 3 10	102114 6 10
36	Railway Lines		......	...	...	9,849	1,55,462			9303 10 10	859 11 3	10163 6 1	144 4 6	10307 10 7
										65590 2 8	30123 6 5	95713 9 1	16713 8 4	112427 1 5
37	Tools and Plant		......	...	...	...	6,11,656			522350 15 -	12183 4 3	534534 3 3	71921 15 11	606456 3 2
38	Contingencies		......	...	...	...	2,17,415			160929 6 3	1526 12 2	162456 2 5	9347 3 3	171803 5 8
39	Establishment		......	...	...	...	5,34,369			448207 14 2	13581 7 9	461789 5 11	395 14 3	462185 4 2
40	Materials at site (Concrete blocks in yards) ...	C. yds.	......	...	...	...	...	20538 10/27	13 11 1	275413 8 8	[illegible]	269274 2 1	11953 10 5	281227 12 6
41	Advances to Work-people		......	...	...	...	...			4970 14 5	24 - -	4994 14 5	- - -	4994 14 5
	Total of Estimate and value of work done...		......	...	...	...	61,06,227			4814648 1 11	91950 2 1	4906598 4 -	124349 7 10	5030947 11 10
	Deduct Probable recoveries due to sales of Tools and Plant.		......	...	...	...	2,77,331			[illegible]	[illegible]	[illegible]		[illegible]
	Total ...		......	...	...	...	58,28,896			4765825 4 3	83559 7 8	4849384 11 11	124349 7 10	4973734 3 9
	Total of revised Estimate sanctioned in Secretary of State Despatch, plus expenditure before 31st December 1884.		......	...	...	...	1,23,83,386			11320316 3 1	83559 7 8	11403875 10 9	124349 7 10	11528225 2 7
	Estimated Cost of additional works found necessary up to end of last Quarter		......	...	...	...	„							
	Estimated Cost of additional works found necessary during quarter ending ..31st December 1891		......	...	...	...	„							
	Total Estimated Cost for Completion of works		......	...	...	...	12383386							
	Deduct Total Expenditure as per column 11		......	...	...	...	11403876							
	Total Estimated Cost of completing work after quarter ending 31st December 1891...		......	...	...	...	979510							

Expenditure up to 31st March 1891 from commencement of works ... 11320316 3 1

Do. during current official year from 1st April 1891 to 31st December 1891 ... 83559 7 8

Total outlay to 31st December 1891 ... 11403875 10 9

Madras,
26th March 1892.

[signature] Accountant,
M. H. Works Office.

[signature]
Ag Engineer, Harbour Trust Board.
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