

Public Works (1893) Department.

RAILWAY BRANCH.

G.O., No. 734 R

DATED 18th April

[Despatch Abstract.]

Stores. — List of surplus working available for sale on the East Indian Railway, for sale to other Railways on 31st March 1893 recorded.

Indexed.

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EAST INDIAN RAILWAY.

GENERAL STORE DEPARTMENT.

List of surplus working stores available for sale to other Railways on 31st March 1893.

Item No.	Description of articles.	QUANTITY.		Rate	Unit for rate.	Condition.	Locality.
		No.	Weight				
				Rs. As.			
	P. W. MATERIALS, CLASS I.						
1	Bolts and nuts, fishplate, new section, 1 inch, by 3 1/2 inches ...	20,000	.....	12 8	Cent.	Serviceable...	Allahabad.
2	Crossings, plate, reversible, cast steel, 1 in 7 ...	100	.....	110 0	Each	New.	
3	Sleepers, angle iron, for Sibley's P. Road, 5 1/2 inches, by 1 inch, by 20 feet ...	150	.....	5 0	Cwt.	Serviceable.	
4	Switches, complete, three-throw, with 12 1/2 feet and 15 feet tongue rails ...	60 sets	.....	220 0	Set		Howrah.
	SWITCHES, PARTS OF:—						
5	Ashbury's, for two-throw switches ...	12 feet	500	17 8			
6		15 "	100	27 11			
7		18 "	150	31 0			
8	Rails, tongue, {	12 1/2 "	350	18 8		New.	
9		12 1/2 "	30	18 8			Allahabad.
10		15 "	150	22 14			Howrah.
11	Ordinary, for three-throw switches ...	15 "	15	22 14			Cawnpore.
12		15 "	1	1,000	Each	Serviceable...	Allahabad.
	TRAVERSERS, PARTS OF:—						
13	Tyres, steel, ...	3 feet	30	24 0			Jamulpur.
14		3 feet 1 inch	10	24 8			
15	Turntables, carriage, complete, 15 feet, Wood's patent ...	11	.....	700 0			Khanna.
	TURNABLES, PARTS OF:—						
16	Tyres, steel, 3 feet 6 inches ...	36	.....	18 0			Jamulpur.
	TOOLS, CLASS II.						
17	Chisels, firmer, flat, 1 inch ...	60	.....	5 13	Dozen	New.	Howrah.
	Diameter. Thickness.						
18	Discs, emery, 20 inches, 1 inch ...	10	.....	27 8	Each		
19	Files, { fish-back and belly, {	second-cut, 14 inches	60	11 0			
20		smooth, { 12 "	48	12 2	Dozen		Jamulpur
21		smooth, { 14 "	300	15 7			

List of surplus working stores available for sale, &c.—(Continued.)

Item No.	Description of articles.	QUANTITY.		Rate.	Unit for rate.	Condition	Locality.
		No.	Weight.				
TOOLS, CLASS II.—(Contd.)							
22	Files, { pit-saw, topping, blunt, smooth, 6 inches ... round, taper, rough, 8 " ... square, taper, bastard, 10 " ...	100	Cwts. qrs	2 9	Dozen	New	Howrah.
23		24	3 5				
24		60	6 1				
25	Plane-irons, smoothing, { single, { 1½ inches ... 1½ " ...	48	.....	0 5	Each	Serviceable	Howrah.
26		60	.....	0 6			
27	Vices, bench, standing or staple, 5½ inches jaw	5	.....	15 0			
METALS, CLASS III.							
28	Copper, wire, B. W. G. No. 2	.....	3 0	52 0			Jamālpur.
29	Iron, angle, equal, best Staffordshire, { ½ inch, by 1 inch ... ½ " by 1 " ... ½ " by 1½ inches	.....	5 0	6 12			Howrah.
30		.....	120 0				
31		.....	20 0				
32	Iron, angle, equal, Lowmoor, ½ inch, by 3 inches	.....	10 0	14 8			
33	Iron, angle, unequal, ½ inch, by 2½ inches, by 6½ inches	.....	25 0	7 8			Jamālpur.
34	Iron, flat, English, { ½ inch, by 6 inches ... 1 " by 5 " ...	.....	100 0	6 8			Howrah.
35		.....	250 0				
36	Iron, flat, from Company's Rolling Mills, { ½ inch, by 1½ inches ... ½ " " 1½ " ... ½ " " 2 " ...	.....	80 0	6 8			Jamālpur.
37		.....	90 0				
38		.....	40 0				
39	Iron, plate, English, best Staffordshire, { ½ inch, by 2 ft. 6 inches, by 12 ft. ... ½ inch, by 3 ft., by 6 ft. 6 inches	40	134 0	7 8	Cwt.	New.	Howrah.
40		30	90 0				
41		10	30 0				
42	Iron, round, English, { ½ inch ... ½ " ...	.....	5 0	6 8			Howrah.
43		.....	60 0				
44	Iron, T., equal, { ½ inch, by 1½ inches ... ½ " by 2 " ...	.....	150 0	8 0			Jamālpur.
45		.....	200 0				
46	Iron, T., unequal, ½ inch, by 3 inches, by 5 inches	.....	100 0	8 0			
47	Iron, wire, round, B. W. G. No. 6	.....	9 0	14 0			Howrah.
48		.....	1 2				
49	Spiegeleisen	.....	120 0	4 4			Jamālpur.
50	Steel, flat, { ½ inch, by 3 inches ... ½ " by 1½ " ... 1½ inches, by 6 " ...	.....	6 0	34 0			Jamālpur.
51		.....	5 0				
52		.....	2 0				
53	Steel, round, mild, for rivets, ½ inch	.....	45 0	8 8			
54	Steel, spring, ½ inch, by 4½ inches	.....	35 0	9 0			

List of surplus working stores available for sale, &c.—(Continued.)

Item No.	Description of articles.	QUANTITY.		Rate.	Unit for rate.	Condition.	Locality.	
		No.	Weight.					
			Cwts Qrs.	Rs. As.				
LOCOMOTIVE FITTINGS, CLASS V.								
55	Axles straight,	6 feet 5½ inches long, 4 feet 6 inches centre of bearings, 6½ inches diameter ...	22	.....	180 0	Each	Jamālpur.	
56		6 feet 6½ inches long, 4 feet 7 inches centre of bearings, 7½ inches diameter ..	25	.....	150 0			
57		6 feet 8 inches long, 4 feet 7 inches centre of bearings, 6½ inches diameter ...	110	.....	110 0			
MISCELLANEOUS, CLASS VI.								
58	Belting, leather, ...	chain, 7 inches	257	feet ...	3 5	Foot	New,	
59		double, 9 " ...	180	" ..	2 13			
60	Bolts and nuts, counter-sunk-headed, wrought iron,	½ inch, by 5½ inches	.....	2 2	10 8	Cwt.		
61		½ inch, by 6 inches, with square nuts	.....	27 2	10 8			
62	BORING-APPARATUS FOR SINKING CAISSONS, AS DETAILED BELOW:—							
	Ball-joints, small	...	1					
	Boring heads, with stays and coneplates	...	6					
	Boxes, engine, with driving-gear	...	6					
	Cocks, stop, brass, 2½ inches	...	2					
	Engines, small, for driving-gear	...	6					
	Guides, bottom	...	6					
	Guides, top	...	5					
	Pipes	cast iron, stand, for suction apparatus	3					
		cast iron, taper, connection, 2½ and 3 inches	3					
		wrought iron, jacketed, each 8 feet, by 12 inches	60					
		wrought iron, siphon,	11 inches, by 1 foot 10 inches	1				
			bend, double flange, 11 inches, by 5 feet	2				
	11 inches, by 7 ft. 3 inches		4					
			This apparatus was used for sinking the cylinders in the construction of the Jubilee (Hooghly) bridge.					
				See page 4	See page 4	In good order.	Howrah.	

* Tracings of these axles can be had on application. They are manufactured by the Lowmoor Company and Taylor Brothers of the West Yorkshire Irons. The axles given are of the present unfinished axles, which have all had a rough cut to prove soundness, and have been supplied under the usual guarantee to run 120,000 miles.

List of surplus working stores available for sale, &c.—(Continued.)

Item No.	Description of articles.	QUANTITY.		Rate.	Unit for rate.	Condition.	Locality.
		No.	Weight.				
	MISCELLANEOUS, CLASS VI.—(Contd.)		Cwts. Qrs.	Rs. As.			
62	BORING APPARATUS FOR SINKING CAISSONS, AS DETAILED BELOW.— (Contd.)						
	Pipes, { wrought iron, siphon, { bend, double flange, { with T joint, 11 inches, by 5 feet ... 1	This apparatus was used for sinking the cylinders in the construction of the Jubilee (Hooghly) bridge.					
			{ 11 inches, by 3 feet 6 inches 4				
			{ 11 inches, by 4 feet 3 inches 1				
			{ straight, double flange, { 11 inches, by 4 feet 6 inches 3				
			{ 11 inches, by 9 feet ... 2				
			{ with T joint, 11 inches, by 1 foot 11 inches ... 2				
			{ straight, { single flange, 11 inches, by 9 feet ... 6		50,000	Lot.	In good order.	Howrah. Any reasonable offer for this apparatus will receive consideration.
	Rings, with lifting shackles ...	6					
	Rods, wrought iron, with nuts and shackles ...	6					
	Shafts, wrought iron, 13 feet each ...	6					
	Ditto, ditto, 17 feet 6 inches each ...	3					
	Swivel-joints, brass, large ...	6					
	Ditto, ditto, small ...	8					
	Valves, stop, brass, 2½ inches ...	2					
	Ditto, ditto, cast iron, with brass spindles and gear ...	6					
	Bridge iron work:—						
63	Channel-bars, ... { ½ inch thickness of metal, channel 1 inch deep, by 2½ inches wide	39	55 0	5 0	Cwt.	Serviceable	Jamālpur.
64	Channel-bars, ... { ½ inch thickness of metal, channel ½ inch deep, by 2 inches wide	41	37 2				
65	Lattice-bars, ... { ½ inch, by 3 inches	42	32 2				
66	Lattice-bars, ... { ½ inch, by 3½ inches	19	20 1				
67	Brushes, cleaning or spoke ...	80	.....	1 8	Each	New.	Howrah.
68	Chain, iron, stud-link, Lowmoor, best proof, 1½ inches ...	feet 800	106 2	25 0	Cwt.		Jamālpur
69	Color, dry, brown, umber, Turkey, burnt ...	.....	30 0	12 0		Excellent quality.	Howrah.

List of surplus working stores available for sale, &c.—(Continued.)

Item No.	Description of articles.	QUANTITY.		Rate.	Unit for rate.	Condition.	Locality.
		No.	Weight.				
	MISCELLANEOUS, CLASS VI.—(Contd.)		Cwts. Qrs.	Rs. As.			
70	Crabs, overhead, travelling, 5 feet 6 inches gauge, with two hoisting drums, each 1 foot 5 inches diameter and 1 foot 6 inches long, the whole on a wrought iron frame to lift 12½ tons, double sheave block for hoisting and brakegear to travelling wheels, without chains	2	.....	1,600 0		} In good working order ...	} Howrah.
71	Engine, hot-air, 1 H.P., Ryder's, by Hayward and Tyler, with driving pulley and well pump, capable of pumping 600 gallons per hour, suction 25 feet, delivery 27 feet ...	1	.....	1,072 0			
72	Engine, pumping, 7 H.P. ...	1	.....	250 0		} Each { Oscillating cylinder with governor, pulley, and connecting-rod, cross plate.	} Jamālpur.
73	Gantry, or timber-travelling frame, to lift 12 tons, with all necessary gearing, clear headway from level of rail to underside of upper girder 23 feet 9 inches, wheels, centre to centre, 16 feet, and 22½ feet apart	1	.....	2,000 0		} In good order	} Jubilee bridge.
74	Glass plate, { ½ inch, by 11½ inches, by 12 inches ... ches ...	24 60	..... .....	0 12 0 12		} { Best London plate.	} Howrah.
75	Glass plate, { ½ inch, by 12 inches, by 12 inches	500	.....	6 10	Dozen		
76	Hinges, patent, cast iron, brass-jointed, 4 inches	36	.....	6 8	} Each	} Good.	} Jamālpur.
77	Lubricators, cylinder, brass, to hold half-pint	12	.....	12 0			
78	Lubricator-valves, brass, to hold 1 pint	...	13 0	50 0	} Cwt.	} Excellent quality.	} Howrah.
79	Paint, mixed, { blue, navy ... green, verdigris ...	...	40 0	40 0			
80	Paint, mixed, { blue, navy ... green, verdigris ...	...	40 0	40 0			
81	Piping, { iron, wrought, { ½ inch inside diameter, by 10 feet ... gas, straight, { 10 feet ...	300	lengths ...	0 1½	Foot	} New.	} Howrah.
82	Powder, bronze, copper ...	30	Phials of 1 oz. each.	0 8	Phial		

List of surplus working stores available for sale, &c.—(Continued.)

[illegible]

* Bypass pipes for centrifugal pumps.

List of surplus working stores available for sale, &c.—(Continued.)

Item No.	Description of articles.	QUANTITY		Rate.	Unit for rate.	Condition.	Locality.
		No.	Weight.				
MISCELLANEOUS, CLASS VI.—(Contd.)							
83	Pumps, centrifugal &c. (Contd.)						
	Pipes, wrought iron, bend, double flange, 16 inches, by 6 feet 6 inches ... 1 16 inches, by 6 feet 9 inches ... 1 16 inches, by 7 feet 9 inches ... 2 16 inches, by 8 feet 3 inches ... 1 16 inches, by 8 feet 9 inches ... 1 straight, double flange, 16 inches, by 10 feet 6 inches ... 24 16 inches, by 13 feet 6 inches ... 6 single flange, 16 inches, by 13 feet 6 inches ... 6	12					
	Stop-valves, cast iron, 16 inches diameter, with brass spindles and gear						
84	Pumps, steam, three-throw, 6 inches, complete. Mumford's patent, with brass barrel and valves and cast iron bend	1		350 0	Each		
85	Rivets and washers, flat-headed, copper, tinned, 1/2 inch, by 1/2 inch		3 2	65 0		New	Jamālpur.
86	copper, tinned, flat-headed, 1 1/2 inch, by 1/2 inch		0 2	70 0			
87	Rivets, galvanized iron, roofing, for 1/2 inch, by 1/2 inch		50 0	20 0	Cwt.		Howrah.
88	Rope, wire, steel, 5 inches circumference, by 760 feet long	Coils 3		10 0		Serviceable	
89	Screws, iron, for wood, 1/2 inch, No. 8 ... 2 1/2 inches " 20 ...		150 Gross	0 3 1/2		Gross	New.
90			120 ditto	1 8			Howrah.

* Spare pipes for centrifugal pumps.

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List of surplus working stores available for sale, &c.—(Continued.)

Item No.	Description of articles.	QUANTITY.		Rate.	Unit for rate.	Condition.	Locality.
		No.	Weight.				
	MISCELLANEOUS, CLASS VI.—(Contd.)		Cwts. Qrs.	Rs. As.			
91	Shells ... ..	.....	0 1	60 0	Cwt. ...		
92	1/2 inch mesh, by 19 inches inside diameter	60	.....				Jamālpur.
93	1/2 inch mesh, by 19 inches inside diameter	80	.....	2 8	Each	New.	
94	1 inch mesh, by 19 inches inside diameter	60	.....				
95	Soda, caustic ... ..	.....	100 0	9 0	Cwt.		Howrah.
96	angle iron, semi-circular, 20 feet span, 5 feet 9 inches high, with struts and ties of flat iron strongly built, comprising in all 6 sets each of 14 trusses, each set 37 1/2 feet over all, connected by 4 longitudinal tie-bars with bracing and resting on a wooden beam at each end, and on an angle iron 1/2 inch, by 5 1/2 inches in middle	24	.....	100 0			
97	rail, or girders, 74 feet 3 inches long, 7 feet deep, top & bottom beams of angle rails, 12 triangulations, struts and ties varying from 6 inches by 1 inch to 5 inches by 3/4 inch section—all struts strengthened with angle iron, 3 inches, by 3 inches, by 3/4 inch	97	.....	250 0		Serviceable	Jubilee bridge.
98	Valves, stop, or sluice, with glands, bushed, 3 inches,	1	.....	19 0		New.	Howrah.
99	Valves, stop, or sluice, with glands, bushed, 3 inches,	14	.....				
100	Varnish, lacquer, pale, gold	2	Gallons	4 8	Gallon		
101	engine, by Pooley & Co., with three separate tables and 6 indicating beams, showing the weight on each wheel separately—Size of each table 6 feet, by 6 feet 6 inches, weighing capacity of each machine 20 tons—rail gauge 6 feet 8 1/2 inches	1	.....	2,500 0	Each	In fair condition.	Jamālpur.

* Tracings of these trusses can be had on application.

B No. 734R of 18-4-73
Calcutta, 1st April 1893.
250-6-4-93

2 S.C

Recd. 13. 4. 93

P.C. 21/4

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J. OATES,

Controller of Stores.