(1) பக்கங்களின் எண்ணிக்கை 40

(2) புதுக்கித் திருப்பிய நாள் 27-2-89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் [illegible]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

Spare Copy பொதுப்பணித் துறை

அரசாணை எண். 25 (W) அச்சகம்
மு. கோப்புத் தாள் எண். (Spare Copy) பலவகை

நாள் : 7-1-1890 19[illegible].

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

2207

ஆவண. கா-1—18,000—15-6-87.

Enclosure to Director General of Railways' Circular No. 29 of 1889.

2/5/1

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

FOR 1883.

G. C. Press, Simla.—No. 1146 P. W. D.—2-12-88.—1,106.

Enclosure to Director General of Railways' Circular No. 29 of 1889.

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RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

FOR 1888.

Enclosure to Director General of Railways' Circular No. 29 of 1889.

CLASS OF STORES, D.—PERMANENT WAY MATERIALS.

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
1132	Bolts, fish ...	With nuts for rails, steel, flat-footed	75	13	7	6	Ton. ...	Weight of one bolt and nut 1lb. 14·5 oz.
1305	„ ...	And nuts for steel rails, flat-footed	75	12	7	6	„	
1579	„ ...	And nuts for 30 feet rails	73	12	17	6	„	
1687	„ ...	For flat-footed rails	75	11	17	6	„	
961	Crossings, built up ...	For flat-footed steel rails, angle 1 in 7 (or 7° 45′)	75	5	17	0	Each.	
1255	„ „ ...	Ditto ditto ditto	75	5	17	0	„	
1318	„ „ ...	Ditto angle 1 in 8½	75	5	17	0	„	
1556	„ „ ...	Ditto ditto ditto	75	5	17	0	„	
1578	„ „ ...	For double-headed rails, angles 1 in 7½ and 1 in 9½	73	5	5	0	Set.	
1593	„ „ ...	With chairs, &c., complete for rails, angle 1 in 8½	75	5	18	0	„	
1624	„ „ ...	Steel for rails, flat-footed, angle 1 in 8½	75	6	0	0	„	
„	„ „ ...	Ditto angle 1 in 12	75	6	13	6	„	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
1739	Crossings, built up ...	Complete steel for flat-footed rails, angle 1 in 12	75	6	13	6	Set.	
"	" " ...	Ditto ditto angle 1 in 8½	75	6	0	0		
"	" " ...	Ditto ditto angle 1 in 6	75	6	0	0	"	
1123	Plates, fish ...	For flat-footed steel rails	75	4	17	6	Ton.	Weight 38·5 lb. per pair, 6 holes for bolts.
1230	" ...	With holes for 6 bolts for rails, steel, flat-footed	75	4	16	0	"	
1304	" ...	For flat-footed steel rails	75	5	0	0	"	
1576	" ...	New pattern with 6 holes for rails	75	6	5	0	"	
1689	" ...	For flat-footed rails	75	5	7	3	"	Estimated weight of one pair 46 lbs.
1732	" ...	Ditto	75	5	2	6	"	
1135	Rails, steel ...	Bessemer, flat-footed (30 feet, 27 feet and 24 feet)	75	3	17	0	Ton.	
1231	" ...	Flat-footed ditto	75	3	17	6	"	
1572	" ...	Bessemer, 30 feet, double-headed	73	3	17	0	"	

CLASS OF STORES D.—PERMANENT WAY MATERIALS—*contd.*

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
1671	Rails, steel ...	Flat-footed	75	4	0	0	Ton.	
1672	" ...	Ditto	75	4	0	0	"	
1729	" ...	Ditto	75	3	19	0	"	In Liverpool, but in London £ 4·4·6 per ton.
1594	Sleepers, iron; fastenings for—	Cotters and gibs for double-headed rails	75	14	10	0	Ton.	
"	" " ...	Jaws for ditto	75	4	0	0	"	
"	" " ...	Tiebars for ditto	75	7	0	0	"	
1735	Sleepers, steel, transverse	For flat-footed rails with corrugated clips	75	4	18	6	"	
"	" " ...	Ditto with plain clips	75	4	17	6	"	
1313	" " ...	Complete with keys for rails, steel, flat-footed	75	4	14	0	"	
1570	Spikes, dog ...	For use with timber sleepers and rails, steel, flat-footed	75	10	12	6	Ton.	
1688	" ...	For flat-footed rails	75	10	17	6	"	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on Board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
977	Switches (or points) complete.	Single throw for flat-footed rails with 12′ tongue	75	7	14	0	Set.	
1254	„ „ ...	(To suit crossings for flat-footed rails, angle 1 in 7) 12′ tongue	75	7	14	0	„	
1318	„ „ ...	For flat-footed steel rails with 12′ tongue and with round rods and Macnee's lever box	75	7	19	0	Each.	
1377	„ „ ...	To suit crossings for flat-footed rails, angle 1 in 7 with 12′ tongue	75	7	14	0	Set.	
1556	„ „ ...	To suit crossings steel, built up, angle 1 in 8½, length of tongue 12 feet, throw 4½″, section 4½″	75	8	0	0	Each.	
1578	„ „ ...	Single throw with 15′ tongue to suit crossings, angles 1 in 7½ and 1 in 9½ ...	75	8	6	6	Set.	
1624	„ „ ...	To suit crossings, built up, angle 1 in 8½, with 12′ tongue	75	8	0	0	„	
„	„ „ ...	Ditto angle 1 in 12, with 15′ tongue	75	8	17	6	„	
1739	„ „ ...	For flat-footed steel rails with 15′ tongue	75	8	17	6	„	
„	„ „ ...	Ditto with 12′ tongue	75	8	0	0	„	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on Board. Amount.			Unit.	Remarks.
		No. c. q. lbs.	lbs.	£	s.	d.		
647	Bolts, fish ...	To suit steel rails 1500=5 1 12	20	0	18	0	Cwt.	
774	„ ...	With nuts and washers for rails, steel, flat-footed	41¼	13	7	6	Ton.	
940	„ ...	With nuts and washers for rails, steel, flat-footed	41¼	13	7	6	„	
1340	„ ...	With nuts and washers for rails, steel, flat-footed	50	13	7	6	„	
„	„ ...	Ditto ditto	50	13	7	6	„	For use with deep-web fish plates; 15*s.* extra for substitution of hexagonal nuts for square nuts.
„	„ ...	Ditto ditto	41¼	13	7	6	„	
1401	„ ...	For steel rails	50	13	7	6	„	
1443	„ ...	As per drawing No. 3	...	33	17	6	„	For Jorhat Railway.
„	„ ...	Ditto 2	...	27	17	6	„	ditto.
1588	„ ...	With nuts and washers for steel rails	41¼	14	7	6	„	
1641	„ ...	Ditto for rails, steel, flat-footed	41¼	14	7	6	„	
597	Crossings, built up ...	Angle 1 in 9½ for rails	41¼	5	0	0	Each.	
1047	„ „ ...	Angle 1 in 10	41¼	5	2	6	„	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
1047	Crossings, built up ...	Angle 1 in 7	41½	5	2	6	Each.	
794	Crossings ...	Steel, crucible, cast, reversible, complete, for rails, steel, flat-footed, angle 1 in 12 ...	41½	7	12	6	„	
„	Crossings, built up ...	Ditto ditto ditto angle 1 in 9½ ...	41½	7	5	0	„	
„	„ „ ...	Ditto ditto ditto angle 1 in 6½ ...	41½	8	5	0	„	
1145	„ „ ...	Angle 1 in 9½	41½	5	7	6	„	
1165	„ „ ...	For rails, steel, flat-footed, angles 1 in 7 and 1 in 10	41½	5	7	6	„	
1167	„ „ ...	Ditto angle 6°=1 in 9½	41½	4	18	0	„	
1377	„ „ ...	Ditto angle 1 in 9½	41½	5	7	6	Set.	
1377	„ „ ...	For flat-footed steel rails, angle 1 in 12	41½	5	7	6	„	
„	„ „ ...	For rails, angle 60° (1 in 9½)	41½	5	7	6	„	
1556	„ „ ...	Steel for flat-footed rails, angles 5° 30′ and 7° 45′	50	5	9	0	Each.	
1592	„ „ ...	For steel rails complete, angles 1 in 10 and 1 in 7	41½	5	7	6	Set.	
1674	„ „ ...	For rails, steel, flat-footed, angle 1 in 10	41½	5	10	0	„	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
		No. c. q. lbs.	lbs.	£	s.	d.		
547	Plates, fish ...	To suit steel rails 20 lbs. section, 150=5 1 12	20	0	15	0	Cwt.	
792	„ ...	For rails, steel, flat-footed	41½	5	10	0	Ton.	
939	„ ...	Ditto ditto	41½	5	10	0	„	
1443	„ ...	Ditto ditto	...	17	10	0	„	For Jorhat Railway.
1586	„ ...	Ditto ditto	41½	6	10	0	„	
1628	„ ...	Ditto ditto	41½	6	10	0	„	
		No. tons						
547	Rails, steel, flat-footed	20 lbs. per yard in 18′ lengths (150=50)	20	5	10	0	Ton.	
766	„ „ ...	Length 24 feet, but not more than 4 per cent. of the whole 21 feet and not more than 2 per cent. of the whole 18 feet.	41½	3	16	6	„	
937	„ „ ...	23′ 9½″ long	41½	3	16	6	„	
„	„ „ ...	21′ 0″ long						
„	„ „ ...	18′ 0″ long						

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
1571	Rails, steel, flat-footed	24 feet each						
"	" " ...	23′ 9½″ long						
"	" " ...	21′ 0″ "	41¼	3	18	6	Ton.	
"	" " ...	18′ 2½″ "						
1637	" " ...	In lengths of 24 feet, 21 feet and 18 feet	41¼	4	2	6	"	
1669	" " ...	24 feet in length	41¼	4	2	6	"	
1318	" " ...	Length 24 feet, but not more than 4 per cent. of the whole 21 feet and not more than 2 per cent. of the whole 18 feet.	50	3	18	0	"	
1489	" " ...	In lengths of 24 feet, 20 feet and 18 feet	50	3	17	6	"	
		No. tons. c. qr. lbs.						
815	Sleepers, steel, transverse	Stamped with fastenings for steel rails 5000 = 157 5 2 27 each sleeper is to weigh 69 lbs. exclusive of keys	41¼	5	0	0	Ton.	
1091	" " ...	Ditto ditto ditto ...	41¼	4	15	0	"	

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CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
941	Spikes, dog ...	For rails, steel, flat-footed	41¼	10	10	0	Ton.	
1376	" ...	Ditto	41¼	10	7	6	"	
"	" ...	Ditto	50	10	7	6	"	
1587	" ...	Ditto	41¼	10	17	6	"	
1642	" ...	For flat-footed steel rails	41¼	10	17	6	"	
528	Switches (or points) complete.	With 9 feet tongues for rails	41¼	6	0	0	Set.	
273	" " ...	Single throw with 12′ tongue	41¼	6	3	0	"	
"	" " ...	Three throws for steel rails	41¼	11	15	0	"	Length of tongue not given.
793	" " ...	With all parts. Single throw for flat-footed rails to suit crossings of angles 1 in 12, 1 in 9½ and 1 in 6¾, length of tongue 12 feet	41¼	6	12	0	"	
"	" " ...	Length of tongue 9 feet	41¼	6	2	0	"	

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CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rails per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
999	Switches or points) complete.	Single throw for rails with 12′ tongue	41¼	6	6	0	Set.	
		Spare parts for above, *viz.*:—						
		Chairs, slide	...	0	1	2	Each.	
		Lever handles	...	0	10	0	,,	
		Lever boxes	...	1	10	0	,,	
		Rails stock for 12′ switches right and left hand	...	0	18	6	,,	
		Rails tongue ditto ditto	...	0	14	9	,,	
1144	Switches (or points) complete.	12 feet tongue	41¼	6	12	6	Set.	
1168	,, ,, ...	To suit crossings for rails, steel, flat-footed, with 12′ tongue	41¼	6	2	6	,,	
1169	,, ,, ...	To suit crossings, angles 1 in 7 and 1 in 10, length of tongue 12 feet	41¼	6	12	6	Each.	
1977	,, ,, ...	Single throw for rails to suit crossings angle 1 in 9½, with 9 feet tongue ...	41¼	6	2	6	Set.	
,,	,, ,, ...	Ditto to suit crossings angles 1 in 12, with 12′ tongue	41¼	6	12	6	,,	
1555	,, ,, ...	Single throw to suit crossings built up for flat-footed rails, angles 5° 30′ and 7° 45′, with 12′ tongue.	50	7	2	6	Each.	
1674	,, ,, ...	Single throw to suit crossings angle 1 in 10, with 12′ tongue	41¼	6	15	0	Set.	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*concld.*

FOR 18 INCH GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on Board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
1765	(Railway) Tramway complete.	One mile Greig's patent portable Railway complete with iron sleepers, clutch bolts, and fanged rails, 18″ gauge, for the Umaria Colliery.	14	275	0	0	Mile.	Delivery free on board in Liverpool; £7 extra for delivery free on board in London.

G. F. MATHEW,
for Director General of Railways.

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Enclosure to Director General of Railways' Circular No. 29 of 1889.

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

FOR 1888.

G. C. Press, Simla—No. 1146 P. W. D.—2-12-88.—1,105.

Enclosure to Director General of Railways' Circular No. 29 of 1889.

2/9

RATE LIST.

CLASS D.

PERMANENT-WAY MATERIALS.

FOR 1888.

Enclosure to Director General of Railways' Circular No. 29 of 1889.

CLASS OF STORES, D.—PERMANENT WAY MATERIALS.

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
1132	Bolts, fish ...	With nuts for rails, steel, flat-footed	75	13	7	6	Ton. ...	Weight of one bolt and nut 1lb. 14·5 oz.
1305	„ ...	And nuts for steel rails, flat-footed	75	12	7	6	„	
1579	„ ...	And nuts for 30 feet rails	73	12	17	6	„	
1687	„ ...	For flat-footed rails	75	11	17	6	„	
961	Crossings, built up ...	For flat-footed steel rails, angle 1 in 7 (or 7° 45′)	75	5	17	0	Each.	
1255	„ „ ...	Ditto ditto ditto	75	5	17	0	„	
1318	„ „ ...	Ditto angle 1 in 8½	75	5	17	0	„	
1556	„ „ ...	Ditto ditto ditto	75	5	17	0	„	
1578	„ „ ...	For double-headed rails, angles 1 in 7½ and 1 in 9½	73	5	5	0	Set.	
1593	„ „ ...	With chairs, &c., complete for rails, angle 1 in 8½	75	5	18	0	„	
1624	„ „ ...	Steel for rails, flat-footed, angle 1 in 8½	75	6	0	0	„	
„	„ „ ...	Ditto angle 1 in 12	75	6	13	6	„	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
1739	Crossings, built up ...	Complete steel for flat-footed rails, angle 1 in 12	75	6	13	6	Set.	
"	" " ...	Ditto ditto angle 1 in 8½	75	6	0	0		
"	" " ...	Ditto ditto angle 1 in 6	75	6	0	0	"	
1133	Plates, fish ...	For flat-footed steel rails	75	4	17	6	Ton.	Weight 38·5 lb. per pair, 6 holes for bolts.
1230	" ...	With holes for 6 bolts for rails, steel, flat-footed	75	4	16	0	"	
1304	" ...	For flat-footed steel rails	75	5	0	0	"	
1676	" ...	New pattern with 6 holes for rails	75	6	5	0	"	Estimated weight of one pair 46 lbs.
1689	" ...	For flat-footed rails	75	5	7	3	"	
1732	" ...	Ditto	75	5	2	6	"	
1135	Rails, steel ...	Bessemer, flat-footed (30 feet, 27 feet and 24 feet)	75	3	17	0	Ton.	
1231	" ...	Flat-footed ditto	75	3	17	6	"	
1572	" ...	Bessemer, 30 feet, double-headed	73	3	17	0	"	

CLASS OF STORES D.—PERMANENT WAY MATERIALS—*contd.*

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
1671	Rails, steel ...	Flat-footed	75	4	0	0	Ton.	
1672	" ...	Ditto	75	4	0	0	"	
1729	" ...	Ditto	75	3	19	0	"	In Liverpool, but in London £ 4·4·6 per ton.
1594	Sleepers, iron; fastenings for—	Cotters and gibs for double-headed rails	75	14	10	0	Ton.	
"	" " ...	Jaws for ditto	75	4	0	0	"	
"	" " ...	Tiebars for ditto	75	7	0	0	"	
1735	Sleepers, steel, transverse	For flat-footed rails with corrugated clips	75	4	18	6	"	
"	" " ...	Ditto with plain clips	75	4	17	6	"	
1313	" " ...	Complete with keys for rails, steel, flat-footed	75	4	14	0	"	
1570	Spikes, dog ...	For use with timber sleepers and rails, steel, flat-footed	75	10	12	6	Ton.	
1688	" ...	For flat-footed rails	75	10	17	6	"	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR 5′ 6″ GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on Board. Amount.			Unit.	Remarks.
			lbs.	£	*s.*	*d.*		
977	Switches (or points) complete.	Single throw for flat-footed rails with 12′ tongue	75	7	14	0	Set.	
1254	,, ,, ...	(To suit crossings for flat-footed rails, angle 1 in 7) 12′ tongue	75	7	14	0	,,	
1318	,, ,, ...	For flat-footed steel rails with 12′ tongue and with round rods and Macnee's lever box	75	7	19	0	Each.	
1377	,, ,, ...	To suit crossings for flat-footed rails, angle 1 in 7 with 12′ tongue	75	7	14	0	Set.	
1556	,, ,, ...	To suit crossings steel, built up, angle 1 in 8½, length of tongue 12 feet, throw 4½″, section 4½″	75	8	0	0	Each.	
1578	,, ,, ...	Single throw with 15′ tongue to suit crossings, angles 1 in 7½ and 1 in 9½ ...	73	8	6	6	Set.	
1624	,, ,, ...	To suit crossings, built up, angle 1 in 8½, with 12′ tongue	75	8	0	0	,,	
,,	,, ,, ...	Ditto angle 1 in 12, with 15′ tongue	75	8	17	6	,,	
1739	,, ,, ...	For flat-footed steel rails with 15′ tongue	75	8	17	6	,,	
,,	,, ,, ...	Ditto with 12′ tongue	75	8	0	0	,,	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on Board. Amount.			Unit.	Remarks.
		No. c. q. lbs.	lbs.	£	*s.*	*d.*		
547	Bolts, fish ...	To suit steel rails 1500=5 1 12	20	0	18	0	Cwt.	
774	,, ...	With nuts and washers for rails, steel, flat-footed	41½	13	7	6	Ton.	
940	,, ...	With nuts and washers for rails, steel, flat-footed	41½	13	7	6	,,	
1340	,, ...	With nuts and washers for rails, steel, flat-footed	50	13	7	6	,,	
,,	,, ...	Ditto ditto	50	13	7	6	,,	For use with deep-web fish plates; 15*s.* extra for substitution of hexagonal nuts for square nuts.
,,	,, ...	Ditto ditto	41½	13	7	6	,,	
1401	,, ...	For steel rails	50	13	7	6	,,	
1443	,, ...	As per drawing No. 3	...	33	17	6	,,	For Jorhat Railway.
,,	,, ...	Ditto 2	...	27	17	6	,,	ditto.
1588	,, ...	With nuts and washers for steel rails	41½	14	7	6	,,	
1641	,, ...	Ditto for rails, steel, flat-footed	41½	14	7	6	,,	
597	Crossings, built up ...	Angle 1 in 9½ for rails	41½	5	0	0	Each.	
1047	,, ,, ...	Angle 1 in 10	41½	5	2	6	,,	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
			lbs.	£	s.	d.		
1047	Crossings, built up ...	Angle 1 in 7	41¼	5	2	6	Each.	
794	Crossings ...	Steel, crucible, cast, reversible, complete, for rails, steel, flat-footed, angle 1 in 12 ...	41¼	7	12	6	„	
„	Crossings, built up ...	Ditto ditto ditto angle 1 in 9½ ...	41¼	7	5	0	„	
„	„ „ ...	Ditto ditto ditto angle 1 in 6½ ...	41¼	8	5	0	„	
1145	„ „ ...	Angle 1 in 9½	41¼	5	7	6	„	
1165	„ „ ...	For rails, steel, flat-footed, angles 1 in 7 and 1 in 10	41¼	5	7	6	„	
1167	„ „ ...	Ditto angle 6°=1 in 9½	41¼	4	18	0	„	
1377	„ „ ...	Ditto angle 1 in 9½	41¼	5	7	6	Set.	
1377	„ „ ...	For flat-footed steel rails, angle 1 in 12	41¼	5	7	6	„	
„	„ „ ...	For rails, angle 60° (1 in 9½)	41¼	5	7	6	„	
1555	„ „ ...	Steel for flat-footed rails, angles 5° 30′ and 7° 45′	50	5	9	0	Each.	
1592	„ „ ...	For steel rails complete, angles 1 in 10 and 1 in 7	41¼	5	7	6	Set.	
1674	„ „ ...	For rails, steel, flat-footed, angle 1 in 10	41¼	5	10	0	„	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount.			Unit.	Remarks.
		No. c. q. lbs.	lbs.	£	s.	d.		
547	Plates, fish ...	To suit steel rails 20 lbs. section, 150=5 1 12	20	0	15	0	Cwt.	
792	„ ...	For rails, steel, flat-footed	41¼	5	10	0	Ton.	
939	„ ...	Ditto ditto	41¼	5	10	0	„	
1443	„ ...	Ditto ditto	...	17	10	0	„	For Jorhat Railway.
1586	„ ...	Ditto ditto	41¼	6	10	0	„	
1628	„ ...	Ditto ditto	41¼	6	10	0	„	
		No. tons						
547	Rails, steel, flat-footed	20 lbs. per yard in 18′ lengths (150—50)	20	5	10	0	Ton.	
766	„ „ ...	Length 24 feet, but not more than 4 per cent. of the whole 21 feet and not more than 2 per cent. of the whole 18 feet.	41¼	3	16	6	„	
937	„ „ ...	23′ 9½″ long	41¼	3	16	6	„	
„	„ „ ...	21′ 0″ long						
„	„ „ ...	18′ 0″ long						

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
1571	Rails, steel, flat-footed	24 feet each	41¼	3	18	6	Ton.	
"	" " ...	23′ 9⅛″ long						
"	" " ...	21′ 0″ "						
"	" " ...	18′ 2⅛″ "						
1637	" " ...	In lengths of 24 feet, 21 feet and 18 feet	41¼	4	2	6	"	
1669	" " ...	24 feet in length	41¼	4	2	6	"	
1318	" " ...	Length 24 feet, but not more than 4 per cent. of the whole 21 feet and not more than 2 per cent. of the whole 18 feet.	50	3	18	0	"	
1489	" " ...	In lengths of 24 feet, 20 feet and 18 feet	50	3	17	6	"	
		No. tons. c. qr. lbs.						
815	Sleepers, steel, transverse	Stamped with fastenings for steel rails 5000 = 157 5 2 27 each sleeper is to weigh 69 lbs. exclusive of keys	41¼	5	0	0	Ton.	
1091	" " ...	Ditto ditto ditto ...	41¼	4	15	0	"	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
941	Spikes, dog ...	For rails, steel, flat-footed	41¼	10	10	0	Ton.	
1376	" ...	Ditto	41¼	10	7	6	"	
"	" ...	Ditto	50	10	7	6	"	
1587	" ...	Ditto	41¼	10	17	6	"	
1642	" ...	For flat-footed steel rails	41¼	10	17	6	"	
598	Switches (or points) complete.	With 9 feet tongues for rails	41¼	6	0	0	Set.	
773	" " ...	Single throw with 12′ tongue	41¼	6	3	0	"	
"	" " ...	Three throws for steel rails	41¼	11	15	0	"	
793	" " ...	With all parts. Single throw for flat-footed rails to suit crossings of angles 1 in 12, 1 in 9½ and 1 in 6¾, length of tongue 12 feet	41¼	6	12	0	"	Length of tongue not given.
"	" " ...	Length of tongue 9 feet	41¼	6	2	0	"	

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*contd.*

FOR METRE GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rails per yard.	Rate—Free on board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
999	Switches or points) complete.	Single throw for rails with 12′ tongue	41½	6	6	0	Set.	
		Spare parts for above, *viz.* :—						
		Chairs, slide	...	0	1	2	Each.	
		Lever handles	...	0	10	0	„	
		Lever boxes	...	1	10	0	„	
		Rails stock for 12′ switches right and left hand	...	0	18	6	„	
		Rails tongue ditto ditto	...	0	14	9	„	
1144	Switches (or points) complete.	12 feet tongue	41½	6	12	6	Set.	
1168	„ „ ...	To suit crossings for rails, steel, flat-footed, with 12′ tongue...	41½	6	2	6	„	
1169	„ „ ...	To suit crossings, angles 1 in 7 and 1 in 10, length of tongue 12 feet	41½	6	12	6	Each.	
1377	„ „ ...	Single throw for rails to suit crossings angle 1 in 9½, with 9 feet tongue ...	41½	6	2	6	Set.	
„	„ „ ...	Ditto to suit crossings angles 1 in 12, with 12′ tongue	41½	6	12	6	„	
1555	„ „ ...	Single throw to suit crossings built up for flat-footed rails, angles 5° 30′ and 7° 45′, with 12′ tongue.	50	7	2	6	Each.	
1674	„ „ ...	Single throw to suit crossings angle 1 in 10, with 12′ tongue	41½	6	15	0	Set.	

10

CLASS OF STORES, D.—PERMANENT WAY MATERIALS—*conold.*

FOR 18 INCH GAUGE RAILWAYS.

Contracted for in 1888.

Contract Number.	Articles.	Details.	Weight of rail per yard.	Rate—Free on Board. Amount. £	s.	d.	Unit.	Remarks.
			lbs.					
1765	(Railway) Tramway complete.	One mile Greig's patent portable Railway complete with iron sleepers, clutch bolts, and fanged rails, 18″ gauge, for the Umaria Colliery.	14	275	0	0	Mile.	Delivery free on board in Liverpool ; £ 7 extra for delivery free on board in London.

11

G. F. MATHEW,
for Director General of Railways.

5/12

[*General Distribution.*]

Circular No. 29.

FROM

THE DIRECTOR GENERAL OF RAILWAYS,

TO

THE DIRECTOR, NORTH-WESTERN RAILWAY.
THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
THE ENGINEER-IN-CHIEF, CHAMAN EXTENSION.
THE ENGINEER-IN-CHIEF, MOGULSERAI-HOWRAH RAILWAY SURVEY.
THE PORT STOREKEEPER, STATE RAILWAY DEPARTMENT, CALCUTTA.

Rate Lists for Class D, Permanent-way Materials for 1888.

Simla, 25th November, 1889.

SIR,

I have the honour to forward herewith, for information and guidance, a printed statement shewing rates, *f.o.b. on board* in England, of D Class State Railway Stores—"Permanent-way Materials"—contracted for in 1888.

2. The Statement has been divided into two parts, the first part (pages 1 to 4) affords information regarding materials for 5' 6" gauge Railways and the second part (pages 5 to 11) furnishes similar information for metre and other narrow gauge Railways.

3. The English cost of complete materials for one mile of an 18 inch gauge Railway is given on page 11.

I have the honour to be,

SIR,

Your most obedient Servant,

G. F. MATHEW,

for Director General of Railways.

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, Assam and Coorg, Public Works Department.
The Secretaries to the Residents, Hyderabad and 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 Inspector General of Military Works.
The Accountant General, Public Works Department.
The Comptroller General.
The Accountant General, Bengal.
The Consulting Engineers for Railways, Madras and Bombay.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow and Central Division.
The Agent and General Manager, Assam Railways and Trading Company, Limited.

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

G. F. MATHEW,

for Director General of Railways.

Documents accompanying.

Rate List, Class D.—"Permanent-way Materials"—for 1888.

FROM

THE DIRECTOR GENERAL
OF RAILWAYS,

TO

Circular No. 29.

Dated Simla, the 25th November 1889.

Received

INDIAN STATE RAILWAYS.

Rate List, Class D.—"Permanent-way Materials"—for 1888.

G. C. Press, Simla.—No. 1211 P. W. D.—28-11-89.—1,106.

[*General Distribution.*]

Circular No. 29.

25/16

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THE MANAGER, OUDH AND ROHILKHAND RAILWAY.
THE ENGINEER-IN-CHIEF, CHAMAN EXTENSION.
THE ENGINEER-IN-CHIEF, MOGULSERAI-HOWRAH RAILWAY SURVEY.
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The Secretaries to the Residents, Hyderabad and 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 Inspector General of Military Works.
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