

Stores and Plant available for transfer—Returns for the quarter ending 31st March 1888.

No. 505 A. OF 1888.

PUBLIC WORKS DEPARTMENT,
Bombay Castle, 9th May 1888.

CIRCULAR MEMORANDUM.

With reference to Government Resolution No. 2318, dated 3rd October 1868, the following articles are not required by the undermentioned Executive Engineers.

2. Superintending Engineers are enjoined to see that Executive Engineers avail themselves, to the utmost extent possible, of the Tools and Plant and Stores available for transfer in other Districts. Purchases of articles obtainable from another District should be prohibited, as it is imperative to reduce the amount of stock.

3. For the future, each return should be prepared in the form given below, the same arrangement of items being also followed. Care should be taken to make the description of each item full and complete :—

Names of articles.	District in which available.	Num-ber.	First cost, exclusive of carriage.			First cost, less annual deprecia- tion and wear and tear.			Estimated present value.		
			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
HOUSE FITTINGS—											
Bolts, French, 10 ft. ...	Presidency ...	4	70	0	0	70	0	0	70	0	0
Do. do. 8 ft. (78 new, 88 repairable)...	Do. ...	164	824	12	4	824	12	4	824	12	4
Do. Socket, Brass, 3½ ft. ...	Do. ...	13	130	0	0	130	0	0	91	0	0
Finger plates, oak ...	Do. ...	285	356	4	0	356	4	0	213	12	0
Do. do. porcelain ...	Do. ...	32	48	0	0	48	0	0	40	0	0
Handles, spring, brass, for windows ...	Do. ...	132	132	0	0	132	0	0	88	0	0
Latches, spring, with handles. Do. with handles on both sides ...	Do. ...	40	71	0	8	71	0	8	40	0	0
	Do. ...	72	133	1	0	133	1	0	72	0	0
BUILDING MATERIALS—											
Angle, iron rests, in 12 pieces.	Surat and Broach.	6							600 0 0		

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			Rs. A. P.	Rs. A. P.	Rs. A. P.
BUILDING MATERIALS —					
Bricks, fire	Kánara ...	180	15 0 0	15 0 0	15 0 0
Corbels, Porebandar stone ...	Presidency ...	92	54 10 0	54 10 0	54 10 0
Girders, Rolled iron, each 10½' x 8" x 2½", weighing about 15 lbs. per foot run...	Military Works, Bombay ...	4	31 9 2	31 9 2	31 9 2
TOOLS —					
Bars, Crow, iron	Dhárwár ...	550	1,375 0 0	1,100 0 0	1,100 0 0
Bars, tamping, copper ...	Níra Canal ...	100	660 15 0	660 0 0	660 0 0
Hammers, sledge	Dhárwár ...	300	900 0 0	600 0 0	600 0 0
Do. do	Khándesh ...	300	.....	.....	300 0 0
Needles, priming, copper, each 3' long	Níra Canal ...	195	276 4 0	243 12 0	243 12 0
Powras, (weighing 7 lbs. each).	Surat and Broach ...	20	.....	.....	10 0 0
Vice, smith	Do. ...	1	10 0 0	8 0 0	8 0 0
PLANT AND MACHINERY —					
Brick pressing machine ...	Sátára ...	1	.....	.....	35 0 0
Blocks, lifting, 20 tons, (1 treble and 1 double) pairs ...	Do. ...	2	.....	.....	280 0 0
Do. do. 10 tons, (1 double and 1 single) do. ...	Do. ...	1	.....	.....	95 0 0
Do. 5 do. (do.) do. ...	Do. ...	1	.....	.....	60 0 0
Blocks, wooden	Ratnágiri ...	11	22 0 0	.....	22 0 0
Do. iron, treble and quadruple	Ahmedabad ...	2	.....	.....	.....
Do. do. double	Surat and Broach ...	2	22 0 0	12 0 0	12 0 0
Do. do. treble	Do. ...	3	45 0 0	30 0 0	30 0 0
Cattle mill, (bullock-power, old and incomplete) ...	Dhárwár ...	1	1,200 0 0	.....	.....
Chairs, Railway, cast-iron (old iron)	Kánara ...	1,000	820 0 0	.....	720 0 0
Do.	Ratnágiri ...	581	290 0 0	.....	170 0 0
Chocks, teakwood	Surat and Broach ...	12	.....	.....	300 0 0
Crane, Derrick, with fixed jibs for quarry work, to lift 10 tons each (machinery and iron work only) ...	Násik ...	1	2,200 0 0	1,034 0 0	900 0 0
Crane, Travelling, Railway Contractors'	Sátára ...	1	.....	.....	500 0 0
Crane, Jib, 3-tons	Nára Canals ...	1	.....	.....	575 0 0
Diving Apparatus	Sátára ...	2	.....	.....	600 0 0
Dredgers, Bull's	Surat and Broach ...	2	50 0 0	40 0 0	40 0 0
Do. do.	Do. ...	1	15 0 0	12 0 0	12 0 0
*Engine, Portable steam, by Tenant & Co., Leith, 5 horse-power	Poona and Kirkee ...	1	.....	.....	500 0 0
*Engine, Portable, by Dunlop, Manchester, 6 horse-power.	Do. ...	1			1,000 0 0

- Require extensive repairs.

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			Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
PLANT AND MACHINERY—contd.											
Fan blast	Sátára Irriga- tion ...	1	250	0	0				250	0	0
Flues, cast-iron, Fook's ...	Surat and Broach ...	2	16	0	0	12	0	0	12	0	0
	Do. ...	6	.....			.....			.....		
Fly wheels	Surat and Broach ...	5 } 3 }	.....			.....			1,500	0	0
Jacks, Hydraulic	Do. ...	4	.....			.....			120	0	0
Rams for above	Sátára ...	1	423	0	0	423	0	0	423	0	0
Jacks, screw, Bottle ...	Kánara ...	1	.....			.....			100	0	0
Lathe, 8 feet, hand-power ...	Sátára ...	1	.....			.....			.....		
Do., turning	...	...	...			...			...		
Pile-driving Machine with 3 winches (iron work only exists)	Belgaum ...	1	450	0	0	200	0	0	200	0	0
	Sátára ...	1	.....			.....			100	0	0
Pug Mill	Surat and Broach ...	1	560	0	0	300	0	0	300	0	0
Pump, Holman's, patent ...	Do. ...	1	636	2	0	.....			636	2	0
Do. Centrifugal	Surat and Broach ...	104	.....			.....			100	0	0
Rails, tram, iron (15' long) ...	Fuleli Canals.	2	.....			.....			200	0	0
Rollers, iron	...	1	450	0	0	375	0	0	375	0	0
Saw Bench, Circular (with 4 saws)	Belgaum ...	1	30	0	0	25	0	0	25	0	0
	Do. ...	4	.....			80	0	0	80	0	0
Saw, circular, spare	Kánara ...	...	...			...			...		
Screws, Telegraph (old iron) ...	Surat and Broach ...	2	.....			.....			10	0	0
Shoes, iron, pile	Kánara ...	24 qrs.	65	0	0	65	0	0	65	0	0
Do. do.	Military Works, Bom- bay ...	1	30	0	0	30	0	0	30	0	0
Tank, wrought-iron, 30" x 24" x 15", with 2 compartments ...	Sátára ...	1	.....			.....			200	0	0
	Kánara ...	1,000	1,313	0	0	500	0	0	500	0	0
Tile Pressing Machine	Do. ...	174	294	0	0	147	0	0	147	0	0
Wedges, blunt, iron	Do. ...	1	.....			30	0	0	30	0	0
Do. sharp steeled	Do. ...	...	...			...			...		
Well, Kerb, iron	...	...	...			...			...		
MISCELLANEOUS—											
Angle, iron (12 ft. long) ...	Surat and Broach ...	26	.....			.....			50	0	0
Bars, iron, 1" to 2½" dia- meter	Khándesh ...	23,857 lbs.	.....			.....			1,491	0	0
Bolts and nuts, 1¼" diameter and 1½" long each	Níra Canal ...	100	100	0	0	90	0	0	90	0	0
	Karáchi Canals ...	1	35	0	0	.....			.....		
Log, Walker's	Do. ...	1	30	0	0						
Do. Massey's, patent	Surat and Broach ...	4							4	0	0
Packing pieces, cast-iron ...	...	...	...			...			...		

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MISCELLANEOUS—contd.			Rs. A. P.	Rs. A. P.	Rs. A. P.
Ribs for 15' centerings ...	Sátara	5	245 0 0		245 0 0
Do. 20' do. ...	Do.	15	883 0 0	.....	883 0 0
Do. 30' do. ...	Do.	10	1,023 0 0	.....	1,023 0 0
Do. 40' do. ...	Do.	10	2,135 0 0	.....	2,135 0 0
Rivets and washers, galvanized, for corrugated sheet roof ...	Kánara	9 qrs.	90 0 0	90 0 0	90 0 0
Tubes, Brass, 6' 4" long, 3" diameter, (old brass) ...	Do.	8	.....	.....	80 0 0
Tubes, cast-iron, Nozzles Tuyer's (old iron) ...	Do.	12	336 0 0	.....	336 0 0
BARRACK FURNITURE—					
Almirahs, large ...	Ahmedabad	6	.....	.....	270 0 0
Bath, shower ...	Baroda	1	.....	.....	15 0 0
Do. foot, iron ...	Do.	1	.....	.....	15 0 0
Do. hip, tin ...	Do.	1	.....	.....	10 0 0
Bier, Churchyard ...	Do.	1	.....	.....	12 0 0
Bin, Rubbish ...	Do.	1	.....	.....	3 0 0
Book-case, Hospital ...	Do.	1	.....	.....	20 0 0
Do. Hospital ...	Ahmedabad	6	.....	.....	150 0 0
Boxes, dry-earth ...	Baroda	9	.....	.....	36 0 0
Box, ice ...	Do.	1	.....	.....	30 0 0
Boxes clothing ...	Ahmedabad	2	.....	.....	30 0 0
Boards, diet ...	Baroda	5	.....	.....	1 8 0
Do. Regulation ...	Do.	6	.....	.....	1 8 0
Brand ...	Do.	1	.....	.....	5 0 0
Chair, folding, canvas ...	Do.	1	.....	.....	3 0 0
Cradles, Fracture ...	Do.	3	.....	.....	30 0 0
Chests, clothing ...	Bhuj	4	.....	.....	80 0 0
Do. ...	Rajkot	12	.....	.....	120 0 0
Do. Treasure, iron ...	Ahmedabad	2	.....	.....	160 0 0
Do. do. wooden ...	Baroda	1	.....	.....	12 0 0
Desks, with sloping surface..	Rajkot	2	.....	.....	40 0 0
Filters, Macnamara. zinc ...	Baroda	2	.....	.....	6 0 0
Forms, 2' high, without backs, 9' long, for school ...	Do.	7	.....	.....	10 8 0
Forms, School ...	Ahmedabad	6	.....	.....	90 0 0
Gongs, brass ...	Do.	3	.....	.....	8 0 0
Lamp ladder... ..	Baroda	1	.....	.....	3 0 0
Lamp rods, iron ...	Do.	33	.....	.....	8 4 0
Rammers, wooden ...	Do.	8	.....	.....	2 0 0
Receptacles, large, for cook-house ...	Do.	3	.....	.....	3 0 0
Screw keys, iron ...	Do.	8	.....	.....	4 0 0
Sword, complete with scabbard and leather straps ...	Do.	1			7 0 0
Tables, 6' x 2' 6" ...	Do.	10			60 0 0

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MISCELLANEOUS—contd.			Rs. A. P.	Rs. A. P.	Rs. A. P.
Tables, writing, 3' x 1' 8" ...	Baroda	2			12 0 0
Ticket frames, bed ...	Do.	60			5 0 0
Do. do. ...	Bhuj	50			25 0 0
Trays, wooden, for medicine...	Baroda	2			14 0 0
Do. for kerosine lamps ...	Do.	7			28 0 0
Trunk, camel, with moveable trap, pair ...	Do.	1			20 0 0

WALTER C. HUGHES,
Under Secretary to Government.

To

The Public Works Department (Railway).	} With spare copies for distribution.
The Chief Engineer for Irrigation and Superintending Engineer C. D.	
The Superintending Engineer S. D.	
The Superintending Engineer N. D.	
The Superintending Engineer for Irrigation in Sind.	
The Executive Engineer, Bombay Defences.	
The Executive Engineer, Karachi Defences.	
The Port Engineer, Karachi.	
The Executive Engineer, Aden.	
The Examiner of Public Works Accounts.	

Exd R. W. L.

1/2234
5-6-88

Despatched 2 July 1888

Harbour Trust Board,

MADRAS, 29th June 1888.

No. 1214

3/7/88
JW

FROM

R. W. Barton Esquire & Co

CHAIRMAN, HARBOUR TRUST BOARD,

MADRAS,

TO

Colonel J. O. Hastie R.E.

Secretary to Government

Public Works Department

SIR,

I have the honor to acknowledge the receipt of G.O. No 1924 W dated 27th instant and to return enclosed the list of stores and plant therewith received.

2. The Board's Engineer reports that "there seems nothing suitable" for the Madras Harbour Works in it.

I have the honor to be

Sir

Your most obedient Servant

R. W. Barton

W. Barton

Chairman

Harbour Trust Board

over

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No 2075 W dy. 10th July 1888

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