(1) பக்கங்களின் எண்ணிக்கை 18

(2) புதுக்கித் திருப்பிய நாள் 6/82

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.L.D

துறை

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அரசாணை எண்.
மு. கோப்புத் தாள் எண். 2109

அச்சகம்
பலவகை

நாள் : 29—7-1982 198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

9 Sheets

அலை. கா-1—18,006—15-6-87.

Enclosure to Director General of Railways' Circular No. 7 of 1892.

2109
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RATE LIST.

CLASS C.

WORKSHOP MACHINERY AND HEAVY TOOLS

FOR 1891.

Enclosure to Director General of Railways' Circular No. 7 of 1892.

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 1891.

Class of stores.	Port of Bombay.	Port of Calcutta.	Port of Kurrachee.	Port of Rangoon.	Remarks.
	s. *d.*	*s.* *d.*	*s.* *d.*	*s.* *d.*	
C—Workshop Machinery and Heavy Tools ...	*20 0	22 6	15 0	28 4	* Rate for 1889. No Workshop Machinery was imported during 1891.

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

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Approximate gross weight. Weight.	Unit.	Rate—Free on board. Amount.	Unit.	For what Railway.	Remarks.
				Tons. cwt. qr. lbs.		£ s. d.			
4902	6-7-91	Anvils.	Blacksmiths, 2 cwt.	0 2 0 0	Each	2 3 0	Each	Mu Valley Railway.	
1/295	19-8-91		„ 3 „	0 3 0 0	„	3 3 0	„	Burma State Railway.	
2/193	15-9-91		„ 3 „	0 3 0 0	„	3 3 0	„	Ditto.	
1/257	17-8-91		„ 7 „	0 7 0 0	„	7 15 0	„	Eastern Bengal State Railway.	
„	„		„ 7 „ square both ends ...	0 7 0 0	„	7 15 0	„		
4902	6-7-91		Swage blocks, 15″ × 15″ × 5″ ...	0 2 0 7	„	0 16 6	„	Mu Valley Railway.	
„	„		Stands, for swage blocks	0 1 3 17	„	0 16 0	„		
4680	4-5-91	Bedstone	For edge runners (oil mill), best Derbyshire grit, as used for seed crushing ...	3 15 0 0	Each	25 0 0	Each	North-Western Railway.	

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

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Approximate gross weight. Weight.	Unit.	Rate—Free on board. Amount.	Unit.	For what Railway.	Remarks.
				Tons. cwt. qr. lbs.		£ s. d.			
3/70	6-10-91	Bellows	Smiths, 24″ to have a patent screw pipe fitted with nozzle 27″ long.	0 1 1 20	Each	3 2 6	Each	North Western Railway.	
			Smiths, 36″ to have a patent screw pipe fitted with nozzle 14″ long.	0 2 0 17	,,	8 19 6	,,		
4840	25-6-91	Cranes	Overhead, travelling, complete, to lift 20 tons through a height of 10 ft., the crane is to run on a rail pathway, the centres of the wheels running on the pathway being 26 ft. 6 inches.	...	...	500 0 0	Each	Mu Valley Railway.	Cancelled, subsequently at the request of the Burma authorities.
		Crucibles.	Plumbago, Morgans Salamander—						
1/65	5-8-91		No. 20	...	...	0 5 0	Each	Eastern Bengal State Railway.	
,,	,,		,, 40	...	...	0 10 0	,,		
,,	,,		,, 60	...	...	0 15 0	,,		
4326	27-1-91	Crucibles—*contd.*	,, 40	...	...	0 10 0	,,	Warora Colliery.	
,,	,,		,, 50	...	...	0 12 6	,,		
,,	,,		,, 60	...	...	0 15 0	,,		
,,	,,		,, 80	...	..	1 0 0	,,		
4976	31-7-91		,, 60	...	...	0 15 0	,,	Burma State Railway.	
1/359	22-8-91	Forges.	Portable, 24″ diameter and 2′ 6″ high, with blowers fixed to back of forge.	...	...	9 15 0	Each	Mu Valley Railway.	
3/117	10-10-91		Portable, with rectangular hearth plate, 2′ 7″ long × 1′ 10″ broad and fitted with Alldays patent Direct acting Roots blower on the back of the forge.	...	...	14 19 6	,,	Oudh & Rohilkhand Railway.	
4637	20-4-91	Gauges.	Pressure, hydraulic, Bailey's patent with bell, No. 4 size, for pressure of 1 ton per square inch	...	..	7 7 0	Each	Burma State Railway.	

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

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Approximate gross weight.		Rate—Free on board.		For what Railway.	Remarks.
				Weight.	Unit.	Amount.	Unit.		
				Tons. cwt. qr. lbs.		£ s. d.			
4686	7-5-91	Grindstones.	Best New Castle, post, No. 3 – 48″ × 8″, without trough.	...	...	2 19 0	Each	Burma State Railway.	Centre hole 3″ square.
4/45	30-11-91		Best New Castle, post, No. 3 – 48″ × 8″, without trough.	...	...	3 0 3	,,	Ditto.	Ditto ditto.
1/339	22-8-91		Best New Castle, post, No. 4 – 48″ × 6″, without trough.	...	...	2 9 0	,,	Eastern Bengal State Railway.	Ditto 3¼″ square.
,,	,,		Best New Castle, post, No. 4 – 54″ × 14″, without trough.	...	...	4 18 0	,,	Ditto.	
4/345	30-11-91		Best New Castle, post, No. 4 – 60″ × 8″, without trough.	...	...	5 7 0	,,	Burma State Railway.	
4911	8-7-91		Yorkshire, blue, medium grit, 24″ × 5″, complete with cast iron trough, wrought iron crank handle and spindles with brass bearings.	...	...	2 0 0	,,	Mu Valley Railway.	
4691	7-5-91	Indicators	Speed, Stroudley's, with piping, pulleys and belting. For one "F" and one "O" class engine and one for saloon inspection carriage.	...	...	12 0 0	Each	Burma State Railway.	
4912	9-7-91	Lathes, power, self-acting.	Copying, suitable for shaping oval or irregular surfaces, such as pick handles, spokes, &c. The countershaft to be carried on pedastals fixed to the framing of the machine. *Note.*—The lathe to be of sufficient capacity to take 4 feet 6 inches between the centres, and also suitable for cutting each way of the traverse. The lathe to be complete in every respect, and to be supplied with the necessary belt-shifting gear and internal belting, 2 sets of best steel cutters, 2 iron model spokes, 1 set of wrought iron case hardened black finished spanners, 1 Kaye's seamless syphon oil can, and bolts, nuts and washer plates for fixing the machine to a foundation 4 feet deep.	1 10 0 0	Each	83 15 0	Each	Warora Colliery.	
4/210	18-11-91		Screw-cutting and surfacing, 9″ centre, to take 8 feet between the centres.	...	...	217 10 0	Each	Eastern Bengal State Railway.	
			Screw-cutting and surfacing, 9″ centre, to take 8 feet between the centre and fitted with a screw-chasing apparatus.	...	...	241 0 0	,,		
			Particulars of above Lathes. The fast headstock is to have a base of about 28″ long and 11¾″ wide, and is to be double geared. The loose headstock is to have a base 13½″ long and 10″ wide, sliding in and fitting an opening in the bed; planed perfectly with the outside V's. The bed is to be of sufficient length to take in 8 feet between the centres,						

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

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Approximate gross weight		Rate—Free on board.		For what Railway.	Remarks.
				Weight.	Unit.	Amount.	Unit.		
				Tons. cwt. qr. lbs.		£ s. d.			
4/210	*contd.*	Lathes, Power, self-acting—*contd.*	10½″ wide over the V's and 11″ deep, and is to be supported on three cast iron standards, 6″ wide and 34″ across the base and of sufficient height so that the distance from the ground line to the centre of the lathe is about 3′ 6″. The guide screw is to be 2¼″ diameter and is to be used for screw-cutting only. It is to be carried at each end by brackets, and at intervals between by bearers. Each lathe is to be complete in every respect, and is to be supplied with a complete set of change wheels for cutting screws from 1 to 20 threads per inch, and other accessories for tools required for working the lathe.						
4494	13-3-91	Lubricators.	Needle, No. 1, round 2 oz.	...	...	0 3 0	Doz.	Eastern Bengal State Railway.	
3/7	1-10-91		„ „ 1 „ „	...	...	0 3 0	„	North Western Railway.	
			„ „ 2 „ „						
4701	14-5-91	Machine, bolt, nut and rivet-making.	Horsfall's patent, suitable for making iron or steel bolts, nuts and rivets. The machine is complete in every respect, and is to be supplied with a double set of tools for making bolts, nuts and rivets which are to be interchangeable. The machine is also to be supplied with a double set of breaking blocks and six spare knives.	...	...	485 0 0	Each	East Coast Railway, Kistna Bridge.	
		Machines, emery, grinding.	*Spare discs for—*						
2/403	28-9-91		12″ diar. × ¼″ thick × ¾″, centre hole	...	...	0 6 3	Each	Oudh and Rohilkhand Railway.	Less 10 %
5/54	3-12-91		12″ „ × ½″ „ × ¾″ „ „ ...	...	...	0 6 8	„	Burma State Railway.	
2/403	28-9-91		12″ „ × ⅝″ „ × ¾″ „ „ ...	...	...	0 4 9	„	Oudh and Rohilkhand Railway.	
5/54	3-12-91		12″ „ × ⅝″ „ × ¾″ „ „ ...	...	...	0 5 2	„	Burma State Railway.	
1/270	18-8-91	Machines, planing, wood.	*Spare parts of—* Cutters or blades, for	...	...	0 12 0	Each	Eastern Bengal State Railway.	

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

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Approximate gross weight.		Rate—Free on board.		For what Railway.	Remarks.
				Weight.	Unit.	Amount.	Unit.		
				Tons. cwt. qr. lbs.		£ s. d.			
			Spare discs or Emery wheels, for—						
1/214	14-8-91	Machines, Saw-sharpening.	12″ diam. × ¼″ thickness × 1″, centre hole	...	...	0 3 3	Each	Eastern Bengal State Railway.	Less 10 %
			12″ × ⅜″ × 1″ „ „ ...	...	...	0 4 9	„		
			12″ × ½″ × ⅜″ „ „ ...	...	...	0 7 10	„		
			12″ × ⅝″ × ⅜″ „ „ ...	...	...	0 11 0	„		
4391	4-2-91	Pumps, hydraulic.	For testing boilers, with copper pipe and connections complete.	...	...	46 5 0	Each	Mu Valley Railway.	

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FROM

THE DIRECTOR GENERAL

OF RAILWAYS,

TO

Circular No. 7.

Dated Simla, the 26th June 1891.

Received

Indian State Railways.

Rate List, Class C—"Workshop Machinery and Heavy Tools" for 1891.

G. C. Press, Simla.—No. 1509 P. W. D.—5-7-92.—800.

[*General Distribution.*]

Circular No. 7.

FROM

THE DIRECTOR GENERAL OF RAILWAYS,

TO

THE MANAGER, NORTH WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
THE MANAGER, EASTERN BENGAL STATE RAILWAY.
THE MANAGER, BURMA STATE RAILWAY.
THE SUPERINTENDENT OF WORKS, HYDERABAD-UMARKOT RAILWAY.
THE ENGINEER-IN-CHIEF, MU VALLEY RAILWAY.
THE ENGINEER-IN-CHIEF, EAST COAST RAILWAY.
THE ENGINEER-IN-CHIEF, KISTNA BRIDGE.
THE ENGINEER-IN-CHIEF, ASSAM-BENGAL RAILWAY, NORTHERN SECTION.
THE ENGINEER-IN-CHIEF, MUSHKAF-BOLAN RAILWAY.
THE ENGINEER-IN-CHIEF, GOONA-BINA RAILWAY.
THE ENGINEER-IN-CHIEF, UJAIN-BHOPAL RAILWAY.
THE ENGINEER-IN-CHIEF, BENGAL DOOARS RAILWAY.
THE ENGINEER-IN-CHIEF, KASHMIR RAILWAY.
THE ENGINEER-IN-CHIEF, FRONTIER RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, SIMLA-KALKA RAILWAY SURVEY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List for Class C—Workshop Machinery and Heavy Tools, for 1891.

Simla, the 28th June 1892.

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 1891.

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 1891 is prefixed to the Rate List.

I have the honour to be,

SIR,

Your most obedient Servant,

R. A. SARGEAUNT, Lieut.-Col., R.E.,
Director General of Railways.

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 1891.
2. Rate List, Class C—Workshop Machinery and Heavy Tools for 1891.

The Secretaries to the Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, Public Works Department.
The Secretaries to the Chief Commissioners of the Central Provinces, Burma, 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, Public Works Department.
The Accountant General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, and Central Division.

Copy forwarded to the Local Governments, Administrations and Officers noted in the margin for information.

R. A. SARGEAUNT, Lieut.-Col., R.E.,
Director General of Railways.

No 2109. W. D/29 July
Communicated to officer
of ~~the~~ P. W. D for information
29/7 J. P
W

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Ch. Engr for Irrign.
Supdg: Engrs
C. A. to Govt
S. of W. P. Project.
Secy P. W. Accts.