[*For General Distribution.*]

Circular No. 4.

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 MANAGER, EAST COAST STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MU VALLEY STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MUSHKAF-BOLAN STATE RAILWAY.
THE ENGINEER-IN-CHIEF, BINA-GUNA RAILWAY.
THE ENGINEER-IN-CHIEF, BHOPAL-UJAIN RAILWAY.
THE ENGINEER-IN-CHIEF, CHITTORE-OODEYPORE RAILWAY.
THE ENGINEER-IN-CHIEF, KOTRI-ROHRI RAILWAY.
THE EXECUTIVE ENGINEER, KALKA-SIMLA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, ASSAM-BURMA CONNECTION RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, UMARKOT-PACHPADRA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, NORTHERN BENGAL-ASSAM CONNECTION RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, MARI-ATTOCK-RAILWAY AND GRADIENT IMPROVEMENT WORKS, N. W. RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List, Class E.—Rolling Stock for 1893.

Calcutta, the 26th February 1895.

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 E Stores, "Rolling Stock," contracted for by the Stores Department of the India Office during 1893.

2. A table giving the average rate per ton, of sea-freight, for Class E Stores imported from England to the several ports in India for State Railways during 1893 is prefixed to the rate list.

3. In order to arrive at the total cost of the Rolling Stock 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.

4. In this list Vacuum Automatic Brake gear and rigging are shown as sub-heads of locomotive and coaching and goods stock and have also been adopted in the revised edition of the nomenclature and classification of State Railway Stores to be issued shortly.

I have the honour to be,

SIR,

Your most obedient Servant,

T. GRACEY, Lieut.-Col., R.E.,

Offg. Director General of Railways.

Documents accompanying.

1. Statement showing the average rate per ton for entire sea-freight on class E Stores imported from England at the several ports during 1893.
2. Rate List Class E—Rolllng Stock for 1893.

* 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, 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, Bengal.
The Consulting Engineers for Railways, Madras, and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, and Assam.

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T. GRACEY, Lieut.-Col., R.E.,

Offg. Director General of Railways.

To

THE

No 9936 d/29th April 1895.
Communicated to
officers of the P.W. Department for information
(2d) J. P.
W

Supdg Engrs
C. A. to Govt
Engr P.W. accts

G. C. Press, Simla.—No. 934 P. W. D.—6-3-95.—895.

[*For General Distribution.*]

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THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

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Offg. Director General of Railways.

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2. Rate List Class E—Rollng Stock for 1893

No. 2288

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, Bengal.
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T. GRACEY, Lieut.-Col., R.E.,

Offg. Director General of Railways.

60 S. C
Index i (60 S. C.)
Regd: 23.3.95

To

THE

No. 993 W. dy 29 April 95.

To Supt

Communicated
Communicated
to officers of the P W
dept. for information

Sd
Copy
22/4/95

Supt: Engr Rattle papers
A A to Govt circular & rate
Exec. P. W. circulars
& copy of rate
Exec

G. C. Press, Simla.—No. 934 P. W. D.—6·3·95.—895.

Enclosure to Director General of Railways' Circular No. 15 of 1895.

RATE LIST.

CLASS E.

ROLLING STOCK

FOR 1894.

G. C. Press, Simla.—No. 936 P. W. D.—19-12-95.—48.

CONTENTS.

E. Rolling Stock—

(*a*) Locomotives—

(1) *Engines and spare parts*—

	Page.
5′ 6″ gauge	1—11
Metre gauge	12—24

(2) *Vacuum Automatic Brake gear and Rigging*—

5′ 6″ gauge	25—27
Metre gauge	*Nil.*

(*b*) Coaching and Goods Stock—

(1) *Complete ironwork for vehicles*—

5′ 6″ gauge	28—34
Metre gauge	35—36

(2) *Ironwork*—

5′ 6″ gauge	37—47
Metre gauge	48—53

(3) *Vacuum Automatic Brake gear and Rigging*—

5′ 6″ and metre gauge	54—59
(4) Metallic and other fittings	60—67
(5) India-rubber fittings	68—70
(6) Trimmings	71—80
Appendices A to D	81—87

Enclosure to Director General of Railways' Circular No. 15 of 1895.

Statement showing the latest average rates per ton for entire sea-freight on Locomotive and Rolling-stock materials sent out from England to the several ports in India for State Railways of both gauges during 1894.

Description of materials.	Kurrachee.	Bombay.	Coconada or Vizagapatam.	Calcutta.	Rangoon.	Remarks.
	s. d.	*s. d.*	*s. d.*	*s. d.*	*£ s. d.*	
Engines, locomotive, complete	...	...	...	...	80 0 0	Lump sum for F. Class Engines.
Engines, locomotive, spare parts of— ...	*		...	30—0	...	*40 shillings average for boilers.
Coaching stock, underframe and body ironwork for—	...	...	15—1	29—0	35—0	
Goods stock, underframe and body ironwork for—	10—7	...	15—0	20 —0	...	
Wheels and axles, axle-boxes, springs, couplings, &c	10—2	12—9	14—4	23—7	24—7	
Other carriage and wagon fittings ...	...	Five per cent. on	the original cost	of all ports.		
Cranes, accident	...	...	...	55—0	25—0	

Note.—Where rates are not quoted, it should be understood that articles of that description were not imported during the year.

CLASS E.

ROLLING STOCK.

(*a*) LOCOMOTIVES.

(1) Engines, and spare parts.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS.

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/62 3-8-94 ...	Engines, locomotive, complete.	Neilson and Co., six wheels (four coupled) inside cylinders and inside frames and separate tenders on six wheels as per description noted below :—	*2,358	0	0	Each	Oudh and Rohilkhand ...	* Engine ... £1,98 Tender ... £ 440 Total ... £2,358
		Engines.						
		Diameter of cylinder inside 17½ inches. Stroke of piston 26 inches. Centre of cylinder to centre of driving axle, 9 feet 6 inches. Length of boiler barrel between tube plates 10 feet 5½ inches. Diameter of boiler barrel outside 4 feet 4 inches. Length of fire-box casing outside 5 feet 9 inches. Width of fire-box casing at bottom outside 4 feet 9½ inches. Number of tubes 242. Diameter of tubes outside 1¾ inches. Heating surface of outside tubes 1,161 square feet. Heating surface of fire box 105 square feet. Fire grate area 22 square feet. Working pressure of boiler, per square inch 160 lbs. Height of centre of boiler from rails 7 feet 6 inches. Length of engine frames 25 feet 2 inches. Thickness of engine frames 1 1/16 inches. Distance between engine frames 4 feet 11 inches. Diameter of coupled wheels on tread 6 feet 6 inches. Diameter of leading wheels on tread 4 feet. Centres of wheels leading to driving 7 feet 5 inches. Centre of wheels driving to trailing 8 feet 4 inches. Total wheel base of engine 15 feet 9 inches. Height of buffers from rail 3 feet 6 inches.						
		Tenders.						
		Number of wheels six. Diameter of wheels on tread 3 feet 6½ inches. Distance of wheels leading to middle 5 feet 6 inches. Distance of wheels middle to trailing 5 feet 6 inches. Total wheel base 11 feet. Distance between centres of journals 6 feet 10 inches. Thickness of main frames 1 3/16 inch. Length of frames 18 feet. Distance between main frames 6 feet 3⅝ inches. Capacity of tank 2,250 gallons Capacity for fuel 200 cubic feet.						

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/89 — 8-8-94 ...	Engine, locomotive, complete —*concld.*	Dubs & Co., four wheels, coupled, and a four-wheeled bogie in front, inside cylinders and inside frames, and separate tenders on six wheels, as per description below :—	*2,260	0	0	Each	Eastern Bengal ...	* Engine ... £ 1,860 Tender ... £ 400 Total ... £ 2,260
		Engines. *Diameter of cylinder inside 1 foot 6 inches. Stroke of piston 2 feet 2 inches. Centre of cylinder to centre of driving axle 10 feet 7 1/16 inches. Length of boiler barrel between tube plates 11 feet 4½ inches. Diameter of boiler barrel outside 4 feet 5 inches. Length of fire box casing outside 6 feet 6 inches. Width of fire box casing at bottom outside 4 feet 6 inches. Width of fire box casing at centre outside 4 feet 6 inches. Height of centre of boiler from rail 7 feet 10 inches. Number of tubes 224. Diameter of tubes outside 1¾ inches. Heating surface of tubes outside 1,170 square feet. Heating surface of fire box 116 square feet. Fire grate area 22·45 square feet. Working pressure of boiler per square inch 160 lbs. Length of engine frames 29 feet. Thickness of engine frames 1 1/16 inch. Distance between engine frames 4 feet 9 inches. Diameter of coupled wheels on tread 6 feet 3 inches. Diameter of bogie wheels on tread 3 feet 7 inches. Distance between centres of bogie wheels 6 feet 2 inches. Distance between centre of bogie and driving wheels 10 feet 7 inches. Centres of wheels, driving to trailing, 9 feet. Total wheel base of engine 22 feet 8 inches. Height of buffers from rail, 3 feet 6 inches.*						
		Tenders. *Number of wheels 6. Wheel base 11 feet. Diameter of wheels on tread 3 feet 7 inches. Distance between centres of journals 7 feet 3 inches. Thickness of frames ¾ inch. Length of frames 17 feet 10⅜ inches. Distance between frames 6 feet 7½ inches. Capacity of tank, 2,050 gallons. Capicity for fuel, 235 cubic feet.*						

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5″ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Engine—						
31/188 — 15-2-94 ...	Axles ...	Driving for A class engine	52	8	3	Each	Eastern Bengal.	
		„ for B „ „	59	2	0	„		
		Leading, for A and B class engines	7	12	8	„		
37/377 — 29-8-94 ...		Crank	93	18	3	„	North Western.	
		Leading	9	8	6	„		
		Trailing	12	16	7	„		
		Tenders—						
37/377 — 29-8-94 ...		Steel for B, C, D and E class engines	6	12	4	„	Oudh and Rohilkhand.	
32/195 — 13-3-94 ...	Axle boxes ...	With gun metal bearings, complete, for B class tenders ...	3	2	0	Each	Eastern Bengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5″ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
30/578 — 31-1-94 ...	Cocks ...	Gauge, column, complete, (asbestos packed) right and left without the flange, next to the boiler.	2	7	6	Each	Eastern Bengal.	
		Steam, injector with short spindles	1	18	4	„		
		„ „ long „ for H class engines ...	2	4	2	„		
32/195 — 13-3-94 ...		Gun metal, blower, for B and H class engines ...	1	16	8	„		
		Water and overflow for injectors	1	10	0	„		
32/195 — 13-3-94 ...	Cones or Rams ...	Gun metal, for injectors, (Sheward and Gresham's patent) 8 m m.	2	5	0	Each	Eastern Bengal.	
32/195 — 13-3-94 ...	Cylinders ...	For A class engines, 15″ diameter and 20″ stroke, with covers, glands, bushes, cylinder cocks, valves, valve spindles, pistons, piston rods, back and front steam chest covers, with studs and nuts, complete.	65	0	0	Pair	Eastern Bengal.	
		For B class engines, 16″ diameter and 22″ stroke, with covers, glands, bushes, cylinder cocks, valves, valve spindle, pistons, piston rods, back and front steam chest covers, with studs and nuts, complete.	72	0	0	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and dat.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
31/191 — 16-2-94 ...	Gauges, pressure ...	Steam, Bourdon's patent, to register up to 200 lbs. per square inch, diameter of dial 6″, pitch of thread 18 threads to an inch, with central hand, and figures round the dial, not across.	1	0	0	Each	Eastern Bengal.	
		Plain—						
31/41 — 2-2-94 ...	Glasses, gauge ...	10½″ × ⅝″ Outside diameter	0	2	7½	Doz.	Eastern Bengal.	
		11½″ × ⅝″	0	2	10½	„		
35/217 — 18-6-94 ...		12″ × ⅝″	0	1	6	„	North Western.	
		14″ × ⅝″	0	1	9	„		
		16″ × ⅝″	0	2	1	„		
38/256 — 18-9-94 ...	Injectors ...	(Brooke's patent) size 8 left hand, for D class engines ...	11	11	0	Each	Oudh and Rohilkhand.	
37/94 — 9-8-94 ...		Gun metal, with cones, left hand, for L class engines ...	6	0	0	„	North Western.	
32/195 — 13-3-94 ...	Links, quadrant ...	With blocks, for H class engines	5	10	0	Set	Eastern Bengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/195 — 17-8-94	Plates, frame	Steel, 27′ 8″ × 3′ 8″ × 1⅛″ rough, unshaped	16	10	0	Each	Oudh and Rohilkhand.	
		„ 25′ 0″ × 3′ 5″ × 1⅛″ shaped	14	18	0	„		
37/93 — 8-8-94	Pipes	India-rubber, suction embedded, 4 ply, 3′ 4″ long, 2½″ internal diameter, for tenders, without couplings, but with finished ends.	0	14	2	Each	Oudh and Rohilkhand.	
38/210 — 17-9-94	Plates	Copper, fire box, back, for B class engines, Nos. 7 to 90	12	10	0	Each	Eastern Bengal.	
32/195 — 13-3-94	Plates	Steel for buffer beam of H class engines, 9′ 0½″ × 1′ 4″ × 1⅜″, planed all over to dimensions given.	3	5	0	„		
		Steel, side, for fire box casing for B class engines, edges planed to dimensions given.	2	6	8	„		
		Steel planished for lagging of B class boilers:—						
		6′ 8″ × 3′ 9″ × 1/16″ rectangular	0	13	4	„		

CTASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Steel (planished) for lagging of B class boilers:—						
		6′ 8″ × 3′ 3¾″ × 1/16″ rectangular	1	8	4	Each		
		5′ 11″ × 2′ 3½″ × 1/16″ rectangular	0	7	1	„		
		3′ 8¼″ × 3′ 7″ × ⅛″	0	6	8	„		
		Steel (planished) for lagging of H class boilers:—						
		6′ 8″ × 3′ 4⅛″ × 1/16″ rectangular	0	12	8	Each		
		6′ 8″ × 2′ 8⅝″ × 1/16″ rectangular	0	10	0	„		
		5′ 11″ × 2′ 3½″ × 1/16″ rectangular	0	7	1	„		
32/195 — 13-3 94	Plates	3′ 8¼″ × 4′ 2½″ × ⅛″	0	16	8	„	Eastern Bengal.	
		Steel (planished) for clothing of H class cylinders:—						
		3′ 6½″ × 2′ 5¾″ × ⅛″	0	10	0	Each		
		1′ 9½″ × 2′ 9″ × 3/16″	0	9	2	„		
		3′ 1″ × 1′ 0″ × 3/4″	0	3	4	„		
		2′ 0 1/2″ × 1′ 0½″ × 3/16″	0	3	4	„		
		2′ 0 1/2″ × 6¼″ × 3/16″	0	2	1	„		
		1′ 9″ × 7¾″ × 3/16″	0	1	8	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/213 17-8-94	Plates—*contd.*	Steel, smoke box, tube, for B class engines, Nos. 61 to 70...	6	11	8	Each	Oudh and Rohilkhand.	
		Steel, smoke box, tube, for B class engines, Nos. 77 to 90...	6	5	0	„		
30/234 19-1-94	Rings ...	India-rubber for gauge glasses—						
		$\frac{9}{16}$″ External diameter ...	0	3	3	Gross	Eastern Bengal.	
		$\frac{5}{8}$″ ditto	0	5	9	„		
		$\frac{3}{4}$″ ditto						
37/213 17-8-94	Seatings, manhole...	For B class engines, Nos. 7 to 90	6	0	0	Each	Oudh and Rohilkhand.	
31/67 6-2-94	Tubes, boiler ...	Brass, 10′ 6″ long × 1$\frac{5}{8}$″ outside diameter × No. 13 B. W. G. at one end and No. 11 B. W. G. at the other for H class engines.	0	0	5$\frac{5}{8}$	lb.	Eastern Bengal ...	100 tubes = 2,116 lbs.
37/47 2-8-94		Brass, 10′ 2$\frac{1}{2}$″ long × 1$\frac{3}{4}$″ outside diameter × 11 and 13 B. W. G. for H class engines.	0	0	5$\frac{5}{8}$	„	North Western ...	100 tubes = 2,058 lbs.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	d.	s.	Unit.	For what railway.	Remarks.
		Engine, steel—						
38/260 18-9-94	Tyres ...	Engine for B class engines	4	8	2	Each		For driving and trailing.
33/92 9-4-94		„ for B „ „	4	12	4	„	Oudh and Rohilkhand.	
		„ for C „ „	5	19	4	„		
37/3 1-8-94		„ for K. S. „	7	4	6	„	North Western.	
31/294 21-2-94		Driving wheels for C class engines	5	5	7	„	Eastern Bengal.	
33/414 30-4-94		„ wheels for P „ „	8	5	10	„	North Western.	
38/260 18-9-94		„ and trailing for D and E engines ...	8	0	0	„	Oudh and Rohilkhand.	
31/294 21-3-94		„ Leading wheels for A and B engines ...	3	14	7	„	Eastern Bengal.	
		„ driving and trailing wheels for C engines ...	5	5	7	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	d.	s.	Unit.	For what railway.	Remarks.
38/260 18-9-94	Tyres	Leading for D class engines	4	18	0	Each	Oudh and Rohilkhand.	
		„ for E „ „	4	12	0	„		
31/294 21-2-94		Bogie wheels for H class engines	2	5	8	„	Eastern Bengal.	
31/294 21-2-94		*Tender* wheel for A, B and C class engines	3	16	1	„	Eastern Bengal.	
38/260 18-9-94		„ „ „ B class engine	3	16	6	„	Oudh and Rohilkhand.	
		„ „ „ C „ „	4	6	3	„		
33/92 9-4-94		„ „ „ D „ „	4	11	0	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	d.	s.	Unit.	For what railway.	Remarks.
37/208 16-8-94	Wheels	Engine, driving, with balance weights cast on but without tyres and without axles.	30	11	6	Pair	North Western.	
		Engine, driving, with balance weights cast on with tyres and without axles.	48	7	4	„		
		Trailing, with balance weights cast on but without tyres and without axles.	28	15	0	„		
		Trailing with balance weights cast on with tyres and without axles.	46	13	0	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
30/229 19-1-94 ...	Engines, locomotive, complete.	With six wheels (all coupled) outside cylinders, outside frames, and separate tenders on six wheels as per description below :—	*1,320	0	0	Each	Mu Valley ...	*Engine ... £ 1,075 Tender ... £ 245 Total ... £ 1,320
		Engines. *Diameter of cylinder inside 14 inches. Stroke of pistion 20 inches. Centre of cylinder to centre of driving axle, 8 feet 4¼ inches. Length of boiler barrel between tube plates 9 feet 6¾ inches. Diameter of largest ring of boiler barrel outside 3 feet 5 inches. Length of fire box casing outside 5 feet 9 inches. Width of fire box casing at bottom outside 2 feet 10½ inches. Width of fire box casing at top outside 2 feet 6⅞ inches. Number of tubes 145. Diameter of tubes outside 1⅞ inches. Heating surface of tubes outside 590 square feet. Heating surface of fire box 59 square feet. Fire grate area 12 square feet. Working pressure of boiler per square inch 140 lbs. Length of engine frames 21 feet 6½ inches. Thickness of engine frames ¾ inch. Distance between engine frames 3 feet 11½ inches. Diameter of coupled wheels on tread 3 feet 6½ inches. Centres of wheels leading to driving 5 feet 3 inches. Centres of wheels driving to trailing 5 feet 9 inches. Total wheel base of engine 11 feet. Height of buffer from rail 1 foot 10 inches.*						

CLASS OF STROES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Tenders.						
30/229 —*contd.*		*Number of wheels six. Wheel base 7 feet 10½ inches. Diameter of wheels on tread 2 feet 1⅛ inches. Distance between centres of journals 4 feet 7⅛ inches. Thickness of frames ⅞ inch. Length of frames 14 feet 2¾ inches. Distance between frames 4 feet 2 inches. Capacity of tank 1,000 gallons. Capacity for fuel 230 cubic feet.*						
		Tank, with six wheels (all coupled), outside cylinders and inside frames, as per description below.	855	0	0	Each	Eastern Bengal (Kaunia-Dharla Section.)	
		Engines.						
35/237	19-6-94 ... Engines, locomotive, complete—*contd.*	*Diameter of cylinder 8½ inches. Length of stroke 12 inches. Centre of cylinder to centre of driving axle 6 feet 11½ inches. Length of boiler barrel between tube plates 8 feet. Diameter of largest ring of boiler barrel outside 2 feet 8¼ inches. Length of firebox casing outside 3 feet 10 inches. Width of firebox casing at bottom outside 2 feet ½ inch. Width of fire box casing at centre outside 2 feet 9⅛ inches. Diameter of leading, driving, and trailing wheels on tread 2 feet 3½ inches. Centres of wheels leading to driving 4 feet 3 inches. Centres of wheels driving to trailing 4 feet 3 inches. Working steam pressure per square inch 150 lbs. Heating surface of tubes 210 square feet. Heating surface fire box 29 square feet. Grate areas 5·18 square feet. Capacity of tanks 200 gallons. Capacity for bunker 20 cubic feet.*						

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
41/112 14-12-94 ...	Axles ...	Steel trailing for E class engines	2	5	7	Each	Burma.	
36/155 12-7-94 ...		Leading ... For F class engines	4	13	2	„		
39/94 9-10-94 ...		Leading ... For F class engines	4	3	0	„		
		Trailing ... For F class engines	9	19	3	„		
		Driving ... For O class engines ...	4	10	8	„		
		Trailing ... For O class engines ...	4	17	3	„		
31/188 15-2-94 ...		Steel for all classes of tenders	2	19	2	Each	Eastern Bengal and Burma.	
32/195 13-3-94 ...	Bars, slide ...	For E class engines	1	11	8	„	Eastern Bengal.	
		For new F class engines	1	16	8	„		
		For old F class engines	1	16	8	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/293 21-4-94 ...	Buffers, flexible ...	With hooks and duplex screw couplings, for engines and tenders.	4	10	0	Each	Burma.	
39/96 9-10-94 ...		Without hooks, screw couplings or other gear, for engines and tenders.	2	7	6	„		
39/95 9-10-94 ...	Carriers ...	For shafts reversing, with arms	1	0	0	Each	Burma.	
33/416 30-4-94 ...	Cocks ...	Belly, blow off, for F and O class engines	1	13	1	Each	Burma.	
		Blower and whistle, without column for F class engine ...	2	3	7	„		
		Injector, steam, for E class engine	1	14	4	„		
		„ „ left hand	2	3	10	„		
		„ „ right hand	2	3	10	„		
		Scum, for F and O class engines	1	2	5	„		
31/289 21-2-94 ... 31-10-94 ...		Water, gauge column— Right hand / Left hand } For F class engines ...	3	12	6	Set	...	Hopkinson's latest patent absolute safety.
39/347		Water, gauge column, automatic, self-closing, asbestos packed, right and left hand.	2	0	0	„	Jorhat	Dewrance's patent.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD(*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/5 1-8-94 ...	Cranks	Steel driving	10	17	10	Each	Burma.	
		„ leading } For F class engines ...	6	4	4	„		
		„ trailing	5	7	6	„		
41/113 14-12-94 ...		„ hooped driving } For O class engines ...	16	0	0	„		
		„ „ trailing	12	10	0	„		
33/292 21-4-94 ...	Cylinder spring ...	Vulcanized, (Spencer's patent), best quality, with wrought iron rings, for O class bogie engine.	0	3	6	Each	Burma.	
36/13 4-7-94. ...	Ferrules ...	Steel, $1\frac{1}{4}$″ long $\frac{3}{32}$″ thick, taper 1″ 20, for tubes $1\frac{5}{8}$″ outside diameter × 12 B. W. G. for F and O class engines.	5	12	6	Per 1,000	Burma.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS.—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on Board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/391 28-4-94	Gauges, pressure ...	Steam, to register up to 200 lbs. per square inch. Diameter of dial 7″ with central hand, and figures round the dial, not across.	1	1	0	Each.	Burma.	Bourdon's patent.
31/191 15-2-94		Tubes for Bourdon's patent, pressure gauge, to register up to 200 lbs. per square inch, size of dial 6″, with shoes and lifters, complete.	0	7	0		Eastern Bengal.	
	Glasses, gauge ...	Plain—						
33/49 5-4-94		48″ × $\frac{3}{4}$″ for mercurial column for testing gauges	0	15	0	doz.	Burma.	
31/41 2-2-94		18″ × $\frac{3}{4}$″	0	5	$7\frac{1}{2}$	„	Eastern Bengal.	
		18″ × $\frac{5}{8}$″	0	4	6	„		
		18″ × $\frac{1}{2}$″	0	3	$4\frac{1}{2}$	„		
		15″ × $\frac{1}{2}$″	0	2	$9\frac{3}{4}$	„		
		14″ × $\frac{5}{8}$″	0	3	6	„		
		$10\frac{1}{2}$″ × $\frac{5}{8}$″	0	2	$7\frac{1}{2}$	„		
33/49 5-4-94		$9\frac{1}{2}$ × $\frac{5}{8}$″	0	2	$4\frac{1}{2}$	„	Burma.	
		$8\frac{3}{4}$ × $\frac{5}{8}$″	0	2	3	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/49 5-1-94	Glasses, gauge—*concld.*	Plain—						
		4″ × ⅜″ } for sight feed lubricators	0	2	6	Doz.	Burma.	
		3″ × ¾″ }	0	2	0	,,		
39/207 17-10-94	Glasses, spectacle ...	British polished plate, $\frac{3}{16}$″ thick—						
		13¼″ diameter	0	1	3½	Each.	Burma.	
		13⅜″ ,, ...	0	1	3½	,,		
		12⅝″ ,, ...	0	1	1½	,,		
		12⅛″ ,, ...	0	0	11½	,,		
30/379 31-1-94		British, polished, plate clear, 13⅜″ diam. × ¼″ thick for E Class engines	0	1	6	,,	Eastern Bengal.	
39/2 1-10-94	Injectors ...	Self-acting and starting with steam and overflow valves, complete, right and left hands, No. 4 (Gresham's patent).	3	10	0	Each.	Jorhat.	
32/195 13-3-94	Lubricators ...	Steam chest, for new F. class engines	1	0	10	Each.	Eastern Bengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/417 30-4-94	Lubricators—*concld.*	Sight feed, "Steam, Hubburd's patent, cloudless" ...	7	7	0	Each.	Burma.	Threlfall's patent.
39/1 1-10-94		Sight feed, steam, Stone's patent	5	10	0	,,		
39/276 25-10-94		No. A "Motion bar" pattern ... } Automatic ...	0	15	6	,,		
		,, B "Twin axle-box" pattern ...	2	4	6	,,		
		" D "Steam hammers" pattern	1	11	6	,,		
		,, E connecting rod pattern ...	0	19	6	,,		
33/290 21-4-94	Pins	Cotter, split 3″ × ¼″	0	1	2	Gross.	Burma.	
		2½″ × $\frac{3}{16}$″	0	0	8	,,		
		2″ × $\frac{3}{16}$″	0	0	6	,,		
		1½″ × $\frac{3}{16}$″	0	0	6	,,		
		1½″ × ⅛″	0	0	4	,,		
		Taper split steel 4″ × $\frac{7}{16}$″	0	13	6	,,	,,	
		4″ × ⅜″	0	11	0	,,		
		2¼″ × $\frac{3}{16}$″	0	5	0	,,		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*).—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
32/42, 2-3-94	Plates	Copper, fire box, back, for new F Class engines ...	6	15	0	Each.	Eastern Bengal.	
		Copper, fire box, crown and sides in one piece for new F Class engines	27	10	0	„		
		Copper, fire box, tube, for new F Class engines ...	11	15	0	„		
39/96, 9-10-94		Steeel smokebox, tube, complete, with tubeholes, for E Class engines	6	13	4	„	Burma.	
32/217, 14-3-94	Rings ...	India-rubber for gauge glasses ⅛″ internal diameter ...	2	0	6	Per 1,000	Burma.	
33/176, 13-4-94		India-rubber for gauge glasses ¼″ internal diameter ...	1	3	3	„		
39/95, 9-10-94	Rods, connecting ...	With pins, brasses, &c., complete (right and left) for B Class engines	7	10	0	Each.	Burma.	
33/290, 21-4-94	Screws, lagging ...	For A, E, F, and O Class engines	0	4	0	Per 100	Burma.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s	d.	Unit.	For what railway.	Remarks.
39/95, 9-10-94	Shafts.	Reversing, with arms, complete, for O class engines ...	5	0	0	Each.	Burma.	
33/416, 30-4-94 ...	Sheaves, Eccentric ...	For E class engines	6	4	0	Set.		
		For F and O class engines	6	16	8	„		
39/95, 9-10-94 ...		For B class engines, forward and backward, with pins and cotters finished complete, except the holes for the axle which are to be ⅛″ smaller than finished size. ...	3	0	0	Pair.	Burma.	
38/351, 26-9-94	Springs.	Bogie (Timmis)	0	14	0	Each.	Jorhat.	
39/130, 13-10-94.	Springs, bearing.	Bogie, for B class engines	1	6	0	Each.	Burma.	
		Driving and trailing, B class	1	2	0	„		
33/292, 21-4-94 ...	Springs, cylinder ...	Vulcanized rubber, best quality, with wrought iron rings, for O class engines	0	3	6	Each.	Burma.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES, (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contrated for in 1894.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount. £.	s.	d.	Unit.	For what railway.	Remarks.
41/77	12-12-94.	Studs.	Steel, steam chest, for A. E. F. and O class engines ...	1	10	0	Gross.	Burma.	
31/67	6-2-94.	Tubes.	Boiler, brass, 9 feet 9½ inches long, 1⅝ inches external diameter 12 and 14 B. W. G. thick, for new F class engines	0	0	5⅞	lb.	Eastern Bengal.	100 tubes=1,625 lbs.
		Tyres.	*Engine, steel—*						
31/294	21-2-94		For leading, driving and trailing wheels, for engine No. 5	2	5	0	Each.	Eastern Bengal.	Kaunia-Dharla Section 2′ 6″ gauge.
36/154	12-7-94		For leading and driving wheels, for B. class engines ...	3	1	7	„	Burma.	
31/294	21-2-94		For leading and driving wheels, for new F. class engines ...	2	12	9	„	Eastern Bengal.	
40/130	14-11-94		For leading and driving wheels 3′ 1⅛″ inside diameter, for F. class engines	3	8	6	„	Burma.	
38/260	18-9-94		For leading and driving wheels, 4″ wide, 2¾″ thick on tread	2	5	0	„	Jorhat.	2 feet gauge.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*) —LOCOMOTIVES; (1)—ENGINES AND SPARE PARTS—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/154	12-7-94	Tyres—*concld.*	*Engine, steel—* For bogie wheels, for B class engines	1	17	3	Each	Burma.	
31/294	21-2-94		For trailing wheels, E class engines	1	13	6	„	Eastern Bengal.	
			Tender steel— For E class	1	13	6	„	Do.	
41/73	11-12-94		For E and F class „	2	7	6	„	Do.	
40/130	14-11-94		For O class tender and Bogie	2	9	10	„	Do.	
31/293	21-2-94	Valves.	Steam, brake, complete, with unions for boiler ...	3	0	0	Each	Burma.	
39/95	9-10-94		Steam, brake, complete, with unions, for F and O class boilers.	3	10	0	„	„	

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/292 — 21-4-94	Washers.	India rubber, valcanized, 6″ diameter by 2″ hole, 2″ thick, for engine buffers.	0	6	2	Each	Burma.	
		For engine buffers 6″ diameter × 2″ thick and centre hole 2″ diameter.	0	6	6	,,		
31/296 — 21-2-94		India rubber for ball and socket joints, 6″ diameter × $\frac{3}{16}$″ thick, and centre hole $3\frac{3}{4}$″ diameter.	2	10	0	Per 100	Estern Bengal.	
		India rubber for engine buffers, 6″ diameter × 2″ thick, and centre hole 2″ diameter.	0	6	6	Each		
27/208 — 16-8-94	Wheels	Engine, trailing, cast steel	1	11	3	Each	Jorhat.	

CLASS E.

ROLLING STOCK.

(*a*).—**LOCOMOTIVES.**

(2)—*Vacuum Automatic Brake Gear and Rigging.*

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (2)—VACUUM AUTOMATIC BRAKE GEAR AND RIGGING.

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
32/324 20-3-94	Brake gear, complete	Vacuum, automatic (without rigging) for H. B. class engines and tenders, as per details in appendix A.	85	4	8	Set.	North Western.	
40/315 28-11-94		Vacuum, automatic, complete in every respect with brake rigging, fittings, spare pipes, &c., &c., for engines and tenders, as per details in appendices B and D.	113	18	7	Set.	Oudh and Rohilkhand.	
	Bend pipes ...	1 inch	0	2	6	Each.	Eastern Bengal.	
		¾ inch	0	2	0	„		
31/112 9-2-24	Couplings ...	Spare, for 18″ × 2″ hose pipe	0	9	0	Pair.	Eastern Bengal.	
	Couplings, ball ...	Spare, for 18″ × 1″ hose pipe	1	1	0	Pair	Eastern Bengal.	
	Cylinders ...	With pistons	11	8	0	Each		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (2)—VACUUM AUTOMATIC BRAKE GEAR AND RIGGING—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
31/112 9-2-94	Cylinder, ball valves...	Double branched	2	2	0	Each.	Eastern Bengal.	
	Drip trap ...	Complete	0	11	6	„		
31/112 9-2-94	Packing	India rubber for piston rod	0	1	3	„		
37/160 10-8-94	Pipes ...	Ejector (copper) through boiler, for L class engines ...	2	7	1	„	Eastern Bengal.	
		Hose India rubber, without couplings, 27″ × 2″ ...	0	10	6	„		
31/112 9-2-94		Do. do. 18″ × 1″ ...	0	6	6	„		
		Do. do. 18″ × 2″ ...	0	9	3	„		
		Do. do. 18″ × ½″ ...	0	5	6	„		
32/20 1-3-94		Feed, India rubber between engine and tender—						
		For B class engines	0	14	6	„		
		For H class engines	0	16	6	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*a*)—LOCOMOTIVES; (2)—VACUUM AUTOMATIC BRAKE GEAR AND RIGGING—*concld.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
	Rings... ...	India rubber, 21″ for cylinder cover joint	0	0	9	Each.	Eastern Bengal.	
		India rubber, rolling, for piston	0	6	0	„		
31/112 9-2-94	Syphon, Tee ...	Brass, for connection on train pipe	0	14	0	„		
	Tee pipes ...	With one outlet, for 1″ gas pipe and two outlets for ¾″ gas pipe.	0	5	0	„		
		With equal outlets 2″	0	2	0	„		
		With equal outlets ¾″	0	1	0	„		
	Vacuum chamber ...	.....	4	0	0	„		
31/112 9-2-94	Vacuum gauge ...	Duplex	2	10	0	„	Eastern Bengal.	
	Valve ball ...	Brass, for cylinder ball valve	1	0	0	„		

CLASS E.

ROLLING STOCK.

(*b*)—COACHING AND GOODS STOCK.

(1) Complete Ironwork for Vehicles.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*).—COACHING AND GOODS STOCK; (1)—COMPLETE IRONWORK FOR VEHICLES.

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching stock.						
31/185 15-2-94 ...	Brake vans ...	Underframe, underframe and body, steel and ironwork, roofings, lavatory, metallic fittings, and panel pins, complete, for 6 wheeled brake vans 19 feet 3 inches long.	113	0	0	Set	East Coast.	
32/366 22-3-94 ...		Underframe, underframe and body, steel and ironwork, roofing, metallic and lavatory fittings, for 4 wheeled brake vans 19 feet 3 inches long.	121	2	0	"	Eastern Bengal.	
39/92 8-10-94 ...		Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, also hand-gear, for brake and roofing, lavatory and metallic fittings for brake vans 24 feet 2 inches long.	149	0	0	"	Lucknow-Rae Bareilly and Bareilly-Rampur-Moradabad.	
31/185 15-2-94 ...	Carriages, composite	Underframe, underframe and body, steel and ironwork, roofing, lavatory and metallic fittings and panel pins for one composite (first and second class) carriage, complete, 24 feet 2 inches long.	137	0	0	Set	East Coast.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*).—COACHING AND GOODS STOCK; (1)—COMPLETE IRONWORK FOR VEHICLES—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching Stock—contd.						
32/366 — 22-3-94 ...		Underframe, underframe and body, steel and ironwork and metallic fittings for composite (first and second class) carriages, 27 feet 6 inches long, with lateral compartments.	106	1	0	Set	Eastern Bengal.	
39/92 — 8-10-94 ...	Carriages, composite —*contd.*	Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, roofing, lavatory and metallic fittings, for composite (first and second class) carriages, 25 feet 2 inches long.	193	0	0	„	Lucknow-Rae-Bareilly and Bareily-Rampore-Moradabad.	
		Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, roofing and metallic fittings, for composite (intermediate and third) class carriage, 29 feet 2 inches long.	156	0	0	„		
31/185 — 15-2-94 ...	Carriages, first class	Underframe, underframe and body, steel and ironwork, roofing, lavatory and metallic fittings, and panel pins for one first class carriage, complete, 24 feet 2 inches long.	137	0	0	Set	East Coast.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*).—COACHING AND GOODS STOCK; (1)—COMPLETE IRONWORK FOR VEHICLES—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching Stock—contd.						
39/92 — 8-10-94 ...	Carriages, first class —*contd.*	Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, roofing, lavatory and metallic fittings for first class carriage, 25 feet 2 inches long.	192	0	0	Set	Lucknow-Rae Bareilly and Bareilly-Rampore-Moradabad.	
31/185 — 15-2-94 ...	Carriages, second class	Underframe, underframe and body, steel and ironwork, roofing, lavatory and metallic fittings, and panel pins, for second class carriage, complete, 24 feet 2 inches long.	136	0	0	Set	East Coast.	
39/92 — 8-10-94 ...		Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, roofing, lavatory and metallic fittings for second class carriage, 25 feet 2 inches long.	194	0	0	„	Lucknow-Rae Bareilly and Bareilly-Rampore-Moradabad.	
32/366 — 22-3-94 ...	Carriages, Intermediate.	Underframe, underframe and body, steel and ironwork, roofing and metallic fittings for intermediate class carriages, 27 feet 6 inches long.	85	1	0	Set	Eastern Bengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*).—COACHING AND GOODS STOCK; (1)—COMPLETE IRONWORK FOR VEHICLES—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching Stock—contd.						
39/92 8-10-94 ...	Carriages, Intermediate—*concld.*	Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, roofing and metallic fittings for intermediate class carriages, 27 feet 6 inches long.	153	0	0	Set	Lucknow-Rae Bareilly and Bareilly-Rampore-Moradabad.	
30/96 9-1-94 ...	Carriages, third class	Underframe, and body, steel and ironwork, roofing, metallic fittings and latrine fittings for one third class carriage, 27 feet 6 inches long.	93	13	0	Set	Eastern Bengal.	
31/185 15-2-94 ...		Underframe, underframe and body, steel and ironwork, roofing, and metallic fittings and panel pins for one third class carriage, complete, 27 feet 6 inches long.	91	0	0	„	East Coast.	
32/366 22-3-94 ...		Underframe, underframe and body, steel and ironwork, roofing, metallic fittings and latrine fittings, complete, for one third class carriage, 27 feet 6 inches long.	96	19	6	„	Eastern Bengal.	
39/92 8-10-94 ...		Underframe, underframe and body, steel and ironwork, automatic vacuum, brake gear and rigging, roofing and metallic fittings for one third class carriage, 27 feet 6 inches long.	151	0	0	„	Lucknow-Rae Bareilly and Bareilly-Rampore-Moradabad.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (1)—COMPLETE IRONWORK FOR VEHICLES—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching Stock—contd.						
31/185 15-2-94 ...	Horse boxes ...	Underframe, underframe and body, steel and ironwork, roofing and metallic fittings and panel pins for one horse box, complete, 24 feet 2 inches long.	90	0	0	Set	East Coast.	
39/92 8-10-94 ...		Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, roofing, lavatory, and metallic fittings for one horse box, 20 feet long.	142	0	0	„	Lucknow-Rae Bareilly and Bareilly-Rampore-Moradabad.	
31/185 15-2-94 ...	Post Office vans ...	Underframe, underframe and body, steel and ironwork, roofing and metallic fittings and panel pins, for one Post Office carriage, complete, 28 feet 6 inches long.	121	0	0	Set	East-Coast.	
40/71 9-11-94 ...	Saloon (special) ...	Underframe, steel and ironwork, with wheels and axles, bearing and draw and buffer springs. I. R. window cushions. Attocks blocks lamps, axle boxes, and fittings panels, wood mouldings, &c., &c., for one bogie saloon State carriage, 50 ft. 6 ins. long (complete in every detail) for His Highness the Nawab of Rampur.	1,500	0	0	Set	Oudh and Rohilkhand.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (1) COMPLETE IRONWORK FOR VEHICLES—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching Stock—concld.						
39/92 8-10-94 ...	Vans, luggage ...	Underframe, underframe and body, steel and ironwork, automatic vacuum brake gear and rigging, roofing, lavatory, and metallic fittings for one luggage van, 24 ft, 2 ins. long.	145	0	0	Set	Lucknow-Rae Bareilly and Bareilly-Rampore-Moradabad.	
33/287 20-4-94 ...	Cranes, accident, complete.	Break down, travelling, hand power, with shear legs and revolving gear. Jib 18 ft. radius. To lift 15 tons.	795	0	0	Each	Eastern Bengal.	
		Goods stock.						
	Oil tanks ...	Underframe, underframe and body, steel and ironwork and fittings for one oil tank, 18 ft. long.	152	0	0	Set	East Coast.	
34/3 2-5-94 ...	Powder vans ...	Underframe, underframe and body, steel and ironwork and fittings for one Powder van, 18 ft. long.	98	0	0	Set	East Coast.	
	Wagons, covered goods	Underframe, underframe and body, steel and ironwork for one covered goods wagon, 18 ft. long.	73	17	0	Set	East Coast.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (1) COMPLETE IRONWORK FOR VEHICLES—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Goods Stock—(concld).						
33/228 17-4-94 ...	Wagons, covered goods	Underframe, underframe and body, steel and ironwork for covered goods wagons 18 ft. long.	75	0	0	Set	Eastern Bengal.	
37/178 14-8-94 ...	Wagons, covered goods	Underframe and body, steel and ironwork, with top door hinges.	66	5	0	„	Oudh and Rohilkhand.	Without top door hinges £1-15-0 less.
	Wagons, covered goods	Underframe and body, steel and ironwork, with bottom (or flap) door hinges.	67	4	0	„	Oudh and Rohilkhand.	Without bottom door (or flap) hinges £1-4-0 less.
33/228 17-4-94	Wagons, low-sided ...	Underframe, underframe and body, steel and ironwork for low-sided wagons 19 ft. 3 in. long.	61	...	0	Set	Eastern Bengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (1) COMPLETE IRONWORK FOR VEHICLES—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching Stock.						
30/183, 16-1-94	Brake Vans ...	Underframe and body, steel and ironwork for Brake Vans, 20 feet long.	71	10	0	Set ...	Mu Valley.	
37/378, 29-8-94	Carriages, composite	Underframe, underframe and body, steel and ironwork, roofing, iron, gun metal and brass fittings and lavatory fittings for composite (1st and 2nd class) carriages, 20 feet 10 inches long.	89	2	0	Set ...	Eastern Bengal, Kaunia-Dharlla section (2′ 6″ gauge).	
37/378, 29-8-94	Carriages, intemediate.	Underframe, underframe and body, steel and ironwork, roofing, iron, gun metal and brass fittings for intermediate class carriage, 20 feet 10 inches long.	52	3	0	Set ...		
30/183, 16-1-94	Carriages, third class	Underframe and bogie trucks and steel and ironwork for underframe, bogie, trucks, and bodies; roofing, lavatory and metallic fittings, etc., for third class bogie carriages, 40 feet long.	171	0	0	Set ...	Mu Valley.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCKS; (1)—COMPLETE IRONWORK FOR VEHICLES—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Coaching Stock—contd.						
37/378, 29-8-94	Carriages, third class —*contd.*	Underframe, underframe and body, steel and ironwork, roofing, iron, gun metal, and brass fittings, for third class carriage.	44	4	0	Set ...	Eastern Bengal, Kaunia-Dharlla section (2′ 6″ gauge).	
30/183 and 34/65, 16-1-94 ... 10-5-94 ...	Carriages, Inspection	Underframe, underframe and body, steel and ironwork, end, buffer gear, roofing and other fittings for 4-wheeled first class inspection carriages, 20 feet long, without brake gear.	90	11	0	Set ...	Mu Valley.	
30/183, 16-1-94	Horse boxes ...	Underframe and body, steel and ironwork for 4-wheeled horse boxes, 20 feet long, *without* break gear.	65	16	0	Set ...	Mu Valley.	
		Goods Stock.						
37/378, 29-8-94	Wagons, covered goods	Underframe, underframe and body, steel and ironwork, and roofing, for one covered goods wagon complete, 18 feet long.	44	12	0	Set ...	Eastern Bengal, Kaunia-Dharlla section (2′ 6″ gauge).	

CLASS E.

ROLLING STOCK.

(*b*)—COACHING AND GOODS STOCK.

(2)—Ironwork.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2)—IRONWORK.

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		For carriage and wagon wheels.						
37/61 3-8-94	Axles ...	Steel, journals 4½″ × 9,″ finished, complete. Wheel seats, rough turned to 6½″.	4	17	8	Each	North Western.	
37/91 8-8-94		Steel, broad gauge standard pattern, finished, complete, except wheel seats, which are to be rough turned, to 6″ diameter.	5	5	9	,,	Eastern Bengal.	
		Steel, broad gauge, finished, complete, except where indicated on drawing.	5	0	11	,,		
37/377 20-8-94 ...		Steel, rough turned, on wheel seats and journals to dimensions given.	5	6	9	,,		
40/2 2-11-94		Steel, journal 4″ × 9,″ radius of axle journal ¾″ ...	3	7	0	,,	Oudh and Rohilkhand.	
		Steel, journal 4½″ × 9″, radius of axle journal ¾″ ...	3	11	6	,,		
30/181 16-1-94 ...	Axle boxes ...	With brasses, &c., complete, standard pattern ...	0	19	5	Each	Eastern Bengal.	
31/189 15-2-94 ...		With covers and leather shields, complete, but without brasses.	0	11	1	,,		

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		For carriage and wagon wheels—concld.						
32/401 22-3-94	Axle boxes—*concld.*	Cast iron, without brasses, or leather shields ...	0	9	10	Each	North Western.	
32/402 22-3-94		With gun metal bearings, complete, for wagon journals 9″ × 4″	0	17	9	,,	Eastern Bengal.	
		With gun metal bearings, complete, for journals 9″ × 4″...	0	18	9	,,	East Coast.	
		With gun metal bearings, complete, for journals 9″ × 4½″	1	0	9	,,		
37/76 8-8-94		Without brasses and leather shields class F	0	8	5	,,	North Western.	
37/428 31-8-94		Steel, pressed, complete, with cast iron slipper, but without gun metal bearings	0	18	3	,,	Eastern Bengal.	
		Spare parts—						
31/189 15-2-94		Brasses, bored and faced, carriage and wagon... ...	0	4	5	,,	Eastern Bengal.	
		,, ,, ,, 6⅜″ long, wagon	0	4	5	,,		

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on Board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/236 17-8-94 ...	Body, iron work ...	Iron sheet, corrugated, galvanized, for roof of carriage 10′ 8″ long, cured.	11	15	0	Ton	Oudh and Rohilkhand.	
		Sheets for panels—						
37/284 22-8-94 ...	Spare parts of— ...	2′ 6″ × 1′ 2⅜″ × 14 S. W. G.						
		2′ 6″ × 2′ 4½″ × 14 ,, ...						
		2′ 2¼″ × 1′ 8½″ × 14 ,, ...	13	0	0	Cwt.	Ditto.	
		4′ 3¼″ × 2′ 6″ × 14 ,, ...						
		4′ 3⅜″ × 2′ 0½″ × 14 ,, ...						
36/262 20-7-94 ...		4′ 3¾″ × 2′ 0″ × 14 ,, ...						
		Washers, galvanized, 1″ diar. × 12 S. W. G. thick for ⅜″ rivets.	1	12	0	Cwt.	North Western.	
38/212 17-9-94 ...	Chains, safety ...	Or side (of 3 links) without hooks and eye bolts ...	0	2	0	Each	Oudh and Rohilkhand.	
		,, (of 6 links) without eye bolts	0	4	7	,,		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2)—IRONWORK—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
30/290 24-1-94 ...	Springs ...	Bearing for carriages 12 plated, standard pattern ...	2	1	0	Each.		
		„ „ 12 plated, for composite, intermediate and 3rd class carriages.	2	1	3	„		
		Bearing for brake-vans	1	19	0	„		
33/16 3-4-94 ...		„ Wagon, 10 plates	1	5	7	„		
		„ „ laminated	1	6	3	„	Eastern Bengal.	
		„ carriage laminated	1	19	0	„		
		„ carriage, 12 plated, standard pattern ...	2	3	5	„		
37/60 3-8-94 ...		„ wagon, 10 plated, standard pattern ...	1	6	0	„		
		„ wagon, 11 plates, 3½″ × ½″, North Western Railway type.	1	11	7	„		
39/270 25-10-94 ...		Bearing for carriages and horse-boxes	2	4	6	„	Lucknow-Rae Bareilly, &c., &c.	
		„ „	2	9	6	„		
30/180 16-1-94 ...		Buffer, spiral, for 3rd class carriages	0	7	8½	„	Eastern Bengal.	
33/61 6-4-94 ...		„ „ for wagons	0	8	8½	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2)—IRONWORK—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/103 9-7-94 ...	Springs—*contd.* ...	Buffer, spiral, for wagons	0	6	8½	Each	Oudh and Rohilkhand.	
36/218 17-7-94 ...		„ „ „ „	0	6	7½	„	Eastern Bengal.	
37/75 8-8-94 ...		„ „ parallel, 9½″ long, 5¼″ diameter, 2¼″ hole, section B or C.	0	6	3	„	North Western.	
38/26 5-9-94 ...		Buffer, spiral, 16¾″ × 6¾″ × 1⅝″ hole, for carriages ...	0	9	6½	„	Oudh and Rohilkhand.	
39/272 25-10-94 ...		Buffer, spiral	0	7	2¾	„	Lucknow-Rae Bareilly, &c., &c.	
30/180 16-1-94 ...		Buffer, recoil, for 3rd class carriages	0	2	4½	„	Eastern Bengal.	
33/61 6-4-94 ...		„ „ spiral (for wagons)	0	1	10½	„		
36/103 9-7-94 ...		„ „ „ „	0	2	1½	„	Oudh and Rohilkhand.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2)—IRONWORK—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/218 17-7-94 ...	Springs—*contd.* ...	Buffer, recoil	0	2	1½	Each	Eastern Bengal.	
38/16 4-9-94 ...		,, ,, ...	0	2	2	,,	Oudh and Rohilkhand.	
39/272 25-10-94 ...		,, ,, ...	0	2	1½	,,	Lucknow-Rae Bareilly, &c.	
30/180 16-1-94 ...		,, volute, for draw hooks	0	5	2½	,,		
33/61 16-4-94 ...		,, ,, ,, ,, ...	0	4	5	,,		
36/218 17-7-94 ...		,, ,, ,, ,, ...	0	4	5½	,,	Eastern Bengal.	
36/218 17-7-94 ...		,, ,, for cylindrical wagons	0	3	2	,,		
38/16 4-9-94 ...		,, volute	0	8	0	,,	Oudh and Rohilkhand.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/103 9-7-94. ...	Springs—concld.	Draw	0	6	1	Each.	Oudh and Rohilkhand.	
37/75 8-8-94. ...		,, volute 9½″ long, 6¼″ diameter at base and 2½″ hole	0	4	9	,,	North Western.	
38/16 4-9-94. ...		,, bar	0	6	0	,,	Oudh and Rohilkhand.	
38/26 5-9-94. ...		,, volute 9½″ × 5½″ × 2½″ hole	0	8	8½	,,	Lucknow-Rae Bareilly, &c.	
39/272 25-10-94. ...		,, ,, ,, ...	0	5	11¼	,,		
37/75 8-8-94. ...		Innermost coil only of bogie nest springs, for bogie coaching stock.	0	5	9	,,	North Western.	
36/240 19-7-94 ...	Tyres ...	For carriage and wagon wheels.	2	1	7	Each.	Eastern Bengal.	
		,, ,, ,, ...	2	5	9	,,		
		,, ,, ,, ...	2	6	6	,,		
		For wagon wheels (Mansell pattern)	2	2	3	,,	Oudh and Rohilkhand.	
38/205 14-9-94 ...		Ring clips for tyres Mansell's type fastening	0	8	6	,,		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
34/2 2-5-94 ...	Underframe—steel and ironwork, sets complete	Underframe, steel and ironwork complete, for carriages, 27 feet long.	50	10	0	Set.	Oudh and Rohilkhand.	
		Underframe and steel and ironwork for Intermediate and third class carriages, complete, 24 feet long.	48	0	0	,,		
		Underframe and steel and ironwork for horse boxes; complete, 20 feet long.	45	0	0	,,		
		Underframe and steel and iron work for postal vans, complete, 28 feet long.	54	10	0	,,		
36/288 24-7-94...	Underframe—ironwork, spare parts of—	Axle guards and bridles, with bolts and split pins, 6½″ opening.	0	13	0	Each.	Eastern Bengal.	
		Buffing and draw gear—						
		Buffers, side, spare, with plungers, washers, nuts and split cotters, complete, standard pattern for carriages and wagons, convex head and flat head.	0	2	8	,,		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/288 24-7-94 ...		Couplings, screw, carriage and wagon, spare, with shackles, pins, washers, &c., complete.	1	8	9	Each.	Eastern Bengal and North Western.	
38/212 17-9-94 ...		Draw bar nuts, black, tapped, 2″ long, hexagon, for 2″ bolts.	0	0	10	,,	Oudh and Rohilkhand.	
36/288 24-7-94 ...		Hinges, iron, for cylindrical wagon doors, short right and short left.	0	4	9	,,	Eastern Bengal.	
37/4 1-8-94 ...	Underframe—ironwork, spare parts of —*contd.*	Panel plates, planished, assorted sizes, 18 B. W. G. thick, from 9′ 0″ × 2′ 7½″ and under, to 2′ 8″ × 2′ 0″	18	10	0	Ton.	Eastern Bengal.	
		Plates for cylinderical wagons—						
		4′ 1½″ × 2′ 3″ × ⅛″	13	15	0	,,		
		4′ 1½″ × 3′ 0″ × ⅛″	7	10	0	,,		
		Plates end for cylindrical wagons—						
		7′ 10″ × 2′ 0″ × 11 B. W. G.	7	10	0	,,		
		7′ 0″ × 2′ 4″ × 11 „ „						

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
	Underframe—ironwork, spare parts of—*concld.*	Plates for rectangular wagons—						
37/4 1-8-94 ...		End plates, 8′ 9″ × 2′ 6″ × 11 B. W. G. ...	7	10	0	Ton.	Eastern Bengal.	
		Bottom plates, 10′ 0″ × 3′ 7″ × 5/16″	7	2	6	„		
		Roof plates, 10′ 6″ × 2′ 6″ × 11 B. W. G. ...	7	10	0	„		
		Shackles and bolts, with washers and split pins for rectangular wagon bearing springs.	0	2	3	Each.		
		Scroll irons, for rectangular wagons	0	5	6	„		
36/288 24-7-94 ...		Underframes iron, spare, without buffers, scroll irons, axle guards, bearing springs, footstep brackets, &c., for carriages, but rivetted up complete.	26	2	6	„		
33/27 4-4-94 ...	Wheels and axles ...	Steel complete, with journals, 9″ × 4″ for carriages ...	12	10	0	Pair.	Eastern Bengal.	
		„ „ „ 9″ × 4½″ for wagons ...						

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

5′ 6″ GUAGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
34/221 28-5-94 ...	Wheels and axles—*concld.*	Steel complete, with journals, for carriages	13	12	6	Pair.	Oudh and Rohilkhand.	
38/55 7-9-94 ...		„ „ „ 9″ × 4½″ for C. G. wagons ...	12	16	6	„		
40/1 2-11-94 ...		„ „	12	14	0	„	Lucknow-Rae Bareilly, &c.	
41/104 13-12-94 ...		„ „ with journals 9″ × 4½″ for covered goods wagons.	12	11	0	„	Oudh and Rohilkhand.	
37/64 4-8-94 ...	Wheels	Carriage, cushioned, W. H. Kitson's patent, with tyres, complete, but without axles.	8	5	0	Each.	EasternBengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		For carriage and wagon wheels.						
37/77 8-8-94 ...	Axles	Best Yorkshire iron, journal $6\frac{5}{16}$" long × $2\frac{7}{8}$" diameter, for carriages and wagons.	2	3	4	Each.	Burma.	
31/104 7-2-94 ...	Axle boxes	With bearing, etc., complete	0	10	0	Each.	Jorhat.	
35/369 29-6-94 ...		Latest standard design, with hinged spring lid for accommodating either large or small journals, fitted with bearings for journals 7" long × $3\frac{1}{4}$" diameter.	0	12	0	„	Mu Valley.	
37/391 30-8-94 ...		With brasses, etc., complete, for carriages and wagons ...	0	12	6	„	Eastern Bengal, Kaunia-Dharlla section 2′ 6″ gauge.	
39/4 1-10-94 ...		With brasses and oil pads, complete	0	8	4	„	Jorhat.	

CLASS OF STORES E.—ROLLING-STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
39/4 1-10-94 ...	Body, ironwork, sets, complete.	Body ironwork, including bottoms, sides, with doors and angle iron ends, with angle iron roofs of plain galvanized sheet, for bogie wagons.	14	13	8	Set.	Jorhat.	
	Body, ironwork, spare parts of—	Plates, steel, for bogie wagons, *viz.* :—						
31/103 7-2-94 ...		4 Bottom plates, 7′ 6″ × 4′ 6″ × $\frac{1}{4}$″	13	10	0	Total for 20 plates.	Jorhat	In contract $\frac{31}{103}$ the cost of 20 plates is £13-0-0.
		4 Door „ 4′ 0″ × 2′ 6″ × $\frac{3}{16}$″						
		4 End „ 4′ 6″ × 2′ 6″ × $\frac{3}{16}$″						
		8 Side „ 5′ 6″ × 2′ 6″ × $\frac{3}{16}$″						
		Rivets, iron, black, Snapheaded—						
33/250 19-4-94 ...		2″, $2\frac{1}{2}$″ and 3″ under head × $\frac{3}{4}$″ diameter	10	7	6	Ton.	Burma.	
		$1\frac{1}{2}$″, $1\frac{3}{4}$″, 2″ and $2\frac{1}{2}$″ under head × $\frac{1}{2}$″ „	11	0	0	„		
		$1\frac{1}{2}$″, $1\frac{3}{4}$″ and 2″ under head × $\frac{5}{8}$″ „	10	12	6	„		
32/372 22-3-94 ...		Screws, coach, iron, galvanized—						
		$3\frac{1}{2}$″ under head × $\frac{3}{8}$″ diameter	1	8	0	Cwt.	Burma.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/249 19-4-94 ...	Body, ironwork, spare parts of—*concld.*	Screws, coach, iron, galvanized—3¼" under head × ⅜" diameter	1	10	0	Cwt.	Burma.	
		Screws, coach, iron, plain, 3" × ⅜"	0	13	6	„		
41/76 12-12-94 ...		Sheets, iron or steel, for panels planished 8', 9½" × 2', 4½" × 12 S. W. G.	11	5	0	Ton		
31/187 15-2-94...	Springs ...	Bearing, eliptical, for bolsters of bogie trucks, for passenger coaches, each group consisting of 6 springs, 3 top buckles, 1 bottom buckle with nuts and washers and split pins, 2 end pins with distance ferrules, washers and split pins.	4	5	0	Group	Mu Valley.	
		Bearing, tension, 9 plates for inspection carriage	1	9	6	Each		
		Bearing, tension, 13 plates for brake vans	1	16	0	„		
		Bearing, carriage 9 plates	1	9	6	„		
		„ „ 11 „	1	13	6	„		
		„ tension 11 „ for horse boxes	1	13	6	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/275 22-8-94 ...	Springs—*contd.*	Bearing with eyes, for carriages	1	11	8	Each.	Eastern Bengal ...	
		„ „ for wagons	0	18	1½	„		
31/187 15-2-94 ...		„ laminated, suspended, for 4 wheeled goods wagons...	0	14	0	„	Mu Valley.	
		„ 7 plated, for wagons	0	13	0	„		
31/186 15-2-94 ...		„ spiral, triple coil nest, for frames of coaching bogie trucks.	0	6	6	„		
36/218 17-7-94 ...		Buffer, spiral, for coaching buffers	0	6	0	„		
38/16 4-9-94 ...		„ spiral	0	6	7½	„	Eastern Bengal.	
		„ „	0	3	0	„	Kaunia-Dharlla.	
36/218 17-7-94 ...		„ „ conical, Timmis, unequal or alternative section	0	6	6½	„	Burma.	
		Buffer, recoil	0	2	1½	„	Eastern Bengal.	
31/186 15-2-94 ...		„ volute, for goods buffers	0	4	10½	„	Mu Valley.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*contd.*

METRE AND NARROW GAUGES.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/218 17-7-94 ...	Springs—*concld.*	Buffer volute, for cylindrical wagons	0	3	2	Each.	Eastern Bengal.	
33/291 21-2-94 ...		Spiral, for side bearing bogie wagons	0	3	6	,,	Burma.	
33/403 23-4-94 ...		,, ,, ,, ,, ...	0	4	3	,,		
36/218 17-7-94 ...		Volute, for draw hooks	0	4	5¼	,,	Eastern Bengal.	
36/156 12-7-94 ...	Underframe, ironwork, spare parts of—	Axle guards, for bogie trucks	0	7	9	,,	Burma.	
		Buffing and draw gear combined, spare parts of—						
31/102 7-2-94 ...		Buffer hooks, for Jone's wagon type buffers	0	8	1½	,,	Eastern Bengal.	
39/4 1-10-94 ...		Buffers, with sockets and springs complete	0	8	11	,,	Jorhat.	
36/156 12-7-94 ...		Head stocks, bogie 4′ 8½″ × 6″ × 2½″ (channel steel) ...	0	7	2	,,	Burma.	
		Middle or safety bars, bogie, curved, T steel ...	0	7	11	,,		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (2) IRONWORK—*concld.*

METRE AND NARROW GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/156 12-7-94 ...	Underframe, ironwork, spare parts of —*concld.*	Sole bars, bogie, 8′·2″ × 6″ × 2½″ curved (channel steel)...	1	0	8	Each.	Burma.	
		Sole bars, channel steel, 39′ 7″ × 7⅛″ × 3½″ for bogie coaching stock	2	7	1	,,		
		Transom bars (channel steel) 4′ 5½″ × 5″ × 2¾″ ...	0	4	9	,,		
31/104 7-2-94 ...	Wheels and axles ...	Complete, for Fowlers 2′ gauge bogie wagons ...	1	17	0	Pair.	Jorhat.	
31/323 22-2-94 ...		,, 2′ 4″ diameter on tread, with journals 7″ × ¾″ ...	7	9	0	,,	Burma.	
37/274 22-8-94 ...		,, ,, ,, ,, ,, ...	4	2	6	,,	Kaunia-Dharlla 2′·6″ gauge.	
39/4 1-10-94 ...		,, ,, ,, ,, ,, ...	2	0	0	,,	Jorhat.	

CLASS E.

ROLLING STOCK.

(*b*).—COACHING AND GOODS STOCK.

(3).—Vacuum Automatic Brake gear and rigging.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (3) VACUUM AUTOMATIC BRAKE GEAR AND RIGGING.

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
40/315 — 28-11-94	Brake gear, complete	Vacuum, automatic, complete, in every respect with spare pipes, &c., &c., to suit 24 feet steel underframes for first and second class carriages, as per details in appendices C and D.	30	16	2	Set.	Oudh and Rohilkhand.	
		Vacuum, automatic, complete in every respect with spare pipes, &c., &c., to suit 26 feet steel underframes for intermediate and 3rd class carriages, as per detail in appendices C and D.	30	12	11	Set.		
	Couplings ...	*Brake gear, automatic, vacuum—Spare parts of—*						
37/180 — 15-8-94 ...		Universal, cast iron, 2″	0	4	0	Each	North Western.	
36/153 — 12-7-94 ...		Ball, cast iron, 1″	0	10	6	„	Eastern Bengal.	
		Spare, for hose pipe, 27″ × 2″	0	8	0	„		
36/153 — 12-7-94 ...	Cover or sleeve ...	Canvas, for packing rings	0	1	0	Each	North Western.	
36/153 — 12-7-94 ...	Cylinders ...	For engines and tenders, without chamber, complete, with ball valve (A) piston and rod, &c., cast iron, brass fittings.	13	10	0	Each	North Western.	
		For carriages and wagons, with chamber, complete, with ball valve, piston and rod, &c., cast-iron, with wrought-iron chamber and brass fittings.	12	5	0	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (3) VACUUM AUTOMATIC BRAKE GEAR AND RIGGING—*contd.*

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Brake gear, automatic, vacuum—Spare parts of—concld.						
37/180 15-8-94 ...	Diaphragms ...	India rubber for ball valve	0	1	0	Each	North Western.	
36/153 12-7-94 ...		„ for guards van valve	0	1	6	„		
		„ for inside cylinder	0	0	2	„	Eastern Bengal.	
36/153 12-7-94 ...	Drip trap ...	Brass ball for—	0	1	0	Each	North Western.	
		Complete (cast-iron with brass valve and seat) ...	0	11	6	„		
36/153 12-7-94 ...	Ejectors, combination	Brass, complete	19	0	0	Each	North Western.	
		Suitable for—						
40/314 28-11-94	Fittings, in connection with vacuum brake, for communication in trains between passengers, guards and drivers.	Saloon, first class, intermediate class, and third class carriages, one compartment each.	3	10	0	Set	Eastern Bengal.	
		Composite (first and second class), first class, second class, intermediate and third class carriages, two compartments each.	4	5	0	„		
		Intermediate class and postal-van, three compartments each	5	0	0	„		

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Suitable for—						
40/314 28-11-94	Fittings, in connection with vacuum brake, for communication in trains between passengers, guards and drivers—*concld.*	Composite carriage, (first and second class) four compartments.	5	15	0	Set	Eastern Bengal.	
		Lieutenant-Governor's saloon, Manager's saloon, Reserved or officers' saloon, Intermediate class carriage, Third class carriage and Postal-van full, one compartment each.	3	10	0	„		
		First class, six wheeled composite, four and six wheeled second class carriages, postal van half, intermediate class and third class carriages, 2 compartments each.	4	5	0	„	Eastern Bengal.	
		Spare fittings for carriage of 2 compartments ...	4	5	0	„		
37/180 15-8-94 ...	Pipes.	Hose 2″ × 27″	0	10	6	Each	North Western.	
		2″ × 18″	0	8	6	„		
		1″ × 18″	0	6	6	„		
		¾″ × 36″	0	8	0	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (3) VACUUM AUTOMATIC BRAKE GEAR AND RIGGING—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on Board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/153 12-7-94	Pipes—*concld.*	Hose ¾″ × 24″	0	6	0	Each	North Western.	
		½″ × 18″	0	5	6	,,		
		Without coupling 27″ × 2″	0	10	6	,,		
		Train 28′ × 1″	1	8	0	,,	Eastern Bengal.	
		,, 21′ × 10″	1	2	0	,,		
37/180 15-8-94	Rings	Joint or rubber, 18″	0	0	9	Each	North Western.	
		,, ,, 21″	0	0	9	,,		
		Packing for piston rod	0	1	3	,,		
36/153 12-7-94		Rolling rubber for cylinders 18″	0	5	6	,,		
		,, ,, ,, 21″	0	6	0	,,		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (3) VACUUM AUTOMATIC BRAKE GEAR AND RIGGING—*contd.*

5′ 6″ Gauge.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on Board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/153 12-7-94	Rubber	*Brake gear automatic vacuum, spare parts of—* Single, for guards van valve, diaphragms seating	0	0	9	Each	Eastern Bengal.	
36/153 12-7-94	Seatings	For guards van valve, rubber	0	0	9	Each.	North Western.	
37/180 15-8-94		For clappet valves, rubber.	0	0	5	,,		
36/153 12-7-94	Sockets	T, with cast iron syphon for connecting train pipe with cylinders.	0	17	0	Each	Eastern Bengal.	
		T for brake van train pipe	0	1	6	,,		
		Elbow train pipe, for brake van	0	1	6	,,		
36/153 12-7-94	Springs	Grover	0	0	8	Each	Eastern Bengal.	
		Spiral, for brake blocks	0	0	4	,,		
37/180 15-8-94		Steel for ball valves.	0	0	1	,,	North Western.	

5′ 6″ GAUGE.

Contracted for in 1894.

Contract number and date	Articles.	Details.	Rate—Free on Board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Brake gear automatic vacuum—spare parts of—						
36/153 12-7-94 ...	Syphons ...	Brass	0	15	6	Each	North Western.	
		T „	0	14	0	„		
36/153 12-7-94 ...	Valves ...	Ball, brass, double branched, without diaphragm (A) ...	2	2	0	Each	North Western.	
		„ „ „ ...(B) ...	2	2	0	„		
		„ single branched with diaphragm, ...	2	2	0	„		
		For guards van (cast iron chamber, brass body valve, &c.)	3	10	0	„		
		Joint insertion, for ball valve	0	0	6	„		
36/153 12-7-94...	Vacuum gauges.	Brass, single	1	10	0	Each	North Western.	
		„ duplex	2	10	0	„		
37/180 15-8-94 ...	Washers ...	India rubber for couplings 2″	0	0	6	Each	North Western.	
36/153 12-7-94 ...		„ „ „ 1″	0	0	5	„		

CLASS E.

ROLLING STOCK.

(*b*)—COACHING AND GOODS STOCK.

(4).—Metallic and other Fittings.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK, (4).—METALLIC AND OTHER FITTINGS.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
31/39 2-2-94 ...	Basins ...	Washing, porcelain, with monogram, fitted with pipe, plugs and chains, complete.	2	7	6	Each	Eastern Bengal.	
39/34 2-10-94 ...		Washing, best, white, china	0	12	3	„	Burma.	
39/223 19-10-94	Blinds, spring ...	Of sizes, Nisbet and McLarens' patent adjustable :— Special ventilating material :— 2′ 3″ wide right winding ... ... 2′ 3″ „ left „ ... ... 2′ 1″ „ right „ ... ... 2′ 0″ „ right „ ... ... 2′ 0″ „ left „ ... ... Best horse hair cloth of dark green hue :— 2′ 3″ „ right „ ... ... 2′ 3″ „ left „ ... ... 2′ 1″ „ right „ ... ... 2′ 0″ „ right „ ... ... 2′ 0″ „ left „	1	0	0	Each	Burma.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK, (4).—METALLIC AND OTHER FITTINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/197 17-7-94 ...	Bolds ...	Gunmetal, 4" for bathroom doors, with sockets, complete	0	1	0½	Each	Eastern Bengal.	
37/2 1-8-94 ...		Shoot, gunmetal for door shoot 4"	0	1	3	„	North Western.	
36/197 17-7-94 ...	Cocks ...	Gunmetal, for third and intermediate class carriage commodes.	0	5	6	Each	Eastern Bengal.	
	Commodes ...	Iron, enamelled, with lids, complete	3	2	6	Each		
32/19 1-3-94 ...	Escutcheons ...	Brass for door locks	0	0	2¾	Each	Burma.	
36/197 17-7-94 ...		Gunmetal, for private door locks	0	0	2¾	„	Eastern Bengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK, (4).—METALLIC AND OTHER FITTINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
38/368 26-9-94 ...	Gauge ...	Brass wire, 3 feet wide, 32 mesh, No. 31 S. W. G. wire ...	0	0	5¼	Square feet	Eastern Bengal.	
40/284 27-11-94 ...		Copper wire, 3 feet wide, 34 meshes per lineal inch, 34 S. W. G. wire.	0	1	1	Lineal feet	Lucknow-Rai Bareli.	
		Galvanized iron wire, 3 feet wide, 12 meshes per lineal inch, No. 22 S. W. G. wire.	0	0	11	Lineal feet		
30/308 26-1-94 ...	Glasses, looking ...	Glass plate, silvered for— 15" × 18" × ¼"	0	2	0	Each	Eastern Bengal.	
36/140 12-7-94 ...	Glass ..	Plate, British, polished, 3/16" thick— Clear 18" × 14"	0	1	9	Each	Eastern Bengal.	
30/379 31-1-94 ...		„ 19" × 14½"	0	2	4	„		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK, (4).—METALLIC AND OTHE FITTINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Plate, British, polished $\frac{3}{16}$″ thick—*contd.*						
26/140 12-7-94 ...		Clear, 21½″ × 19″	0	2	11	Each	Eastern Bengal.	
41/69 11-12-94 ...		,, 22″ × 13″	0	1	2	,,	Lucknow-Rai Bareli.	
		,, 22″ × 14″	0	1	2½	,,		
36/140 12-7-94 ...	Glass—*contd.* ...	,, 22″ × 15″	0	2	3½	,,	Eastern Bengal.	
36/351 31-7-94 ...		,, 22″ × 18″	0	2	9	,,	North-Western.	
36/140 13-7-94 ...		,, 22″ × 20″	0	3	0	,,	Eastern Bengal.	
36/351 31-7-94 ...		,, 24″ × 20″	0	3	4	,,	North-Western.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK, (4).—METALLIC AND OTHER FITTINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Plate, British, polished, $\frac{3}{16}$″ thick—*concld.*						
32/433 24-3-94 ...		Ground 13¼″ × 11⅜″	0	0	11¼	Each	Burma.	
30/379 31-1-94 ...		,, 20″ × 17½″	0	2	9	,,	Eastern Bengal.	
		,, 20″ × 12″	0	1	5½	,,		
		,, 22″ × 13½″	0	1	2½	,,	Lucknow-Rae Bareli.	
41/69 11-12-94 ...		,, 22″ × 18½″	0	4	11	,,	Eastern Bengal ...	With monogram double or shaded emboseed.
36/140 12-7-94 ...		,, 22″ × 19½″	0	1	3	,,	Lucknow-Rae Bareli.	
41/69 11-12-94 ...	Glass—*concld.* ...	Nautral tint, 20″ × 17″	0	7	1	,,		
41/68 11-12-94 ...		,, 20″ × 20″	0	8	4	,,	East Coast.	
34/124 16-5-94 ...		,, 22″ × 14″	0	6	5	,,	Eastern Bengal.	
		,, 22″ × 17″	0	7	9½	,,	East Coast.	
41/6 11-12-94 ...		,, 22″ × 19½″	0	9	2	,,	Lucknow-Rae Bareli.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK, (4).—METALLIC AND OTHER FITTINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/419, 30-4-94	Gauze wire	Copper, 3 feet wide, 34 mesh per lineal inch, 33 S. W. G. wire.	0	1	1	Lineal feet	East Coast.	
		Iron, galvanized, 3 feet wide, 12 meshes per lineal inch, 22 S. W. G. wire.	0	0	11	,,	East Coast.	
31/190, 15-2-94	Handles	Gunmetal, carriage door, with locks and plates right-hand side.	0	2	9	Each	Eastern Bengal.	
38/259, 18-9-94	Handles	Gunmetal, door, with locks and plates, and nuts and washers, complete, I. S. R. pattern for 3rd class carriages.	0	2	9	,,	Oudh and Rohilkhand.	
37/2, 1-8-94	Handles	Door, gunmetal, with locks and plates, complete, with washers, nuts and caps for nuts.	0	2	9	,,	North-Western.	
36/197, 17-7-94	Hinges	Gunmetal, butt, for bathroom doors, 2½″ × 1″	0	0	4½	Each	Eastern Bengal.	
		,, 3½″ × 2¾″, for side doors	0	1	8	,,	Eastern Bengal.	
		,, 3″ × 1¼″ for sun shades	0	0	6½	,,	Eastern Bengal.	
38/259, 18-9-94	Hinges	,, 3½″ × 2″, closed, ¼″ thick throughout, for carriage door.	0	1	0½	,,	Oudh and Rohilkhand.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (4)—METALLIC AND OTHER FITTINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
31/190, 15-2-94	Hooks	Wrought iron, venetian	0	4	6	Per 100	Eastern Bengal.	
32/19, 1-3-94	Lifts	Brass, for venetians—						
		Bottom	0	0	4	Each	Burma.	
		Top	0	0	3	,,	Burma.	
		Iron, mortice, for carriage door—						
32/19, 1-3-94		4½″	0	0	6	Each	Burma.	
33/291, 21-4-94		3¾″	0	0	4	,,	Burma.	
36/197, 17-7-94	Locks	Iron, private, with plates and escutchons	0	0	4	,,	Eastern Bengal.	
38/259, 18-9-94		Iron, private, with plates, 2½″ × 1″ for carriage doors	0	0	5½	,,	Oudh and Rohilkhand.	
39/93, 9-10-94		Iron, carriage, for side doors, with malleable cast iron cases, ring striking plates with outside handles, Wethered's patent.	0	5	6	,,	Burma.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (4)—METALLIC AND OTHER FITTINGS—*concld.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
37/2 1-8-94 ...	Pots, commode ...	Iron, enamelled, with shoot, wrought iron rings rivetted at top and bottom and angle iron at centre ...	1	16	0	Each	North-Western.	
38/259 18-9-94 ...	Rings ...	Lamp, gunmetal, for 8″ lamps	0	1	8½	Each	Oudh and Rohilkhand.	
36/197 17-7-94 ...	Screws	Coach, with brass hexagonal heads, for accommodation handle, 2½″ × ½″	0	0	1½	Each	Eastern Bengal.	
31/190 15-2-94 ...	Tanks	Wrought iron, galvanized, for carriage roof	4	12	6	Each	Eastern Bengal.	

CLASS E.

ROLLING STOCK.

(*b*)—COACHING AND GOODS STOCK.

(5).—India-rubber Fittings.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (5)—INDIA RUBBER-FITTINGS.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		India-rubber, Spencer and Attock's patent—						
31/40 2-2-94 ...	Blocks ...	7″ × 3″ × 1″, with $\frac{5}{16}$″ hole at centre ...	0	2	6	Each	Eastern Bengal.	
33/97 10-4-94 ...		7″ × 3″ × 1″, with $\frac{3}{16}$″ hole at centre ...	0	2	6	,,	East Coast.	
37/10 2-8-94 ...		5″ × 3″ × 1″ vulcanized, for carriage bodies ...	0	1	7	,,	North Western.	
30/182 16-1-94 ...		5″ × 2½″ × 1″	0	1	6½	,,	Mu Valley.	
		5″ × 2½″ × $\frac{13}{16}$″ to 1″	0	1	8	,,		
		5″ × 2½″ × $\frac{13}{16}$″	0	1	9½	,,		
31/40 2-2-94 ...	Cushions ...	India-rubber for window sashes	2	3	9	Per 100	Eastern Bengal.	
31/292 21-2-94 ...		,, ,, ,, ...	1	0	0	,,	Burma.	
31/296 21-2-94 ...		,, ,, ,, ...	1	17	6	,,	Eastern Bengal.	
33/97 10-4-94 ...		,, ,, ,, ...	2	5	10	,,		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (5)—INDIA-RUBBER FITTINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/250 19-7-94 ...	Cushions—*concld.*...	India-rubber for window cushions	1	11	3	Per 100	North Western.	
		" " "	1	16	1½	"	Eastern Bengal.	
		" " "	1	1	6½	"	Burma.	
37/226 17-8-94 ...		" " "	1	11	3	"	North Western.	
39/37 2-10-94 ...		" " "	0	19	0	"	Burma.	
30/182 16-1-94 ...	Rings ...	India-rubber for casings of coaching buffers ...	0	13	6	Each	Mu Valley.	
37/10 2-8-94		India-rubber for V. B. hose pipe couplings, 3¾" outside diameter, 2¼" hole, $\frac{3}{16}$" thick.	0	0	2⅛	"	North Western.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (5)—INDIA-RUBBER FITTINGS—*concld.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/97 10-4-94 ...	Springs ...	India-rubber for window sashes to prevent rattling ...	1	5	0	Per 100	Eastern Bengal.	
36/250 19-7-94 ...		" " " " " ...	0	10	5	"		
36/250 19-7-94 ...	Sash pads ...	For window sashes	1	2	2⅜	Per 100	North Western.	
37/226 17-8-94 ...		" "	1	2	2⅜	"		
31/296 21-2-94 ...	Washers ...	India-rubber for Rendel's patent, screw buffer ...	0	1	9	Each	Eastern Bengal.	

CLASS E.

ROLLING STOCK.

(*b*)—COACHING AND GOODS STOCK.

(6)—Trimmings.

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6)—TRIMMINGS.

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
33/412 28-4-94 ...	Buttons ...	Leather, enamelled, maroon colour, in 1 gross packets ...	0	2	0	Gross	East Coast.	
40/283 27-11-94 ...		„ „ „ „ „ „ ...	0	2	6	„	Lucknow-Rae Bareli.	
36/295 25-7-94 ...	Carriage seats ...	Railway, patent spring wire 6′ 8″ long × 24″ wide ...	1	11	0	Each	North Western.	
33/374 27-4-94 ...	Cloth ...	Baize, green, 3 feet wide, for lamp shades	0	2	6	Yard	East Coast.	
38/230 18-9-94 ...		„ „ 35″ „ „ „	0	3	5	„	Eastern Bengal.	
40/281 27-11-94 ...		„ „ 3 feet „ „ „	0	1	11	„	Lucknow-Rae Bareli.	
34/5 2-5-94 ...		Canvas, common, No. 1, 36″ wide, plain, without stripes ...	2	13	11	Bolt	Burma.	
39/143 13-10-94...		„ „ „ „ „ „ ...	2	15	3	„		
		„ duck, 54″ wide ...	0	0	8½	Yard		

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6)—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
38/201 14-9-94 ...	Cloth—*contd.* ...	Canvas duck 54" wide	0	0	8½	Yard	Eastern Bengal.	
40/202 21-11-94 ...		„ „ 54" „	0	0	2⅔	„	Lucknow-Rae Bareli.	
33/376 27-4-94 ...		„ „ 54" „	0	0	8	„	East Coast.	
		„ hampen, 36" wide	0	0	8½	„		
38/201 14-9-94 ...		„ „ „ „	0	0	9½	„	Eastern Bengal.	
		„ prepared for roofing—						
37/162 10-8-94 ...		10′ 6" × 7′ 0" wide	0	2	2	Sq. yard.	Kaunia-Dharlla.	
		23′ 0" × 8′ 0" „	0	2	2	„		
33/383 28-4-94 ...		20′ 0" × 10′ 0" „	2	5	9	Piece	East Coast.	
38/162 13-9-94 ...		21′ 10" × 7′ 10" wide	1	18	0	„	Jorhat.	
41/26 5-12-94 ...		21′ 6" × 10′ 0" „	2	14	0	„	Lucknow-Rae Bareli.	
33/383 28-4-94 ...		25′ 0" × 10′ 0" „	2	17	3	„	East Coast.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6)—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Canvas, prepared for roofing—*contd.*						
41/26 5-12-94	Cloth—*contd* ...	25′ 0" × 10′ 0" wide	3	3	0	Piece	Lucknow-Rae Bareli.	
		26′ 0" × 10′ 0" „	3	5	3	„		
33/383 28-4-94 ...		28′ 6" × 10′ 0" „	3	5	6	„	East Coast.	
37/162 10-8-94 ...		28′ 0" × 9′ 6" „	3	4	0½	„	North Western.	
41/26 5-12-94 ...		28′ 6" × 10′ 0" „	3	12	0	„	Lucknow-Rae Bareli.	
33/383 28-4-94 ...		29′ 6" × 10′ 0" „	3	9	0	„	East Coast.	
30/275 24-1-94		29′ 0" × 10′ 0" „	3	6	6	„	Eastern Bengal.	
		29′ 0" × 10′ 6" „	3	10	0	„		
41/26 5-12-94 ...		30′ 0" × 10′ 0" „	3	16	6	„	Lucknow-Rae Bareli.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6)—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
		Canvas, prepared for roofing—*concld.*						
36/219 17-7-94		60′ 0″ × 10′ 6″ wide	7	0	0	Piece	Eastern Bengal.	
		60′ 0″ × 11′ 6″ „	7	13	4	„		
		Floor, 3′ 0″ wide 66⅔′ long	0	3	6	Sq. yard		
31/192 15-2-94		„ 6′ 6″ „ 20′ „	0	3	6	„		
		„ 6′ 9″ „ 24 yards long	0	3	6	„	Eastern Bengal.	
	Cloth—*contd.* ...	„ 8′ 6″ „ 54′ long	0	3	6	„		
36/195 16-7-94 ...		„ 8′ 6″ „ 20 yards long	0	3	5	„		
33/390 28-4-94 ...		„ 9′ 0″ „ 20 yards „	0	2	6	„	East Coast.	
41/8 4-12-94 ...		„ 9′ 0″ „ 20 yards „	0	2	3	„	Lucknow-Rae Bareli.	
38/376 26-9-94 ...		„ 6′ 6″ „ 6′ long	0	5	9½	„	Jorhat.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6)—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
36/261 20-7-94		Leather (vulcan), green, No. 87, about 36″ wide ...	0	5	6	Yard	North Western ...	In rolls of 50 yards.
		„ „ maroon, No. 99 „ ...						
38/341 20-9-94 ...		Leather, artificial grain, goat skin, colour medium maroon, width about 1 yard, cloth backing tan coloured in one roll.	0	5	6	„	Burma.	
38/342 20-9-94 ...		Leather, artificial grain, goat skin, colour medium maroon, width about 1 yard, cloth backing tan coloured in one roll.	0	3	5	„		
33/376 27-4-94 ...	Cloth—*concld.* ...	Linen, black, 30″ wide	0	0	4½	„	East Coast.	
40/303 28-11-94 ...		„ „ 32″ „	0	0	5¼	„	Lucknow-Rae Bareli.	
30/212 18-1-94 ...		Rep, brown, 52″ wide	0	2	4½	„	Eastern Bengal.	
41/90 12 12-94 ...		„ figured, 54″ wide	0	2	7	„	Burma.	
36/314 26-7-94 ...		Rib, French, olive green, for carriage cushions ...	0	2	3	„	North Western.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6)—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
40/193 20-11-94 ...	Cord ...	Seaming ¼" diameter in one lb. balls	0	0	7	lb.	Kaunia-Dharlla.	
41/203 21-12-94 ...		„ log line „ „	0	0	6½	„	Lucknow-Rae Bareli.	
37/8 1-8-94 ...	Hair ...	Horse, curled, in bags of 1 cwt. each	0	1	6	lb.	North Western.	
38/135 8-9-94 ...		„ „ „ 1½ „	0	1	6	„	Kaunia-Dharlla.	
30/191 17-1-94 ...	Hides ...	Buffalo, enamelled, maroon colour, for carriage cushions ...	0	1	0½	Sq. foot	Eastern Bengal.	
33/108 13-4-94 ...		Horse, white, to average 18 lbs. per hide	1	4	6	Each	East Coast.	
34/125 16-5-94 ...	Lincrusta Walton ...	Ceiling cloth, for lining railway carriage roofs, in pieces of 36′ 0″ × 1′ 7½″.	1	1	0	Piece.	Eastern Bengal.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6).—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
30/211 18-1-94 ...	Lace, binding ...	For brown rep cloth	0	1	1	Yard.	Eastern Bengal.	
33/225 17-4-94...	Nails	Clout ¾" long	0	0	6	lb.	East Coast.	
		„ ⅝" „	0	0	7	„		
40/319 30-11-94 ...		„ ½" „ wrought-iron	3	4	0	Cwt.	Lucknow-Rae Bareilly.	
30/276 24-1-94 ...	Netting	Silk, green, 14" wide, 1" mesh, in lengths of 100 and 50 feet.	0	1	11	Yard.	Eastern Bengal.	
33/285 20-4-94 ...		Maroon silk cord, 12" wide, with 1" mesh, in lengths of 50 yards each.	0	1	6½	„	East Coast.	
35/391 30-6-94 ...		Silk, for hat rack, maroon colour, 10" wide, 1" mesh, in lengths of 50 yards each.	0	1	2½	„	Eastern Bengal.	
36/225 18-7-94 ...		Silk cord, green, 10" wide, 1" mesh, in lengths of 50 yards each.	0	1	2½	„	North-Western.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6).—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
38/56 7-9-94 ...	Netting—*concld* ...	Silk cord, maroon, 12″ wide, 1″ mesh	0	2	0	Yard.	Eastern Bengal.	
40/283 27-11-94 ..		Silk cord, green, 12″ „ 1″ „	0	1	4	„	Lucknow-Rae Bareilly.	
37/80 8-8-94 ...	Seats	Galvanized steel wire, Wood's patent, 6′ 10½″ long × 2 feet wide.	1	11	8	Each.	Burma.	
40/200 20-11-94 ...	Skins	Buffalo, enamelled, maroon. To average 52 square feet each, hand buffed, lion brand, French finished.	0	1	0¼	Sq. ft.	Lucknow-Rae Bareilly.	
33/18 3-4-94 ...	Springs	Spiral for bogie bolster, length of spring 4¾″, diameter outside 3¾″ (but may be not less than 3½″ if absolutely necessary) internal diameter not less than 1 5/16″, minimum range 1¼″, flexibility 3 tons per inch, compression or total load of 4½ tons for 1¼″ range.	0	5	3	Each.	Burma.	
33/372 27-4-94 ...		Spiral for seats, No. 7 S. W. G. wire, coppered ...	0	1	1	Doz.	East Coast.	
39/66 6-10-94 ...		Spiral for cushions, 6″ high, 4¾″ diameter at ends, 2¾″ diameter at centre, wire 5/32″ diameter, coppered.	0	1	0	„	Kaunia-Dharlla.	

CLASS OF STORES E.—ROLLING STOCK, SUB-HEAD (*b*)—COACHING AND GOODS STOCK; (6).—TRIMMINGS—*contd.*

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
40/300 27-11-94 ...	Straps	Leather, window, neatly covered with maroon coloured leather and sewn, 2′ 8″ long, with two brass eyelets.	0	4	0	Each.	Lucknow-Rae Bareilly.	
33/384 28-4-94 ...		Leather for bath room windows neatly covered with hard grained maroon coloured morocco leather, sewn.	0	2	1	„	East Coast.	
40/300 27-11-94...		Leather for bath room windows, neatly covered with maroon coloured leather and sewn 2′ 3″ long.	0	2	6	„	Lucknow-Rae Bareilly.	
		Leather for top windows neatly covered with maroon coloured leather, sewn, 10″ long.	0	1	3	„		
		Lifts, leather, for bath room windows neatly covered with maroon coloured leather sewn all round, 4½″ long.	0	1	2	„		
40/345 30-11-94 ...		Leather, middlings, best finished, uncoloured, ¼″ thick for windows. To average 14 lbs. each, carried and shoved throughout.	1	4	6	„	Burma.	
40/319 30-11-94 ...	Tacks	Flemish, fine, wrought, tinned—						
		½″ long	7	1	0	Cwt.	Lucknow-Rae Bareilly.	
		¼″ „	4	8	0	„		

Contracted for in 1894.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount. £	s.	d.	Unit.	For what railway.	Remarks.
39/35 2-10-94 ...	Thread	Flax, sewing, fine, in 2 oz. balls and 3 lbs. papers ...	0	1	4	lb.	Burma.	
30/309 26-1-94 ...		Linen, machine, whited brown, No. 40	0	5	0	Doz. reels.	Eastern Bengal.	
33/170 13-4-94 ...		„ „ black No. 50	0	5	6	„	East Coast.	
38/252 17-9-94 ...		„ hand sewing, black No. 35, in bundles of 32 skeins	0	2	5	Bundle.	Kaunia-Dharlla.	
40/204 21-11-94 ...		„ Sewing machine, black No. 50	0	0	4½	Reel.	Lucknow-Rae Bareilly.	
40/193 20-11-94 ...	Twine	English, in ½ lb. balls and 3 lb. papers	0	1	8	lb.	Kaunia-Dharlla.	
41/59 8-12-94 ...		„ „ „	0	1	0	„	Lucknow-Rae Bareilly.	

Appendix A.

Detailed price list of Vacuum Automatic brake fittings for H. B. class engines and tenders.

	Each engine will consist of—	£	s.	d.
1	40 m/m combination ejector with relief valve, R. H. inside ...	19	0	0
1	Scaling for ditto ditto ...	0	8	0
1	Release valve for ditto Pos. B. (included in ejector)	...		
1	1¼" stop valve	3	3	0
1	Scaling for valve	1	1	0
1	Duplex vacuum gauge	2	10	0
1	Drip trap and valve	0	11	6
1	Syphon	0	14	0
1	21" cylinder, ball valve, Pos. B.	13	10	0
1	Transit screw	0	1	6
1	Dummy and carrier	0	6	6
1	Copper exhaust pipe through boiler	2	10	0
1	Copper steam pipe to ejector	0	18	6
1	Copper drip pipe	0	5	6
2	Copper vacuum gauge pipes	0	10	0
1	Copper vacuum gauge pipe, nipple, and union nut	0	2	0
½	Pair, 2" × 27" hose and "C" couplings	0	16	0
1	Do., 2" × 18" ditto ditto	1	6	0
1	Do., 1" × 18" ditto ball couplings	1	14	0
2	¼" × 18" cylinder hose pipes, each ¾" one end... ...	0	12	0
1	Cast iron bend	0	4	0
3	2" hose clips	0	3	0
2	1" ditto	0	1	6
2	¾" ditto	0	1	6
2	½" ditto	0	1	6
3	2" elbows	0	6	0
2	2" tees	0	4	0
45'	2" pipe, made up into set	3	0	0
1	¾" elbow	0	1	0
1	¾" × ¾" and 1" tee ¾"/¾"×1"	0	2	0
15'	¾" pipe, made up into set	0	15	0
3'	1" ditto	0	5	0
1	2" upturned exhaust bend in smoke-box	0	10	0
12'	1¼" internal steam pipe, made up into set	0	14	0
1	1¼" elbow	0	2	0
2	1¼" black nuts	0	2	0
1	2" × 2" × ½" tee. Train pipe to vacuum gauge 2"/½"×2"	0	2	0
	Engine ...	56	14	0
	Carried over ...	56	14	0

Appendix A—*concld.*

Detailed price list of Vaccuum Automatic brake fittings for H. B. class engines and tenders—concld.

Each tender set will consist of— *25 sets required.*	£	*s.*	*d.*
Brought forward ...	56	14	0
1 21″ cylinder, ball valve, Pos. A	13	10	0
1 Transit screw for ditto	0	1	6
1 Dummy without carrier	0	4	0
1 Syphon	0	14	0
½ Pair, 2″ × 27″ hose and "C" couplings	0	16	0
2 ½″ × 18″ cylinder hose pipes, each ¾″ one end	0	12	0
1 Cast iron bend	0	4	0
1 2″ hose clip	0	1	0
20′ 2″ pipe, made into a set	1	5	0
2 Vacuum chambers, 12″ × 4′ 6″	10	0	0
6′ ¾″ pipe, made into a set	0	6	0
4′ 1″ ditto ditto	0	4	8
1 ¾″ elbow	0	1	0
1 ¾″ × ¾″ × 1″ tee 1″ ┬ ¾″	0	2	0
1 ¾″ tee	0	1	6
2 ¾″ hose clips	0	1	6
2 ½″ ditto	0	1	6
1 Dummy carrier	0	5	0
Total ...	28	10	8
	Per set.		
Engine and Tender, Net total ...	85	4	8

Appendix B.

INDIAN STATE RAILWAYS.

Oudh and Rohilkhand Railway.

Detailed list of Vacuum Automatic brake parts.

One Engine and Tender.	£.		
1 40 m/m brass combination ejector with relief valves, release valve, and lubricating cock attached	19	0	0
1 Brass seating for ditto ditto ditto ditto ...	0	8	0
1 1¼″ screw stop valve	3	3	0
1 Brass seating for valve	1	1	0
1 Duplex vacuum gauge	2	10	0
1 Drip trap and valve	0	11	6
1 Brass syphon casting	0	14	0
1 21″ cylinder with ball valve attached	13	10	0
1 2″ coupling "dummy"	0	4	0
1 Transit screw for cylinder	0	1	6
½ Pair, 2″ × 27″ hose and "C" couplings for engine	0	16	0
1 Do., 2″ × 18″ ditto ditto between engine and tender	1	6	0
1 Do., 1″ × 18″ hose, and ball couplings ditto ditto	1	14	0
2 ½″ × 18″ hose pipes for engine cylinders ¾″ one end	0	12	0
1 Copper exhaust pipe through boiler barrel	2	10	0
1 Do. steam do. to ejector	0	10	6
1 Do. drip do. from do.	0	5	6
2 Do. pipes to Duplex vacuum gauge, 5*s.* each	0	10	0
1 2″ cast iron bend	0	4	0
3 2″ hose pipe clips for engine, 1*s.* each	0	3	0
1 1″ ditto ditto ditto	0	0	9
2 ¾″ ditto ditto, 9*d.* each	0	1	6
2 ½″ ditto ditto, 9*d.* do.	0	1	6
8 2″ elbows, 2*s.* each	0	16	0
2 2″ tees, 2*s.* each	0	4	0
12′ (about) 1¼″ pipe, made up into complete set	0	12	0
2 1¼″ elbows, 1*s.* 6*d.* each	0	3	0
4 2″ sockets, 6*d.* each	0	2	0
4 2″ back nuts, 6*d.* each	0	2	0
1 Tee with branch union to vacuum gauge	0	10	0
40′ (about) 2″ pipe, made up into complete set	2	10	0
3 ¾″ elbows for engines, 1*s.* each	0	3	0
15′ (about) ¾″ pipe, made up into complete set	0	15	0
1′ (do.) 1″ do. in set	0	1	0
1 ¾″ × ¾″ × 1″ tee	0	2	0
1 2″ upturned bend in smoke-box	0	10	0
Carried over ...	56	7	9

Appendix B—*concld.*

INDIAN STATE RAILWAYS—*concld.*

OUDH AND ROHILKHAND RAILWAY—*concld.*

Detailed list of Vacuum Automatic brake parts—concld.

One Engine and Tender—concld.	£	s.	d.
Brought forward ...	56	7	9
1 21″ cylinder with ball valve attached	13	10	0
1 Transit screw for ditto	0	1	6
1 Brass syphon casting	0	14	0
1 2″ coupling "dummy"	0	4	0
½ pair, 2″ × 27″ hose and "C" couplings for tender	0	16	0
2 ½″ × 18″ hose pipes for tender cylinders ¾″ one end	0	12	0
1 2″ cast iron bend	0	4	0
1 2″ hose pipe clip	0	1	0
20′ (about) 2″ pipe, made up into complete set	1	5	0
1 Vacuum chamber 4′ 0″ × 20″ diameter	5	0	0
15′ (about) ¾″ pipe, made up into complete set	0	15	0
3 ¾″ elbows, 1*s.* each	0	3	0
1 Tee piece ¾″ × ¾″ × 1″	0	2	0
1 1″ pipe bend	0	1	6
1 1″ hose pipe clip and 2 ½″ hose pipe clips, 9*d.* each	0	2	0
2 ½″ ditto, 9*d.* each	0	1	6
TOTAL ...	80	0	3

Appendix C.

INDIAN STATE RAILWAYS.

OUDH AND ROHILKHAND RAILWAY.

Detailed list of Vacuum Automatic brake parts.

One 4-wheeled carriage.	£	s.	d.
1 18″ combined "C" cylinder with vacuum chamber and ball valve attached complete ...	12	5	0
1 Transit screw for ditto ditto ditto ditto ...	0	1	6
2 2″ couplings dummies, 4*s.* each	0	8	0
1 Syphon casting for tee piece	0	15	6
1 Pair 2″ × 27″ hose and "C" couplings	1	12	0
1 ¾″ × 24″ cylinder hose pipe	0	6	0
2 2″ cast iron bends, 4*s.* each	0	8	0
2 2″ hose pipe clips, 1*s.* each	0	2	0
2 ½″ ditto, 9*d.* do.	0	1	6
1 2″ tee piece	0	2	0
26′ (about) 2″ pipe, made into complete set	1	18	6
TOTAL ...	18	0	0

Appendix D.

Schedule of brake rigging for Vacuum Automatic brake.

DESCRIPTION OF DETAILS. For 1 engine and tender.	Quantity required.	Rate each in London, Liverpool, Birkenhead, &c.	
		Rate.	Amount.
		£ s. d.	£ s. d.
Brake lever	4	0 2 3	0 9 0
Pull link and pins	4	0 2 9	0 11 0
Push link, pins, and ferrule	1	0 9 0	0 9 0
Brake shaft with pin	1	1 16 0	1 16 0
Brake shaft and cylinder carrying plate with C. I. bushes, angle, and ⅝ bolts	2	0 17 3	1 14 6
Anchor plate with 1″ bolts	2	0 5 6	0 11 0
Pull rod with pins	2	0 4 0	0 8 0
Brake beam	2	1 12 6	3 5 0
Brake hanger thickening piece	4	0 3 0	0 12 0
Pull rod with nut and pins	1	0 14 6	0 14 6
2″ pipe carrier	1	0 0 5	0 0 5
2″ ,, ,, ...	4	0 0 5	0 1 8
2″ ,, ,, ...	1	0 0 6	0 0 6
¾″ ,, ,, ...	2	0 0 8	0 1 4
2″ ,, ,, ...	2	0 0 8	0 1 4
1″ ,, ,, ...	1	0 0 8	0 0 8
TOTAL ...	...	...	10 15 11
The foregoing for engines.			
The following for tenders.			
Brake shaft and pin	1	2 14 0	2 14 0
,, ,, bracket	2	2 0 6	2 1 0
Hand brake shaft	1	0 15 9	0 15 9
,, ,, bracket	1	0 12 3	0 12 3
,, ,, ,, ...	1	0 15 9	0 15 9
Cylinder brackets	2 S R & S L.	0 14 6	1 9 0
Block hangers	6 3 R & 3 L 4 long and 2 short.	0 14 6	4 7 0
,, ,, brackets	4	0 6 3	1 5 0
,, ,, ,, ...	2	0 4 6	0 9 0
Brake beam and coupler	2	1 10 6	3 1 0
,, ,, without coupler	1	1 18 0	1 18 0
Vacuum Chamber straps and bolts	2	0 3 8	0 7 4
Carried over ...	...	...	19 15 1

Appendix D—*contd.*

Schedule of brake rigging for Vacuum Automatic brake—contd.

Description of details. For 1 engine and tender.	Quantity required.	Rate each in London, Liverpool, Birkenhead, &c. Rate.	Amount.
		£ s. d.	£ s. d.
Brought forward ...	...	...	19 15 1
Block and pin	6 3 R & 3 L	0 5 6	1 13 0
Hand brake rod	1	0 7 6	0 7 6
Adjusting pull rod	1	0 14 6	0 14 6
Pull rod, forked	1	0 7 6	0 7 6
„ „ „	1	0 8 0	0 8 0
1″ pipe carrier	1	0 0 7	0 0 7
2″ „ „ „	3	0 0 9	0 2 3
2 „ „ „	1	0 0 6	0 0 6
Dummy carrier	1	0 2 3	0 2 3
¾″ inch pipe carrier	2	0 0 6	0 1 0
	...	...	23 12 2
For 1st and 2nd class carriages.			
Brake cylinder carrying brackets with ⅝″ bolt	2	0 6 0	0 12 0
Brake shaft carrying brackets with cast iron bushes, angles ¾″ bolts, nuts, and locknuts	2	0 12 6	1 5 0
Main brake shaft with pin	1	2 10 6	2 10 6
Truss beam with "Grover" washers and nuts complete ...	2	1 0 6	2 1 0
Cast iron brake blocks	8	0 1 9	0 14 0
1″ pull rod	1	0 4 0	0 4 0
1″ „ „	1	0 3 10	0 3 10
1″ pins with their washers and split pins	12	0 0 5½	0 5 6
Brake block hanger brackets with ¾″ bolts and 1″ pins	8	0 1 2	0 9 4
Brake blocks hangers	8	0 2 1	0 16 8
Main vertical levers	4	0 1 3	0 5 0
Adjustment links	2	0 1 7	0 3 2
Main vertical levers supporting links	4	0 1 1½	0 4 6
Main lever supporting long bolts with washers, etc. ...	4	0 1 3	0 5 0
Main pipe carriers with bolts	4	0 0 6½	0 2 2
Truss rod end and adjusting link carriers	4	0 2 3	0 9 0
Dummy carriers with bolt	2	0 2 3	0 4 6
Total ...	...	...	10 15 2

Appendix D—*concld.*

Schedule of brake rigging for Vacuum Automatic brake—concld.

Description of details. For 1 engine and tender.	Quantity required.	Rate each in London, Liverpool, Birkenhead, &c. Rate.	Amount.
		£ s. d.	£ s. d.
For intermediate and 3rd class carriages.			
Brake cylinder carrying bracket with ⅝″ bolts ...	2	0 5 2	0 10 4
Main brake shaft carrier brackets with cast iron bushes, angle and ¾″ bolts with nuts and locknuts	2	0 12 6	1 5 0
Main brake shaft with pin	1	2 9 6	2 9 6
Truss beam with "Grover" washers and nuts complete ...	4	1 0 3	4 1 0
Cast iron brake blocks	8	0 1 10	0 14 8
1″ pull rod	1	0 4 1	0 4 1
1″ „ „	1	...	0 0 1
1″ pins with their washers and split pins	12	0 0 5½	0 5 6
Brake block hanger brackets with ¾″ bolts and 1″ pins	8	0 1 2	0 9 4
Brake block hangers	8	0 2 1	0 16 8
Main vertical levers	4	0 1 2½	0 4 10
Adjustment links	2	0 1 7	0 3 2
Main vertical lever supporting links	4	0 1 1½	0 4 6
Main lever supporting long bolts with washers	4	0 1 1½	0 4 6
Main train pipe carriers with bolts	2	0 0 7	0 1 2
„ „ „ „ „	2	0 0 6	0 1 0
Truss rod end and adjusting link carriers	4	0 2 3½	0 9 2
Dummy carriers	2	0 2 3	0 4 6
Total ...	...	...	12 9 0

G. C. Press, Simla.—No. 936 P. W. D.—19-12-95.—48.

[*For General Distribution.*]

Circular No. 4.

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 MANAGER, EAST COAST STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MU VALLEY STATE RAILWAY.
THE ENGINEER-IN-CHIEF, MUSHKAF-BOLAN STATE RAILWAY.
THE ENGINEER-IN-CHIEF, BINA-GUNA RAILWAY.
THE ENGINEER-IN-CHIEF, BHOPAL-UJAIN RAILWAY.
THE ENGINEER-IN-CHIEF, CHITTORE-OODEYPORE RAILWAY.
THE ENGINEER-IN-CHIEF, KOTRI-ROHRI RAILWAY.
THE EXECUTIVE ENGINEER, KALKA-SIMLA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, ASSAM-BURMA CONNECTION RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, UMARKOT-PACHPADRA RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, NORTHERN BENGAL-ASSAM CONNECTION RAILWAY SURVEY.
THE ENGINEER-IN-CHIEF, MARI-ATTOCK-RAILWAY AND GRADIENT IMPROVEMENT WORKS, N. W. RAILWAY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate List, Class E.—Rolling Stock for 1893.

Calcutta, the 26th February 1895.

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 E Stores, "Rolling Stock," contracted for by the Stores Department of the India Office during 1893.

2. A table giving the average rate per ton, of sea-freight, for Class E Stores imported from England to the several ports in India for State Railways during 1893 is prefixed to the rate list.

3. In order to arrive at the total cost of the Rolling Stock 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.

4. In this list Vacuum Automatic Brake gear and rigging are shown as sub-heads of locomotive and coaching and goods stock and have also been adopted in the revised edition of the nomenclature and classification of State Railway Stores to be issued shortly.

I have the honour to be,
SIR,
Your most obedient Servant,

T. GRACEY, Lieut.-Col., R.E.,
Ofg. Director General of Railways.

Documents accompanying.

1. Statement showing the average rate per ton for entire sea-freight on class E Stores imported from England at the several ports during 1893.
2. Rate List, Class E—Rolling Stock for 1893.

* For State Railway Stores and Irrigation Works only classed as Imperial.

OWE.1
43/95

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, Bengal.
The Consulting Engineers for Railways, Madras, and Bombay.
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.

T. GRACEY, Lieut.-Col., R.E.,
Offg. Director General of Railways.

To

THE

No. 5 19 April 1895.
N-993 W.L.

Communicated to officers of the P.W. Department for information

(Sd) J.P.
W

Supdg Engineers &
& A. & Govt
Exam. P.W. accts

G. C. Press, Simla.—No. 934 P. W. D.—6·3·95.—895.