

Public Works (1898) Department.

G.O., No. 2151 W

DATED 24th August 1898

[Despatch Abstract.]

Rate List, Class C - Workshop Machinery
& Heavy Tools for 1897 : Circular from the
Director of Railway Construction forwarding
copies of ———, communicated to the
Members of the Council.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

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 20-8-98

BACK PAPERS.

G.O.	No.	Department.	Date.
	2266 W.		dated 18-8-1897

FURTHER PAPERS.

G.O.	No.	Department.	Date.

[For General Distribution.]

Circular No. 7.

FROM

THE DIRECTOR OF RAILWAY CONSTRUCTION.

TO

THE MANAGER, NORTH WESTERN RAILWAY.
 THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
 THE MANAGER, EASTERN BENGAL STATE RAILWAY.
 THE MANAGER, EAST COAST RAILWAY.
 THE ENGINEER-IN-CHIEF, INDUS BRIDGE WORKS AND BRITISH SECTION SHADI
 PALLI-BALOTRA RAILWAY.
 THE ENGINEER-IN-CHIEF, MARI-ATTOCK RAILWAY.
 THE ENGINEER-IN-CHIEF, BEZWADA-MADRAS RAILWAY.
 THE ENGINEER-IN-CHIEF, GODAVERY BRIDGE WORKS.
 THE ENGINEER-IN-CHIEF, HURDWAR-DEHRA RAILWAY.
 THE ENGINEER-IN-CHIEF, VIZIANAGRAM-RAIPUR RAILWAY SURVEY.
 THE ENGINEER-IN-CHIEF, BOMBAY-SIND CONNECTION SURVEY.
 THE ENGINEER-IN-CHIEF, REWARI KUCHAMAN CHORD RAILWAY SURVEY.
 THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List, Class C.—Workshop Machinery and Heavy Tools for 1897.

Simla, the 11th July 1898.

SIR,

I have the honour to forward, for information and guidance, a printed statement showing the actual English rates, *free on board* in England, for Class C State railway stores, "Workshop Machinery and Heavy Tools," contracted for by the Stores Department of the India Office during 1898.

2. A table giving the average rates of sea-freight for Class C stores imported from England to the several ports in India for State railways of both gauges during 1897 is prefixed to the Rate List.

3. In order to arrive at the total cost of Class C stores landed in India, an insurance charge of* one-half per cent. on the *free on board* cost *plus* entire sea-freight, should be added in addition to other incidental charges and exchange, which latter should be calculated at the official rate for the year.

I have the honour to be,

SIR,

Your most obedient servant,
 (Sd) G. Lubbock, Lt. Col.
 C. W. HODSON,
 for Director.

Documents accompanying.

1. Statement showing the average rates per ton for entire sea-freight on Class C stores imported from England to the several ports during 1897.

2. Rate List Class C—Workshop Machinery and Heavy Tools for 1897.

* For State Railway Stores and Irrigation Works only classed as Imperial. Stores for Provincial and Local funds, and for railways constructed by Native States are charged one per cent. as heretofore.

The Secretaries to the Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, the Punjab and Burma, Public Works Department.
 The Secretaries to the Chief Commissioner of the Central Provinces and Assam, Public Works Department.
 The Secretaries to the Residents at Hyderabad and in Mysore, Public Works Department.
 The Secretaries to the Agents to the Governor General, Rajputana and Central India and Baluchistan, Public Works Department.
 The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
 The Director General of Telegraphs.
 The Director General of Military Works.
 The Chief Engineer, Kashmir.
 The Accountant General, Bengal.
 The Consulting Engineers for Railways, Madras, Bombay and Burma.
 The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, and Assam.

Copy forwarded to the Local Governments and Administrations and to the Officers noted in the margin for information, with the intimation that all Railway Administrations have been supplied with copies direct.

G. Lubbock *Secy. P.W.D.*
 for Director.
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To

THE Secretary to the Govt of Madras.
 P.W. Department.

*with 60 spare copies
 (sent in 12 packets)
 per Packet Post)*

Enclosure to Director of Railway Constructions' Circular
 No. 7 of 1898.

RATE LIST.

CLASS C.

WORKSHOP MACHINERY AND HEAVY TOOLS
 FOR 1897.

G. C. Press, Simla.—No. 1500 P. W. D.—13-7-98.—50.

*Order
 10/12/98*

Enclosure to Director of Railway Constructions' Circular No. 7 of 1898.

Statement showing the average rates per ton for entire sea-freight on Class C stores sent out from England to the several Ports in India for State Railways of both gauges during 1897.

Class of Stores.	Kurrachee.	Bombay.	Cochin or Vizagapatam.	Calcutta.	Rangoon.	REMARKS.
	s. d.	s. d.	s. d.	s. d.	s. d.	
C—Workshop Machinery and Heavy Tools...	28 9	*	27 6	+26 3	*	* No material for class C stores was shipped to these ports during 1896. + 50 shillings for Lathes.

CLASS OF STORES. C.—WORKSHOP MACHINERY AND HEAVY TOOLS.

Contracted for in 1897.

Contract number and date.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.		RATE—FREE ON BOARD.		For what railway.	REMARKS.
			Weight.	Unit.	Amount.	Unit.		
69 { 430 { 30-4-97.	Emery wheels ...	20" × 2½" × 6½" hole in the centre	...	...	£. s. d.	Each.	Eastern Bengal.	*The same for Emery wheels with bevelled edges.
		6" × 2" × 1½"	...	...	4 0 0	"		
		12" × ½"	...	...	0 7 0	"		
		12" × ½"	...	...	4 10 0	Doz.		
		12" × ½"	...	...	3 12 0	"		
74 { 334 { 25-9-97.	Gauges Steam ...	12" × ½"	...	...	2 14 0	"	East Coast.	
		12" × ¾"	...	...	1 16 0	"		
		12" × 1"	...	...	...	...		
71 { 318 { 19-6-97.	Gauges Steam ...	Pressure, Bourdon's patent, 6" diameter dial with central hand, indicating up to 200lbs. per square inch, with cock and union nut.	Under 5 cwt. each.	...	...	Each.	Umaria Colliery.	

CLASS OF STORES. C.—WORKSHOP MACHINERY AND HEAVY TOOLS—contd.

Contracted for in 1897.

Contract number and date.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.		RATE—FREE ON BOARD.		For what railway.	REMARKS.
			Weight.	Unit.	Amount.	Unit.		
70 32 4-5-97...		Newcastle post No. 4—	Tons. cwt. qr. lbs.	...	£. s. d.	Each.	Eastern Bengal.	
		4 feet 6 inches diameter × 14 inches thick with 3½ inches square hole in centre.	Under 5 cwt. each	...	3 18 0	Each.		
		4 feet diameter × 6 inches thick with 3½ inches square hole in centre.	Ditto.	...	2 5 0	"		
75 279 23-10-97	Grindstones.	Yorkshire medium grit—	Ditto.	...	0 18 6	"	North Western.	
		3 feet diameter × 6 inches thick with 1½ inches square hole.	Ditto.	...	3 15 0	"		
76 59 6-11-97		Yorkshire fine grit—	Ditto.	...	0 7 6	"	East Coast.	
		2 feet diameter × 4 inches thick, complete with cast iron trough and hood, for hand power.	Ditto.	...	0 7 6	"		
		Spare stones without spindles for hand power ...	Ditto.	...				

Contract number and date.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.		RATE—FREE ON BOARD.		For what railway.	REMARKS.
			Weight.	Unit.	Amount.	Unit.		
69 147 9-4-97	Lubricators	Needle Lieuvain's patent—	...	...	...	Each.	Eastern Bengal.	
		No. 1 round 2 oz.	...	...	0 0 2½	Each.		
		No. 3 " 1½ "	...	...	0 0 2½	"		
		No. 2 flat 1½ "	...	...	0 0 2½	"		
68 391 29-3-97	Machines	Spare discs for—	...	...	...	Each.	North Western.	
		24" diameter × 3" thick × 8" hole	...	...	4 10 0	"		
		22" " × 3" " × 10" "	...	...	0 9 0	"		
		12" " × 3" " × 3" "	...	...	0 7 6	"		
69 430 30-4-97	Emery grinding...	Emery grinding...	...	...	...	Under 5 cwt. each.	Oudh and Rohilkhand.	
		12" " × 3" " × 3" "	...	...	0 6 0	"		
		12" " × 3" " × 3" "	...	...	0 4 6	"		
		12" " × 3" " × 3" "	...	...	0 3 0	"		
72 259 17-7-97		Emery tool grinding	...	...	...	10 2 8	Warora Colliery.	
		36 " × 3" without c.i. washers ...	...	...	...	10 2 8		
71 326 19-6-97								

CLASS OF STORES. C.—WORKSHOP MACHINERY AND HEAVY TOOLS—contd.

Contracted for in 1897.

Contract number and date.	Articles.	Details.	APPROXIMATE GROSS WEIGHT.		RATE—FREE ON BOARD.		For what railway.	REMARKS.
			Weight.	Unit.	Amount.	Unit.		
Machines—contd.								
70 147	Milling ...	Spare cutters for:—	Tons cwt. qr. lbs.	...	£ s. d.	Each.	Eastern Bengal.	
68 144	Panel planing and thicknessing.	Complete, suitable for planing and thicknessing boards, panels and scantlings of such capacity that it will take work up to 12 inches wide and 6 inches thick. To be similar in all respects to the machine supplied on contract 143, dated 19th October 1896.	Under 5 cwt.	...	11 10 0	...	Eastern Bengal.	
68 391	Saw sharpening...	Spare discs for— 12" diameter × 1" thick × 1" hole 12" " × 3" " × 3" " 12" " × 3" " × 3" "	Under 5 cwt. each.	...	78 0 0	...	Eastern Bengal.	
75 104	Slotting ...	Complete, 12" stroke, with longitudinal and circular motions. The longitudinal slide is to be about 2 feet 6 inches wide. The transverse slide is to be about 2 feet 6 inches wide and the worm wheel for the circular motion, not less than 2 feet 6 inches diameter. The machine is to have a variable stroke up to 12" and is to admit an article 5 feet in diameter and 21 inches deep on the table.	Not yet shipped	...	210 0 0	...	East Coast.	
72 259	Tube grinding ...	Spare discs for— 16" diameter × 2" thick × 1 1/2" hole 36" " × 3" " × 24" "	Under 5 cwt.	...	2 2 0 9 15 0	...	Oach and Rohil-khand.	

74 402	30-9-97	Weighing ...	For weighing locomotives (5' 6" gauge) Erhardt's patent with double dial, weighing from 16 to 35 cwt. and from 35 cwt. to not less than 7 1/2 tons.	0 13 0 20	Each	188 0 0	Set.	East Coast.	
75 141	14-10-97	Pulsometers ...	With foot valves and back pressure valves. Capable of standing 120 lbs. steam pressure. No. 6 ... " 7 ... " 8 ...	0 5 3 20 0 8 2 7 0 12 1 0	" " "	53 7 0 68 1 0 95 12 6	Each. " "	North Western.	Including spare parts.
75 167	15-10-97	oil gas plant complete.	Pintsch's, comprising one set plant and machinery £2,892-10-0. Twenty trap boxes with valves and brass fittings £65-0. Hoses, each 30 feet long, complete with fittings, unions and gauge, £85-0-0, (33-60) feet lead piping high pressure, 4" diameter, tinned inside and outside, £168-0-0 and holders tar burner, £20-0-0.	Not yet shipped		3,200-0-0	Total.	Oach and Rohil-khand.	
68 313	24-3-97	Shafting.	(1) Main line, with necessary wrought iron split pulleys, with hangers fitted with best gun metal bearings, loose collars and set screws where required with necessary bolts and nuts (1) Countershaft with necessary pulleys, cill plate, 2 plummor blocks and wall box, complete, fitted with best gun metal bearings and loose collars, with necessary bolts and nuts Sundry pullets for:— Complete set of cotton belting for:—	Under 5 cwt. each.	...	21 5 0 18 5 0 14 10 0 41 5 0	Each. " Lot Total	North Western.	For fuel plant, contract 143, dated 14th November 1896.
71 172	12-6-97	Vices	Bench, standing 6" jaw, bright staple, 100 lbs each.	Under 5 cwt.	...	1 17 6	Each.	North Western.	