

[2381]



VICTORIA GOVERNMENT GAZETTE.

Published by Authority.

[Registered at the General Post Office, Melbourne, for transmission by post as a newspaper.]

No. 178]

MONDAY, SEPTEMBER 18.

[1933

No.	Number of Tenders.	Particulars of Contract.	Country of Manufacture or Production.	Amount.	Name of Contractor.
93	..	Railway Stores Suspense Account, Act 3759, Section 105— Supply and delivery of Stores, as ordered, from 1st July, 1933, to 30th June, 1935.	As per annex ..	Rates as per annex	As per annex

Melbourne, 15th September, 1933.

Schedule of Rates Contracts

FOR THE

SUPPLY OF STORES

TO THE

VICTORIAN RAILWAYS,

Period 1.7.1933 to 30.6.1935.

E. C. EYERS,

By order of The Victorian Railways Commissioners.

SUPPLY AND DELIVERY OF STORES.

As ordered, from 1.7.1933 to 30.6.1935.

Items marked * to be supplied (subject to the General Conditions of Contract) to sample or samples exhibited by the Corporation.

Items marked † to be supplied to sample or samples furnished by the Contractor.

Items for which the Country of Manufacture is shown as a State of Australia are to be wholly or partly manufactured in such State.

No subletting will be allowed.

All rates are exclusive of Sales Tax.

SHIP CHANDLERY, TAR, ETC.

(See Appendix "A" for Specification.)

Fifteen per centum will be deducted from the gross weight of the Rosin supplied under Item 2810, as an allowance for packages.

As regards Item No. 2807—the Eyelets and Washers shall be manufactured from sheet brass of not less than 22 S.W.G.

As regards Items No. 2811 to 2814, payment will be made on the following basis provided receptacles are full:—Standard tanks and fire carts, 270 gallon; Standard drums or casks, 42 gallon.

**As regards Items Nos. 2802, 2808, 2809, and 2815, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended T.T. Exchange is effective as notified by the Commonwealth Bank.

The rate for Item No. 2815 is firm as regards conversion.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
†2801	Bitumen (Asphaltic Cement) .. ..	.. ..	120 tons	.. ..	.. ..	Nil.
†2802	Bunting, 18", red or green, as ordered ..	U.K.	2,000 l. yd.	l. yd.	**0 0 9½	Evan Evans Pty. Ltd.
†2803	Chalk—					} Nil
	Blue .. ..	.. ..	112 lb.	lb.	.. ..
†2804	Red .. ..	.. ..	56 "	do.	.. ..
†2805	White, Lump	Vict.	40 cwt.	cwt.	0 7 0	Paul and Gray Ltd. (in liq.)
†2806	French, Powdered .. ..	.. ..	84 lb.	lb.	.. ..	Nil
†2807	Eyelets and Washers, Brass, 1½"	Vict.	300 gross	gross	0 5 10	Eyelets Pty. Ltd.
*2808	Felt, Tarred, 32" x 40"	U.K.	200 sheets	sheet	**0 0 9½	Paul and Gray Ltd. (in liq.)
†2809	Palms, Sewing or Roping, as ordered ..	.. ..	10	each	**0 3 9	The Gair Manufacturing Co. Pty. Ltd.
2810	Rosin, Common .. ..	.. ..	24 cwt.	cwt.	.. ..	Nil
2811	Tar, Distilled, Specification A.1— Delivered at Spencer-street, in steel drums, supplied by the Corporation at the Metro- politan Receiving Depot, Spencer-street	Vict.	10,000 gals.	gal.	0 0 6½	} Jas. Forbes (Tar Dis- tillers) Pty. Ltd.
2812	Delivered in Departmental tanks in Contrac- tor's yard, Normanby-rd., Port Melbourne	.. ..	10,000 "	do.	0 0 6	
2813	" " in fire carts on the site of works along St. Kilda-Brighton Electric Street Railway track	.. ..	24,000 "	do.	0 0 6½	
2814	" " in fire carts on the site of works along the Sandringham- Black Rock Electric Street Railway track	.. ..	10,000 "	do.	0 0 6½	
†2815	Tar, Stockholm, in 4-gallon tins, "Genuine"	Sweden	120 "	do.	**0 3 3	Paul and Gray Ltd. (in liq.)
*2816	Thimbles, Iron, Black, to take 2½" wire rope —size to be branded on thimble	.. ..	140 No.	each	.. ..	} Nil
†2817	Emulsion, Bituminous, to Specification A2, in 45 gal. returnable drums	.. ..	6,000 gals.	gal.	.. ..
2818 to 2825	} Nil					

COLOURS, PIGMENTS, AND DYES.

(See Appendix "B" for Specification.)

CONTAINERS.

For those items where material is delivered in Metal Containers, such containers shall be sound and to the satisfaction of the Comptroller of Stores.

** As regards Items 2826, 2829 to 2832, 2849, and 2863, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

* Items 2864 and 2865 are firm as regards T.T. Exchange.

†† Items 2868 to 2872 plus ruling rate of T.T. Exchange on date of delivery on 60%—but firm as regards conversion.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
†2826	Black Drop, dry, in 1-cwt. kegs or casks ..	U.K.	1680 lb.	lb.	**0	0	5½	W. & G. Dean Pty. Ltd.
†2827	" Vegetable, in 1-lb. packets ..	Viot.	36 cwt.	do.	0	0	9	Hendon Chemical Co.
†2827A	" in oil, in 1-cwt. kegs or casks ..	"	40 "	lb.	0	0	2½	} S. Smith & Co. Pty. Ltd.
†2828	Blue, Prussian, in oil, in 1-lb. tins ..	"	10 lb.	do.	0	1	3	
†2829	" Ultramarine, dry, in 7 or 28 lb. pkgs. ..	U.K.	224 "	do.	**0	1	3	
†2830	Brown, Bismarek, dry, in 7 or 28 lb. pkgs. ..	"	112 "	do.	**0	3	4	
†2831	" Purple, dry, in 7 lb. parcels ..	"	14 "	do.	**0	0	3½	} H. J. Corder Pty. Ltd.
†2832	" Spanish, dry, in 7 lb. parcels ..	"	14 "	do.	**0	0	2	
†2833	" Vandyke, dry, in 7-lb. parcels ..	"	28 "	do.	..	..	..	Nil
2834 to 2835	Nil							
†2836	Carmilion, in 7 or 28 lb. parcels ..	..	112 "	do.	..	..	..	Nil
†2837	Chrome, Dry Yellow, any shades ordered, Specification B.10, in 7 or 14 lb. pkgs. ..	Vict.	56 "	do.	0	0	10½	} E. L. Yencken & Co. Pty. Ltd.
†2838	" in oil, Yellow, any shades ordered, Specification B.10, in 7-lb. tins ..	"	1,344 "	do.	0	0	9	
†2839	Green, Bronze, or Quaker, dry, any shades, in 14 lb. pkgs. ..	"	112 "	do.	0	0	3½	
†2840	" Brunswick, dry, any shades ordered, in 14-lb. and 28-lb. packages, as ordered, Specification B.11 ..	..	20 cwt.	cwt.	..	..	..	Nil
†2841	Lead, Red, dry, Specification B.5, in 1-cwt. kegs or drums ..	N.S.W.	160 "	do.	†1	17	0	Commonwealth Litharge & Red Lead Pty. Ltd.
†2842	" " " " " in 5-cwt. kegs or casks ..	..	100 "	do.	..	..	..	Nil
†2843	" White (Basic Carbonate) dry, genuine, Specification B.1, in 1-cwt. kegs, ..	N.S.W.	40 "	do.	2	2	0	E. L. Yencken & Co. Pty. Ltd.
†2844	Ochre, Dry, red, Specification B.9, in 14 or 28-lb. pkgs. ..	Vict.	3 "	do.	0	8	6	} W. & G. Dean Pty. Ltd.
†2845	" Dry, Yellow, Specification B.9, in 1-cwt. bags ..	"	4 "	do.	0	9	6	
†2846	Oxide, Red, in oil, Specification B.8, in 56-lb. drums ..	"	120 "	do.	1	6	0	S. Smith & Co. Pty. Ltd.
†2847	" of Iron, Brown, dry, Specification B.8 Ground, f.o.r. Ballarat. Inspection Newport ..	"	100 tons	ton	3	18	6	Primary Producers Chemicals Pty. Ltd.
2848	Nil.							
†2849	Red, Indian, dry, Specification B.6, in 28-lb. pkgs. ..	U.K.	4 cwt.	cwt.	**1	8	0	W. & G. Dean Pty. Ltd.
†2850	" Mail, dry, in 14 or 28 lb. pkgs. ..	Vict.	672 lb.	lb.	0	1	0	E. L. Yencken & Co. Pty. Ltd.
†2851	" Venetian, dry, Specification B.7, in 7 or 14 lb. pkgs. ..	"	4 cwt.	cwt.	0	8	6	W. & G. Dean Pty. Ltd.
†2852	" " in oil, Specification B.7, in 28-lb. kegs ..	S. Aust.		do.	2	2	0	Brooks, Robinson Pty. Ltd.
†2853	Sienna, Burnt—Dry, Specification B.12, in 7-lb. pkgs. ..	Vict.	224 lb.	lb.	0	0	3	S. Smith & Co. Pty. Ltd.
†2854	" In oil, in 1-cwt. packages, Specification B.12 ..	"	40 cwt.	cwt.	3	0	0	} E. L. Yencken & Co. Pty. Ltd.
†2855	" in 14-lb. or 28-lb. packages, as ordered, Specification B.12 ..	"		do.	3	4	0	
†2856	" In pulp, Specification B.12, in 28-lb. pkgs. ..	"	112 lb.	lb.	0	0	4	E. L. Yencken & Co. Pty. Ltd.

† Less 3% payment 14 days, and 2½% 30 days.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
COLOURS, PIGMENTS, AND DYES—continued.						
†2857	Sienna, Raw— In oil, in 1-cwt. packages, Specification B.12	Vict.	100 cwt.	cwt.	2 1 0	S. Smith & Co. Pty. Ltd.
†2858	„ in 14-lb. or 28-lb. packages, as ordered, Specification B.12.	„		do.	2 4 0	
†2859	In pulp, Specification B.12, in 28-lb. pkgs.	„	336 lb.	lb.	0 0 4½	E. L. Yencken & Co. Pty. Ltd.
†2860	Umber, Burnt— Nil					
†2861	In oil, in 1-cwt. packages, Specification B.12 “Majora”	N.S.W.	60 cwt.	cwt.	2 12 6	Norman Macleod & Co. Pty. Ltd.
†2862	„ in 14-lb. or 28-lb. packages, as ordered, Specification B.12 “Majora”	„		do.	2 14 6	
†2863	Vermilion, Pure, deep, in 1 or 7 lb. tins ..	U.K.	168 lb.	lb.	**0 9 3	H. J. Corder Pty. Ltd.
†2864	Whiting (Calcium Carbonate), Specification C.1, in approx. 3-cwt. casks, for the manufacture of putty	„	200 cwt.	cwt.	*0 7 9	E. L. Yencken & Co. Pty. Ltd.
†2864A	Whiting (Calcium Carbonate), Specification C.1, for ordinary purposes, in 1-cwt. bags	Vict.	100 „	do.	0 6 6	S. N. Rodda Pty. Ltd.
†2865	Zinc, Sulphate	U.K.	112 lb.	lb.	*0 0 3	E. L. Yencken & Co. Pty. Ltd.
†2866	„ Oxide (Zinc White), in Oil, Specification B.2, in 1-cwt. kegs or drums	Vict.	2 cwt.	cwt.	2 6 0	
DYES						
†2867	Dye, Aniline, fast red, in 1-cwt. kegs ..	..	..	..	..	Nil
	Dye, B.A. and S.F., in 10-lb. containers—					
†2868	Black	Germany	1000 lb.	lb.	††0 5 6	Henry H. York & Co. Pty. Ltd.
†2869	Blue	„	800 „	do.	††0 5 6	
†2870	Blue-greenish	„	100 „	do.	††0 5 6	
†2871	White	„	40 „	do.	††0 5 6	
†2872	Yellow	„	600 „	do.	††0 5 6	
†2873 to 2880	Nil					

PAINT, ENAMEL, BOILER COMPOUND, ETC.

The Black Bituminous Paint, Item 2892, will be used for impregnating stranded wire and painting fittings on the overhead equipment on the Melbourne and Suburban Electric Railways, and shall be of the highest quality.

The Anti-corrosive Grey Paint, Item No. 2894, will be used for painting steel structures of the overhead equipment of the Melbourne and Suburban Electric Railways, and shall be of the highest quality. Any purchase of Anti-corrosive Paint for purposes other than for painting steel structures of the overhead equipment of the Melbourne and Suburban Electric Railways shall NOT be regarded as an infringement of this contract.

The Anti-corrosive Compound, Item No. 2899, shall be similar to “Apexior” Compound and shall prevent corrosion taking place, and shall withstand the various degrees of heat it will be subjected to when applied to the inside of steam boilers for a period guaranteed by the Tenderer at end of Schedule.

The Titanium Zinc Paint mixture supplied under Item No. 2889 shall be of the best quality for the purpose, ground in oil, suitable for the manufacturing of paint for use in spray painting machines, and shall be supplied in suitable metal containers with the net weight marked on each.

For those items where material is delivered in Metal Containers, such containers shall be sound and to the satisfaction of the Comptroller of Stores:

Paint, Acid Resisting, for Urinals—						
†2881	Black, in 4-gal. tins	N.S.W.	80 gals.	gal.	0 4 9	Taubmans Pty. Ltd.
†2881A	„ in 1-gal. tins	„		do.	0 5 3	
†2882	Red, in 4-gal. tins	„	80 „	do.	0 8 9	
†2882A	„ in 1-gal. tins	„		do.	0 9 3	
2883	Nil					
Paint, Distemper, Washable—						
“Selim”						
†2884	White, in 7 or 14 lb. tins	Vict.	896 lb.	lb.	0 0 3½	Selim Minerals Products Co.
†2885	Buff, in 7 or 14 lb. tins	„	224 lb.	do.	0 0 4	
†2886	Paint, Enamel, any tints ordered, in ¼-gal. tins, Sample “A”	„	200 gals.	gal.	0 16 0	Permalac Paint and Varnish Products
†2887	Paint, Enamel, Stoving, White, in ½-gal. tins, “Mirror”	„	4 „	do.	0 16 0	S. Smith & Co.
†2888	Paint, Enamel, Stoving, Black, in ½-gal. tins, “Spartan”	„	2 „	do.	0 7 6	Hardie Trading Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
PAINT, ENAMEL, BOILER COMPOUND, ETC.— <i>continued.</i>								
†2889	Paint, Titanium Zinc Mixture, in 1-cwt. containers	N.S.W.	120 cwt.	cwt.	2	12	6	Taubmans Pty. Ltd.
†2890	„ Enamel, Black, Finishing, suitable for use on locomotives, in 1-gallon tins, "Mirror"	Vict.	800 gals.	gal.	0	9	6	} S. Smith & Co.
†2891	„ Under coating, for Item No. 2890, "Mirror"	„	400 „	do.	0	10	0	
†2892	„ Black, Bituminous, Enamel, in 4-gallon tins as specified, Grade "A"	„	400 „	do.	0	7	3	Permalac Paint and Varnish Products
†2893	„ Black, Bituminous, for coating insides of galv. corr. wrought iron tanks, and similar metal containers, in 4 gallon tins	„	300 „	do.	0	3	10	Brodrick, Baseley and Co.
†2894	„ Grey, Anti-corrosive, in 4 gallon tins	N.S.W.	400 „	do.	0	10	5	} Taubmans Pty. Ltd.
†2895	Thinners, Summer, for use with Item No. 2894	„	200 „	do.	0	6	0	
†2896	„ Winter, for use with Item No. 2894	„	144 „	do.	0	6	3	
†2897	Paint, Cold Water, any colour ordered, in kerosene tins, "Feathertop"	Vict.	200 cwt.	cwt.	1	4	6	Edinburgh Varnish Works Pty. Ltd.
†2898	Paint, "Permalac," substitute for "Bon Accord," any colour ordered	„	6 gal.	gal.	1	1	0	Permalac Paint & Varnish Products
†2899	Compound, Anti-corrosive, in 1 gallon tins, "Apexior" or suitable alternative	..	120 „	do.	..	..	..	Nil
†2900	Compound, Anti-corrosive, for coating structural steel work, "Ruskilla," in 5-gallon departmental drums, delivered to Spotswood Storehouse	Vict.	600 „	do.	0	4	8	Hobson's Bay Dock & Engineering Co. Pty. Ltd.
2901	Nil.							

ROOFING FELT, ETC.

Roofing Felt.—The Roofing Felt shall consist of a felt foundation, thoroughly impregnated with Bitumen, and surface-dressed to prevent adjacent surfaces adhering.

The percentage by weight of Felt to Bitumen in the Roofing Felt shall lie within the range of 25 per cent. to 35 per cent. of Felt to 65 per cent. to 75 per cent. of Bitumen, irrespective of mineral matter.

On incineration of the Roofing Felt the mineral matter remaining shall not exceed 20 per cent. by weight of the original weight of the materials incinerated.

Asphalt Saturated Felt for Undercourses.—The Asphalt Saturated Felt shall consist of felt thoroughly and uniformly impregnated with Bitumen of the quality described under Flux for Roofing Pitch.

On incineration the mineral residue shall not exceed 5 per cent. of the weight of the original weight of the material incinerated.

The weight of the Asphalt Saturated Felt shall be not less than two and one-half (2½) oz. per square foot.

Roofing Pitch.—The Roofing Pitch shall consist of Bitumen containing not more than 2 per cent. of mineral matter, and shall be of such a composition that on extraction with acetone not less than 60 per cent. shall be soluble therein, and the melting point shall not be less than 200 degs. Fahrenheit.

Twenty grammes of the pitch shall be placed in an oven maintained at 163 degs. Centigrade for seven hours, when the percentage loss shall not exceed 2 per cent.

The Roofing Pitch shall be subjected to ductility and viscosity tests in specially designed apparatus in the possession of the Corporation.

The Bituminous Paint for use on Roofing Felt shall consist of Bitumen thinned with mineral turpentine.

The Bitumen shall have a melting point of not less than 200 degs. Fahrenheit and shall contain not more than 2 per cent. of mineral matter.

The rates for Items 2905A and 2905B are firm as regards T.T. Exchange and conversion.

†2902	Roofing, Felt, bituminous sheeting, 3-ply, 36" wide, in rolls of 72', with tacks and cement for fixing. "Bitumenoid"	Vic. & N.S.W.	120 rolls	roll	1	10	7	} Maxwell, Porter and Son Ltd.
†2903	Bitumen Roofing Felt (asphalt saturated Felt), 1 ply, 36" wide x 72'. "Bitumenoid"	„	40 „	do.	1	1	3	
†2904	Pitch, roofing, in barrels .. .. .	..	40 cwt.	cwt.	..	..	..	Nil
†2905	Plastic Cement, in approx. 10-lb. Containers, black, "Durascal"	N.S.W.	} 896 lb.	lb.	0	0	8	John Danks & Son Pty. Ltd.
†2905A	„ „ in approx. 12-lb. tins, white, "Hydorseal"	U.S.A.		tin	0	18	6	} J. Murray More Pty. Ltd.
†2905B	„ „ in approx. 13-lb. tins, buff, "Hydorseal"	„		do.	0	16	6	

LIME AND LIMESTONE, ETC.

The Lime shall be fresh and properly burnt, and of approved quality, and delivered in standard bags, and such bags (subject to such collar as shall be necessary to admit of the mouth of any bag being properly and securely tied) shall be filled to their full capacity.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
†2906	Lime, "Kawa," in standard bags, in trucks at Kawarren	Vict.	1,000 bags	bag	£ 0 3 0	Alkemade Bros.
†2907	" for Pintsch Gas purification, in standard bags, in trucks at Spencer-street	"	500 "	do.	0 3 10	
†2908 2909 to 2912	Limestone, Marble, pure, in trucks at Lilydale Nil	"	160 tons	ton	0 14 6	David Mitchell Estate

FOUNDRY MATERIAL.

**As regards Items Nos. 2914-2916, and 2923-2926, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

The rates for Items Nos. 2923-4 are firm as regards conversion.

†2913	Blacking, Moulders'	Vict.	100 cwt.	cwt.	0 7 3	Proud Bros. Pty. Ltd.
†2914	Crucibles, "Morgan's D.66"	U.K.	200	each	**2 15 0	H. B. Selby & Co. Pty. Ltd.
†2915	Crucibles, T.P. 191—Drawing No. 2639/15 for "Morgan's" Tilting-Furnace	"	12	do.	**6 10 0	
2916	Pedestals for Crucibles (Item No. 2915)	"	2	do.	**1 5 0	Gilbert Lodge & Co. Ltd.
†2917	Facing, white, "J. Cumming & Sons"	N.S.W.	200 cwt.	cwt.	0 7 4½	
†2918	Furnace Lining, "Silacene," or suitable alternative	"	30 "	do.	..	Nil
†2919	Graphite, Pure Flake, in 5-lb. tins, "H.H.H."	Germany and Vic.	250 lb.	lb.	0 1 2	H. Hill, Harris Pty. Ltd.
2920	Graphite, Compound, "H.H.H." in 1 lb. tins, for Rolling-stock Branch	Vict.	800 lb.	do.	0 1 3	
†2920A	Graphite, Compound, "Bestobell," in 1 lb. or 5 lb. tins as ordered, for Electrical Branch	N.S.W.		do.	0 1 7	Bell's Asbestos Aust. Agency Ltd.
†2921	Plumbago, fine, "J. Cumming & Son"	"	120 cwt.	cwt.	0 17 10½	Gilbert Lodge & Co. Ltd.
†2922	Iron Cement, "Agnews Fine 1c" (Smooth on) in 7 lb. tins	Vict.	200 lb.	lb.	0 0 10½	
†2922A	Iron Cement, "Agnews Fine 1c" (Smooth on) in paper bags	"	200 lb.	do.	0 0 9	W. A. L. Agnew & Co.
Wire Wax—						
†2923	No. 3, ½"	Germany	200 lb.	do.	**0 1 10	McPherson's Pty. Ltd.
†2924	No. 4, ⅜"	"		do.	**0 1 10	
†2925	No. 6, ½"	U.K.		do.	**0 1 10	Wm. Adams & Co. Ltd.
†2926	No. 8, ⅜"	"		do.	**0 1 10	
2927 to 2936	Nil.					

PLATERS' MATERIAL.

As regards Items Nos. 2937 to 2941 the Anodes shall consist of 99 per cent. nickel and shall be free from copper and zinc.

**As regards Items 2943 to 2947, 2956 to 2959, 2960 and 2961 the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

Anodes, Cast Nickel, 99 per cent.—						
2937	18"	..	140 lb.	lb.	..	Nil
2938	24"	..	80 "	do.	..	
Anodes, Rolled Nickel, 99 per cent.—						
2939	18"	..	80 "	do.	..	A. G. Healing Ltd.
2940	20"	..	36 "	do.	..	
2941	24"	..	80 "	do.	..	
*2942	Brushes, Scratch, 553F, Canning & Co.	U.K.	30	each	**0 4 3	
*2943	" " Steel Wire Circular, S.318 Canning & Co.	"	4	do.	**0 5 6	
†2944	Compo, White, in tins of approx. 30 oz., Canning & Co.	"	200 tins	tin	**0 1 10½	
†2945	Crocus, Compo, No. 2, Canning & Co.	"	90 lb.	lb.	**0 0 7	
*2946	Felt Bobs, 1½" thick, 6" diam., Canning & Co.	"	4 "	do.	**0 7 6	
*2947	" 1½" thick, 9" diameter "	"	4 "	do.	**0 7 6	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
PLATERS' MATERIAL—continued.						
†2948	Lacquer, Colourless, Celluloid, in 1-gallon sealed tins	..	18 tins	tin	..	} Nil
†2949	„ Thinner, in 1-gallon sealed tins	..	24 „	do.	..	
†2950	Lacquer, Clear, Cellulose, in 1-quart sealed tins	..	Nil	tin	..	} Nil
†2951	„ Clear, Cellulose, Thinner, in 1-quart sealed tins	..	„	do.	..	
†2952	Mops, Calico, Grey, 9" x 50", A. G. Healing	Vict.	100	each	0 3 6	A. G. Healing Ltd.
†2953	„ „ White, 12" x 105", with leather binding washers	„	40	do.	0 9 7	A. L. Campbell & Co. Pty. Ltd.
†2954	„ „ „ 9" x 100", with leather binding washers	..	..	..	..	} Nil
2955	Potassium, Cyanide, 100 per cent., in 1-cwt. cases	..	224 lb.	lb.	..	
†2955A	Pumice Dust, Superfine .. .. .	..	3 cwt.	cwt.	..	Nil
†2955B	„ „ No. 3	Vic.	30 „	do.	0 12 6	S. N. Rodda Pty. Ltd.
†2955C	„ „ No. 1 .. .. .	..	1 „	do.	..	Nil
†2956	Rouge, Compo, AZ, Canning & Co. ..	U.K.	18 lb.	do.	**0 3 1	} A. G. Healing Ltd.
†2957	Salts, Nickel, best, double, Canning & Co. ..	„	160 „	do.	**0 0 11½	
†2958	„ Nickel, best, single, Canning & Co. ..	„	80 „	do.	**0 0 11½	} Nil
*2959	Swabs, Potash .. .. .	..	12	each	**0 1 7	
†2959A	Swansdown, 30-in. wide .. .. .	..	10 l. yds.	l. yds.	..	Nil
*2960	Tape, Emery, 1", in pieces of 36 yards each, J. Oakey	U.K.	60 doz.	doz.	**0 4 6	} A. G. Healing Ltd.
2961	„ „ 1½", in pieces of 36 yards each, J. Oakey	„	6 doz. yds.	do.	**0 6 6	
†2962	Tripoli, Compo, Lustre, "Camant" ..	Vict.	1,200 lb.	lb.	0 0 5	A. L. Campbell & Co. Pty. Ltd.
2963 to 2976	Nil.					

DRAPERY, ETC., No. 2.

** As regards Items Nos. 2981-2986, 2993A, 2994A, 2995A, 2997, 2998, 3004, 3009, 3012-3018, 3023-3028 and 3032-3037, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

The rate for Item No. 3007 is firm as regards Exchange and/or conversion.

As regards Items Nos. 2985 to 2987, the Sponge Cloths shall be whipped and folded and tied in bundles of 72's. They shall be of the following sizes and approximate weights:—

Item No. 2985—22 inches x 18 inches .. .. .	..	..	14 lb. per gross
Item No. 2986—24 inches x 24 inches .. .. .	..	..	17½ „
Item No. 2987—28 inches x 28 inches .. .. .	..	..	25 „

As regards Items 2993-2995 orders are to be placed for the Australian made material unless the Chief Mechanical Engineer certifies that it is unsatisfactory—four weeks to be allowed for delivery. Minimum quantity to be ordered 50 yards. Fourteen weeks to be allowed for delivery of Crockett's Duck.

The Corporation undertakes to order during the contract period the quantities shown opposite Items Nos. 3015 and 3016, sufficient time to be allowed for delivery to meet initial orders.

As regards Items Nos. 2985 and 2986, the rates include Duty at 45 per cent., and Primage 10 per cent. Any adjustment to be made in accord with Clause 7 of Conditions of Contract.

†2977	Blanketing, Dark Grey, in rolls	Vict.	4,480 lb.	lb.	0 2 0	Penal and Gaols Dept.
*2978	Buttons, Metal, black, large	„	1,000 gross	gross	0 4 0	} Stokes & Sons Pty. Ltd.
†2979	Buttons, Steel, Clinch, black, 1½", without washers	„	100 „	do.	0 4 0	
†2980	Nil					
†2981	Calico, Unbleached, 72" wide, A4	U.K.	2,000 l. yds.	l. yd.	**0 1 6	Evan Evans Pty. Ltd.
†2982	Calico, Signwriters', 36" wide	„	2,250 „	do.	**0 0 5½	Hicks Atkinson & Sons Pty. Ltd.
†2983	Calico, White, 36" wide	„	1,400 „	do.	**0 0 7	The Gair Manufacturing Co. Pty. Ltd.
2984	Nil					
†2985	Cloths, Sponge, 22" x 18" } W. C. Jones Ltd.,	U.K.	800 gross	gross	**1 1 0	} Gilbert Lodge & Co. Ltd.
†2986	„ „ 24" x 24" } Manchester	..	200 „	do.	**1 6 3	
†2987	„ „ 28" x 28"	N.S.W.	400 „	do.	2 2 6	
					less 2½ per cent., 30 days	Manchester Dyeing & Bleaching Co.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
DRAPERY, ETC., No. 2—continued.						
2988	Cord, Blind, White— 2 lb.	Vict.	12 dozen yards	gross yards	0 6 8	Briscoe & Co. Ltd.
†2989	2½ lb.	"	100 "	do.	0 7 6	
2990	3 lb.	"	60 "	do.	0 8 6	
†2991	Cord for Holland Blinds, Green	Vict.	576 dozen yards	dozen yards	0 0 8½	Evan Evans Pty. Ltd.
†2992	Cotton, in reels of 400 yards, white or black any Nos ordered	N.S.W.	36 dozen reels	dozen reels	0 4 8½	Bryce & Duncan Pty. Ltd.
†2993	Duck, Japanned, 1st quality, in pieces of 12 yards— Claret, 50" wide, "G.P." qual., "Fabrex"	Vict.	} 2,000 l. yds.	{ 1. yd.	0 6 6	Leathercloth Pty. Ltd.
†2993A	Claret, 50" wide, "Crockett's"	U.K.		{ do.	**0 8 10	L. Neundorf
†2994	Green, 50" wide, "G.P." qual., "Fabrex"	Vict.	} 2,000 "	{ do.	0 6 6	Leathercloth Pty. Ltd.
†2994A	Green, 50" wide, "Crockett's"	U.K.		{ do.	**0 8 9	L. Neundorf
†2995	Black, 50" wide, "G.P." qual., "Fabrex"	Vict.	} 480 "	{ do.	0 6 6	Leathercloth Pty. Ltd.
†2995A	" " " " " " " " " " " "	U.K.		{ do.	**0 8 9	L. Neundorf
†2996	Duck, Linen, White, 72" wide	"	Nil			
†2997	Elastic, White, Cotton— ¾"	U.K.	200 yards	gross yards	**0 18 0	Myer Emporium Ltd.
†2998	¾"	"	48 "	dozen yards	**0 6 9	Hicks, Atkinson & Sons Pty. Ltd.
†2999	Felt in sheets— ¼" thick	N.S.W.	100 lb.	lb.	0 6 0	
†3000	½" thick	"	100 "	do.	0 6 0	} Felt & Textiles of Australia Ltd.
†3001	¾" thick	"	100 "	do.	0 6 0	
†3002	Flannelette, 27", for floor cloths, No. 34.	"	3,000 l. yds.	l. yd.	.. .. .	Nil.
†3003	Nil	"				
†3004	Muslin, Butter, 36", for triple valves	U.K.	3,600 "	do.	**0 0 2½	Hicks, Atkinson & Sons Pty. Ltd.
†3005	Silk, Sewing Machine, in 1-oz. reels, any Nos. and colours ordered	"	4 lb.	lb.	.. .. .	Nil
†3006	Skins, Chamois, 21" x 22" "Kodol"	Vict.	480	each	0 3 0	S. Robertson Pty. Ltd.
†3007	Sponge, Large, Carriage, perfectly dry, free from sand and all impurities, 75% sample 3A & 25% sample 4A	Foreign & Vict.	400 lb.	do.	0 2 5	Michaelis Hallenstein & Co. Pty. Ltd.
3008	Nil	"				
†3009	Tape, Cotton, Black, 1"	U.K.	200 doz. yds.	doz. yds.	**0 0 5½	Hicks, Atkinson & Sons Pty. Ltd.
†3010	Tape, Cotton, Red— No. 16, 9 yards per piece	"	96 dozen pieces	dozen pieces	.. .. .	} Nil
†3011	No. 24, 9 yards per piece	"	72 "	do.	.. .. .
†3011A	No. 32, 9 yards per piece	"	48 "	do.	.. .. .
†3012	Tape, Cotton, White, Indian, 9 mils thick, in reels of 1,000 yards— Width, ¾"	U.K.	200 gross yds.	gross yds.	**0 2 7	} Mica and Insulating Supplies Co.
†3013	Width, 1"	"	40 "	do.	**0 3 1	
†3014	Tape, Cotton, Egyptian, superfine, natural colour— Width ⅝" x 7 mils thick, in reels of 1,000 yards	U.K.	14 "	do.	**0 2 6	
†3015	Width ¾" x 7 mils thick, in reels of 1,000 yards	"	28 "	do.	**0 2 9½	} British General Electric Co. Ltd.
†3016	Width ¾" x 7 mils thick, in reels of 72 yards	"	1,200 "	do.	**0 2 8½	
†3017	Width 1" x 7 mils thick, in reels of 1,000 yards	"	14 "	do.	**0 3 8½	} Mica and Insulating Supplies Co.
†3018	Tape, Cotton, Indian Grey, natural colour— Width 1" x 9 mils thick, in reels of 72 yards	"	14 "	do.	**0 3 1	
†3019	Tape, Linen, White, 10 mils thick, in coils of 144 yards— Width ¾"	"	8 "	do.	.. .. .	} Nil
*†3020	Width ⅝"	"	20 "	do.	.. .. .
†3021	Width ¾"	"	8 "	do.	.. .. .
†3022	Width 1"	"	7 "	do.	.. .. .

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
DRAPERY, ETC., No. 2—continued.								
	Thread, Machine, in 2-oz. reels, any colours ordered—"W. & J. Knox Ltd."							
3023	No. 12	U.K.	700 reels	reel	**0	1	2 $\frac{3}{4}$	Frank & Bryce Ltd.
3024	No. 18	"	200 "	do.	**0	1	4 $\frac{1}{4}$	
3025	No. 20	"	300 "	do.	**0	1	5	
3026	No. 30	"	200 "	do.	**0	1	8 $\frac{1}{2}$	
3027	No. 40 (in 1 oz. reels)	"	100 "	do.	**0	0	11 $\frac{1}{4}$	
3028	No. 50 (in 1 oz. reels)	"	400 "	do.	**0	1	0	
3029	Nil							
3030	Wadding, Cotton, sheet, large size, unbleached, approx. 2' 6" wide x 12 yards long	Vict.	400 dozen sheets	roll of dozen yards	0	2	10 $\frac{1}{2}$	Hicks Atkinson & Sons Pty. Ltd.
3031	Webbing, Brown, up to 2 $\frac{1}{2}$ ", as ordered	..	2,000 yards	100 yards	..	..	..	Nil
	Webbing, Cotton, Natural Colour, 20 mils thick, in 24 yard length coils—							
3032	Width $\frac{3}{4}$ "	U.K.	12 gross yards	gross yards	**0	3	6	Mica & Insulating Supplies Co.
3033	Width 1"	"	12 "	do.	**0	4	5	
3034	Width 1 $\frac{1}{4}$ "	"	12 "	do.	**0	5	3	
3035	Width 1 $\frac{3}{4}$ "	"	12 "	do.	**0	7	6	
	Webbing, Linen, Natural Colour, in 24 yard length coils—							
3036	Width, 1" x 20 mils thick, Sample "A"	..	40 "	do.	**	14	9	
3037	Width 1 $\frac{1}{2}$ " x 22 to 33 mils thick, Cotton	..	7 "	do.	**1	1	0	
3038	Webbing, White, Cotton, 1" (Upholsterers) ..	..	8,000 yards	100 yards	..	..	..	Item 3033 to be used
3039	Wool, Fingering	Vict.	300 lb.	lb.	0	3	6	Foy & Gibson Pty. Ltd., Woollen & Hosiery Mills

PAINTERS' AND GRAINERS' SUNDRIES.

** As regards Items 3040, 3051 to 3053, 3059, 3060, 3062, and 3063 the rates include Telegraphic Transfer Exchange between Australia and London at 25 $\frac{1}{2}$ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

Items 3040, 3059, 3060, 3062, and 3063 are firm as regards conversion.

* Items 3042 to 3048, 3050, 3054 to 3058, 3061 and 3066 are firm and include exchange and conversion.

3040	Aluminium Powder, best quality, in 1-lb. packets	Germany	224 lb.	lb.	**0	3	4	H. J. Corder Pty. Ltd.
3041	Beeswax	Vict.	2,400 "	do.	0	1	6	W. & G. Dean Pty. Ltd.
3042	Cutters, Glass, turret head, No. 1 ..	U.S.A.	144	each	*0	1	6	
	Dabs, Gilders', Bear Hair—							
3043	No. 2	U.K.	20	do.	*0	0	9	E. L. Yencken & Co. Pty. Ltd.
3044	No. 4	"	30	do.	*0	0	11	
3045	No. 6	"	20	do.	*0	1	1	
3046	No. 8	"	40	do.	*0	1	4	
3047	No. 10	"	20	do.	*0	2	9	
3048	No. 12	"	24	do.	*0	3	9	
3049	Filling, Patent	Vict.	224 lb.	lb.	0	0	3	
3050	Fitches, Hog Hair Lining, $\frac{1}{2}$ " to 1", as ordered	U.K.	24	each	*0	1	6	
3051	Knives, Palette, 6" blade, Tyzack's	12	do.	**0	1	6	James Walker
3052	" " 7" blade, Tyzack's ..	..	12	do.	**0	1	10
3053	" Putty, any sizes ordered, Tyzack's ..	..	100	do.	**0	1	7
3054	" Stopping, 6" blade, Perigo's ..	..	300	do.	*0	1	3
	Knives, Stripping—							
3055	1 $\frac{1}{2}$ " blade, Perigo's	U.K.	40	do.	*0	1	2	E. L. Yencken & Co. Pty. Ltd.
3056	2" blade x 5" long, Perigo's	"	200	do.	*0	1	3	
3057	3" blade x 5" long, Perigo's	"	200	do.	*0	1	9	
	Pencils, Sable, Writers' or Liners' Best Red—							
3058	Lark	24	do.	*0	0	5	W. & G. Dean Pty. Ltd.
3059	Crow	Germany	24	do.	**0	0	11	
3060	Duck .. .. .	..	20	do.	**0	1	10
3061	Goose	U.K.	20	do.	*0	1	6	E. L. Yencken & Co. Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
PAINTERS' AND GRAINERS' SUNDRIES—continued.						
Pencils, Sable, Writers' &c.— <i>continued.</i>						
†3062	Mid Swan	Germany	20	each	**0 6 6	} W. & G. Dean Pty. Ltd.
†3063	Large Swan	"	12	do.	**0 7 6	
†3064	} Nil					
†3065						
†3066	Pumice Stone	Italy	2 cwt.	cwt.	*2 0 0	E. L. Yencken & Co. Pty. Ltd.
†3067	Putty in Oil, in 28-lb. tins .. .. .	}	..	..	..	Nil
†3068	" " in drums					
†3069	Sortening Fluid, in pint tins					
†3070	Stones, rubbing	N.S.W.	800	each	..	Nil
†3071	Wood, plastic, in 1-lb. tins, "Necol Patent No. 15975/1928"					
†3071A	Putty, water, "C.P.," loose, packed in strong paper bags	Vict.	100 lb.	do.	0 2 4 Less 2½ % 30 days	British Australian Lead Manufacturers Pty. Ltd. W. A. L. Agnew & Co.
3072	Nil					

GLASS.

The Glass is to be cut to any size and template ordered (polishing and drilling excluded). All circular cuts shall be allowed square measurement.

The Trimidical Glass under Item No. 3112 shall be so cut that when it is placed in position the base of the triangle in pattern shall be horizontal.

** As regards Items 3077 to 3082, 3089, 3110A to 3112 the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 40 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

* The rates for Items 3073 and 3110 are firm as regards T.T. Exchange and Conversion.

Names of Manufacturers—

Items 3079-3082, 3086, 3087, and 3089—Pilkington Bros.

Items 3083-3085, 3088, 3090-3107—Australian Window Glass Pty. Ltd.

Glass—						
†3073	Amber, Plain, any shades ordered	Germany	60 sq. ft.	sq. ft.	*0 1 0	} E. L. Yencken & Co. Pty. Ltd.
†3074	Arctic, White, Kosciusko	N.S.W.	100 "	do.	0 0 10	
†3075	" Coloured	"	100 "	do.	0 1 1	} W. & G. Dean Pty. Ltd.
†3075A	Euston, white	"	200 "	do.	0 0 10	
†3076	Flemish, white	"	300 "	do.	0 0 10	} E. L. Yencken & Co. Pty. Ltd.
†3076A	" other colour than white	"	"	do.	0 1 2	
†3077	Opal, 16 oz.	U.K.	4 "	do.	**0 1 0	} Brooks, Robinson Pty. Ltd.
†3078	" 21 oz.	"	4 "	do.	**0 1 4	
Plate, Polished, level, clear and free from blemish, as ordered—						
3079	⅜"	"	2,000 "	do.	**0 2 9	} Brooks, Robinson Pty. Ltd.
3080	⅜", square feet, 0 to 10	"	3,200 "	do.	**0 2 8	
3081	⅜", square feet, 0 to 10	"	4,800 "	do.	**0 2 4	
3082	⅜"	"	50 "	do.	**0 2 4	
Plate, Rolled, ribbed—						
3083	⅜"	N.S.W.	1,000 "	do.	0 0 9½	} W. & G. Dean, Pty. Ltd.
3084	⅜" Mill rolled	"	2,000 "	do.	0 0 10	
3085	⅜"	"	1,200 "	do.	0 0 10	
3086	Plate, Silvered, ¼" bevelled up to 1", as ordered	Vict. & U.K.	100 "	do.	0 4 6	} Brooks, Robinson Pty. Ltd.
3087	" " ⅝" bevelled up to 1", as ordered	"	500 "	do.	0 4 6	
†3088	" Wire cast	N.S.W.	1,200 "	do.	0 1 2½	} Brooks, Robinson Pty. Ltd.
†3089	" Wire rolled	U.K.	1,200 "	do.	**0 1 4½	
3090	Sheet, 16 oz., United inches, 0 to 40	N.S.W.	800 "	do.	0 0 3½	} E. L. Yencken & Co. Pty. Ltd.
3091	" 16 oz., " over 40 to 50	"	200 "	do.	0 0 4	
3092	" 21 oz., " 0 to 40	"	6,000 "	do.	0 0 5½	
3093	" " " over 40 to 50	"	6,000 "	do.	0 0 5½	
3094	" " " " 50 to 70	"	4,000 "	do.	0 0 6	
3095	" " " " 70 to 80	"	5,000 "	do.	0 0 6½	} E. L. Yencken & Co. Pty. Ltd.
3096	" " " " 80 to 90	"	1,000 "	do.	0 0 6½	
3097	" " " " 90 to 100	"	500 "	do.	0 0 7	
Sheet, Glass, 21 oz.—						
3098	12" x 10"	"	400 sheets	sheet	0 0 4½	} W. & G. Dean, Pty. Ltd.
3099	16" x 12"	"	500 "	do.	0 0 6	
3100	16" x 14"	"	300 "	do.	0 0 6	
3101	18" x 12"	"	400 "	do.	0 0 6	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
GLASS.—continued.						
Glass—continued.						
3102	Sheet, 26 oz., United inches, 0 to 40 ..	N.S.W.	30,000 sq. ft.	sq. ft.	0 0 6½	Brooks, Robinson Pty. Ltd.
3103	" " " over 40 to 50 ..	"	20,000 "	do.	0 0 6¾	
3104	" " " " 50 to 70 ..	"	1,200 "	do.	0 0 7¼	
3105	" " " " 70 to 80 ..	"	300 "	do.	0 0 7½	
3106	" " " " 80 to 90 ..	"	60 "	do.	0 0 8	E. L. Yencken & Co. Pty. Ltd.
3107	" " " " 90 to 100 ..	"	200 "	do.	0 0 8½	
3108	" Ground, 21 oz. ..	"	400 "	do.	0 0 9¼	
3109	" " 26 oz. ..	"	2,000 "	do.	0 0 11	
†3110	" Signal green, 16 oz. ..	Germany	200 "	do.	*0 1 10	Brooks, Robinson Pty. Ltd.
†3110A	" " 21 oz. ..	U.K.	200 "	do.	**0 4 0	
†3111	" " red, 16 oz. ..	"	400 "	do.	**0 1 2	
†3111A	" " " 21 oz. ..	"	400 "	do.	**0 1 6	
†3112	Trimical ..	"	2,000 "	do.	**0 1 1	
3113 to 3115	Nil.					

GRINDSTONES AND ABRASIVE WHEELS.

All Abrasive Wheels with bores up to 2 inches in diameter shall be lead bushed, and shall bear a label showing particulars as to class, grit, grade, &c.

The Corporation is under obligation to allow sixteen weeks for delivery after receipt of order for Abrasive Wheels, and orders should as far as possible cover a number of Wheels of different items. Wheels that have to be manufactured will take 24 weeks for delivery

The Contractor expects to be able to supply some of the items from stock, and to this extent they will be so delivered and invoiced at Contract rates.

Any Wheels required for urgent or special use may be obtained outside the Contract if the Contractor is unable to supply *ex* stock, and such purchases will not be deemed an infringement of the Contract. These purchases should, however, be reduced to a minimum, and a certificate will require to be furnished in each of these cases as to why the order is not being placed under the Contract.

**As regards Items Nos. 3122 to 3128, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if on date of delivery this rate of Exchange is more or less than the rate ruling on the date of tender, the difference calculated on 60 per cent. of the Contract rate shall be to the Corporation's account.

3116	Discs, Besley, 7/16" thick, 22" x 8"— For Grinding Steel	32	each	..	} Nil
3117	For Grinding Brass ..	..	32	do.	..
Grindstones of approved grit, soft, medium, or hard, as ordered—						
3118	4" thick x 24" diameter, "Saunders" ..	N.S.W.	8	do.	0 19 0	} McPherson's Pty. Ltd. Hardware Co. of Aust. Pty. Ltd. Nil
3119	5" thick x 30" diameter ..	"	2	do.	2 3 6	
3120	7" thick x 48" diameter ..	"	6	do.	7 14 6	
3121	12" thick x 84" diameter ..	"	4	do.	..	
Percentage off Price List submitted with tender and current during contract period.						
Wheels, Abrasive, as shown in price list, excepting as provided for under Item No. 3128—"Universal Grinding Wheel Co."—						
3122	"Bauxilite" (Aluminous Oxide), 180 grit and coarser	U.K.	} £2,000	..	** — 35%	} John Danks & Son Pty. Ltd.
3123	"Bauxilite" (Aluminous Oxide), 220 grit and finer	"		..	** — 20%	
3124	"Uni-Carborundum" (Silicon Carbide), 180 grit and coarser	"		..	** — 20%	
3125	"Uni-Carborundum" (Silicon Carbide), 220 grit and finer	"		..	** — 12½%	
3126	"Elastic Bond" (Shellac Rubber), 180 grit and coarser	"		..	** — 15%	
3127	"Elastic Bond" (Shellac Rubber), 220 grit and finer	"		..	** — 5%	
3128	Wheels, Abrasive, "Carborundum Aloxite," 8" x 1¼" x ¾", Grit 24, Grade G, for grinding points and crossings	"	250	..	**1 3 0 less 35%	Eliza Tinsley Pty. Ltd.
3129 to 3329	Nil.					

BURNERS, LAMPWARE, MANTLES, ETC.

The wicks delivered under Items Nos. 3335 to 3338 must be true to size.

** As regards Item 3330 the rate is firm as regards conversion and includes Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 40 per cent. of the contract rate shall be paid to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

* Item No. 3333. Rate is firm as regards conversion and Exchange.

† As regards Items 3344, 3345, 3347, 3348, and 3352 the rates include cost of casing and packing and delivery f.o.b. Sydney. Materials are to be consigned to the Government of Victoria (The Victorian Railways Commissioners), Melbourne. Materials are not to be insured; this Department will carry the risk of F.P.A. and War Risk. The Bills of Lading should be forwarded to the Comptroller of Stores, Victorian Railways, Melbourne, in sufficient time to enable clearance to be effected. The Shipping Clerk is to be furnished with copies of orders. Breakage in transit to Corporation's account.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
†3330	Burners— Kerosene, Cosmo, No. 14	Germany	24 doz.	dozen	**1 4 3	Falk, Stadelmann, & Co. Ltd.
†3331	„ 1", "Victor No. 2," or any alternative	..	60 „	do.	..	Nil
†3332	Lamps, Paint, burning off, 1 pint .. ..	..	40	each	..	Nil
3333	Prickers, for Primus Burners, in packets of 3 No.	Sweden	20 doz.	dozen	*0 1 2	McPherson's Pty. Ltd.
†3334	Wick, Ball, Lamp, 7 ply, No. 200 C.B. ..	Vict.	12 cwt.	lb.	0 1 9	Downs & Son Pty. Ltd.
†3335	Wick, Cosmo, 8" long, No. 14 .. ..	..	60 doz.	dozen	..	..
	Wick, Cotton, Kerosene, 8" long—					
3336	¼" .. ..	..	4,000 „	do.	..	Nil
† 3337	¾" .. ..	..	500 „	do.	..	..
3338	1½" .. ..	..	40 „	do.	..	..
	LAMP GLASSES, ETC.					
	Chimneys—					
*3339	Cosmo Lamp, No. 14	Vict.	48 doz.	dozen	0 7 6	Thos. Mitchell & Co. Pty. Ltd.
*3340	„ „ Short	„	240 „	do.	0 8 1	..
*3341	Lamp, large slip	„	800 „	do.	0 7 4	Dott & Co. Pty. Ltd.
*3342	Roof Lamp	„	80 „	do.	0 4 10	..
*3343	Adlake Lamp "A"	„	288 „	do.	0 5 10	..
	Glasses, Lamp—					
* 3344	Bent, Green, 4½" diameter	U.K. & N.S.W.	200 „	do.	†0 9 6	J. C. Goodwin & Co. Ltd.
3345	„ „ 5½" diameter .. ..	..	20 „	do.	†0 10 6	..
3346	„ Lux Lamp	Vict.	40 „	do.	3 0 0	Brooks, Robinson Pty. Ltd.
*3347	„ Ruby, 4½" diameter	U.K. & N.S.W.	200 „	do.	†0 9 6	J. C. Goodwin & Co. Ltd.
*3318	„ „ 5½" diameter .. ..	..	80 „	do.	†0 10 6	..
*3349	Bottom, for Roof Lamps	Vict.	40 „	do.	2 6 10	Dott & Co. Pty. Ltd.
	Front, for Hand Signal Lamps—					
3350	Clear Circles, 5" diameter	U.K. & Vict.	120 „	do.	0 8 0	Brooks, Robinson Pty. Ltd.
* 3351	„ „ 5½" diameter .. ..	..	40 „	do.	0 8 6	..
*3352	Gate, Ruby, 6"	U.K. & N.S.W.	20 „	do.	†0 12 6	J. C. Goodwin & Co. Ltd.
*3353	Hurricane, Ruby	Vict.	20 „	do.	1 4 0	Thos. Mitchell & Co. Pty. Ltd.
*3354	„ White .. ..	..	4 „	do.	0 7 10	..
	Globes—					
3355	Pintsch Gas, 6", clear .. ..	..	16 „	do.	1 0 0	..
3356	„ „ 6", frosted .. ..	..	120 „	do.	1 2 5	..
* 3357	„ „ 8", clear .. ..	..	30 „	do.	1 14 5	Dott & Co. Pty. Ltd.
3358	„ „ 8", frosted .. ..	..	144 „	do.	1 16 4	..
3359	„ „ 10", clear .. ..	..	16 „	do.	2 1 0	..
3360	„ „ 10", frosted .. ..	..	16 „	do.	2 3 6	..
*3361	Bland, large .. ..	..	60 „	do.	0 6 10	..

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
BURNERS, LAMPWARE, MANTLES, ETC.— <i>continued.</i>						
	Lenses—					
*3362	Ruby, 4" .. .. .	..	20 "	do.	..	} Nil
3363	Clear, 2" .. .. .	..	24 "	do.	..	
*3363 A	" 3" .. .. .	..	36 "	do.	..	
3364	" 4" .. .. .	..	24 "	do.	..	
3365	" 6" .. .. .	..	12 "	do.	..	
3366 to 3386	} Nil.					

NUTS, RIVETS, AND SPIKES, ETC.

SPECIFICATION.

The screw threads of all nuts shall be in accordance with B.S. Specification No. 92-1919.
 The nuts shown opposite Items Nos. 3389 to 3411 (inclusive), 3418 to 3424 (inclusive), and 3428 to 3432 (inclusive), shall be in accordance with B.S. Specification No. 190-1924.
 The square nuts shown opposite Item No. 3415 shall be in accordance with that shown for hexagon nuts, in regard to the width across the flats and the height, and to the quality of steel, in B.S.S. No. 190/1924.
 The hexagon portion of the nuts shown opposite the Items Nos. 3433, 3434, and 3435 shall be in accordance with Table II. from B.S.S. No. 28/1908.
 The castellated portion, the slots of the nuts, and the quality of the steel under these three items shall be in accordance with B.S.S. No. 190/1924.
 The dimensions of the Brass Nuts shown opposite Items Nos. 3418 to 3424 (inclusive) shall be in accordance with B.S.S. No. 190-1924.

* Rate firm as regards exchange.

NUTS.						
Nuts, Bright, Steel, Hexagon, Pressed and Finished, British Standard—						
† 3387	5/32" thick	} Nil
3388	3/16" "	..	..	..	..
3389	1/4" "	..	N.S.W.	40 gross	gross 0 3 8	
3390	5/16" "	..	..	4 "	do. 0 4 3
3391	3/8" "	..	..	40 "	do. 0 5 9
3392	1/2" "	..	..	4 "	do. 0 7 4
3393	5/8" "	..	..	40 "	do. 0 8 4
3394	3/4" "	..	..	100 "	do. 0 13 7
3395	7/8" "	..	..	60 "	do. 1 0 11
3396	1" "	..	..	40 "	do. 1 9 10
3397	1 1/8" "	..	..	40 "	do. 1 19 8
3398	1 1/4" "	..	..	8 "	do. 2 17 6
3399	1 1/2" "	..	..	8 "	do. 3 15 0
3400	1 3/4" "	..	..	2 "	do. 5 5 0
3401	1 7/8" "	..	..	2 "	do. 6 15 0
3402	Lock (thin)	..	..	20 "	do. 0 3 8
3403	" "	..	..	6 "	do. 0 5 3
3404	" "	..	..	6 "	do. 0 7 10
3405	" "	..	..	4 "	do. 0 12 6
3406	" "	..	..	12 "	do. 0 18 10
3407	" "	..	..	6 "	do. 1 6 2
3408	1" "	..	..	12 "	do. 1 14 6
3409	1 1/8" "	..	..	12 "	do. 2 8 2
3410	1 1/4" "	..	U.K.	2 "	do. *4 0 0	
3411	1 3/8" "	..	..	2 "	do. *5 2 0
Nuts, Bright, Steel, Square, Pressed—						
3412	1/4"	Vict.	6 gross	gross 0 0 10	} Nil
† 3413	5/32" .. .. .	..	..	2 "	do. 0 0 10
3414	3/16" .. .. .	..	..	12 "	do. 0 1 0
3415	1/4" .. .. .	..	..	8 "	do. 0 1 3
Nuts, Brass, Hexagon, Thick, Pressed—						
3416	3/8"	12 gross	gross ..	} Nil
† 3417	1/2" .. .. .	..	..	50 "	do. ..
3418	3/4" .. .. .	..	..	36 "	do. ..
3419	1" .. .. .	..	..	4 "	do. ..
3420	1 1/8" .. .. .	..	..	4 "	do. ..
3421	1 1/4" .. .. .	..	..	4 "	do. ..
3422	1 1/2" .. .. .	..	..	4 "	do. ..
3423	1 3/4" .. .. .	..	..	4 "	do. ..
3424	2" .. .. .	..	..	4 "	do. ..

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
NUTS, RIVETS, AND SPIKES, ETC.—continued.						
3425	Nuts, Brass, Butterfly, $\frac{1}{4}$ "	Vict.	12 doz.	dozen	0 1 6	} McPherson's Pty. Ltd.
3426	" " " " $\frac{3}{8}$ "	"	4 doz.	do.	0 2 11	
3427	Nil.					
3428	Nuts, Bright, Steel, Castle, Hexagon, Finished—					} McPherson's Pty. Ltd.
3429	$\frac{1}{8}$ "	N.S.W.	6 gross	gross	0 17 8	
3430	$\frac{1}{4}$ "	"	4 "	do.	1 8 8	
3431	$\frac{3}{8}$ "	"	4 "	do.	1 19 8	
3432	$\frac{1}{2}$ "	"	2 "	do.	2 15 0	
3433	1 "	"	2 "	do.	3 17 0	
3434	Nuts, Black, Steel, Castle, 1 "	Vict.	4 "	do.	4 0 0	} Chief Mechanical Engineer
3435	Nuts, Black, Steel, Slotted, Hexagon, $\frac{3}{4}$ "	"	4 "	do.	1 13 6	
3436	" " " " $\frac{7}{8}$ "	"	4 "	do.	2 2 3	
3436	Rivets, Copper, with or without burrs, any sizes, as ordered		600 lb.	lb.	..	Nil
3437	" " bifurcated, No. 9, in boxes of approx. 9 dozen	U.K.	8 boxes	box	*0 0 6	Briscoe & Co. Ltd.
3438	" Iron, tinned, any sizes ordered		2,000 lb.	lb.	..	Nil

SPIKES, MILD STEEL.

The Mild Steel Spikes will be ordered as far as practicable in 1 cwt. or more lots and shall be supplied in sound bags each 1 cwt. when filled.

As regards Items Nos. 3439-3441, delivery will be given loaded into trucks at Spencer-street or Spotswood General Store House, at Corporation's option.

*Rates firm as regards Exchange.

*3439	Shoes, pile	Vict.	80 No.	each	0 7 6	West Footscray Engineering Works Pty. Ltd.
	Spikes, Mild Steel, cuphead, round, chisel or diamond pointed as ordered to Blue Print 300/32—					
3440	4" long and over, and under 6"— $\frac{1}{2}$ " diameter	Vict.	80 cwt.	cwt.	1 0 0	} Melbourne Iron & Steel Mills Pty. Ltd.
3440A	6" long and over, and under 9"— $\frac{1}{2}$ " diameter	"	80 "	do.	1 0 0	
3440B	$\frac{3}{8}$ "	"	10 "	do.	1 0 0	
3440C	$\frac{1}{2}$ "	"	10 "	do.	1 0 0	
3440D	9" long and over, and under 12"— $\frac{1}{2}$ " diameter	"	40 "	do.	0 19 0	
3440E	$\frac{3}{8}$ "	"	20 "	do.	0 19 0	
3440F	$\frac{1}{2}$ "	"	20 "	do.	0 19 0	
3440G	$\frac{3}{4}$ "	"	40 "	do.	0 19 0	
3440H	12" long and over— $\frac{1}{2}$ " diameter	"	10 "	do.	0 19 0	
3440I	$\frac{3}{8}$ "	"	40 "	do.	0 19 0	
3440J	$\frac{1}{2}$ "	"	80 "	do.	0 19 0	
3441	Spikes, cuphead, round, drift, any sizes ordered	"	6 "	do.	0 17 0	
	Washers, Bright Steel, Finished, Round Plate—					} McPherson's Pty. Ltd.
3442	$\frac{3}{16}$ " round hole	U.K.	4 gross	gross	*0 0 11	
3443	$\frac{1}{4}$ "	"	80 "	do.	*0 1 0	
3444	$5/16$ "	"	12 "	do.	*0 1 4	
3445	$3/8$ "	"	40 "	do.	*0 1 6	
3446	$1/2$ "	"	20 "	do.	*0 2 8	
3447	$3/4$ "	"	2 "	do.	*0 8 6	
3448 to 3449	Nil.					

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	

PLUMBERS' MATERIAL.

(CAST IRON AND LEADWARE.)

CAST IRONWARE.

	Bends, Soil Pipe, $\frac{5}{16}$ " Metal, any angles ordered—					
3450	3"	Vict.	4	each	0 3 6	} J. & T. Muir Pty. Ltd.
3451	4"	"	4	do.	0 6 9	
	Branches, Soil Pipe, $\frac{5}{16}$ " Metal, looking up or down, any angles ordered—					
3452	3" x 2" (spigot ends to be 10" longer than standard size)	"	4	do.	0 8 0	
3453	3" x 3"	"	2	do.	0 7 0	
3454	4" x 3"	"	4	do.	0 7 9	
3455	4" x 4"	"	20	do.	0 7 9	
3456	} Nil.					
3457						
3458	Covers, Boundary Top, No. 197	Vict.	4	do.	0 2 3	
3459	" " " No. 198	"	2	do.	0 7 6	
3460	Fittings, No. 215, with straight or oval branch, as ordered	"	4	do.	0 8 6	
	Gratings, Galvanized—					
3461	No. 24A. $6\frac{3}{8}$ "	"	48	do.	0 1 0	
3462	No. 61, $6\frac{3}{8}$ "	"	48	do.	0 1 6	
3463	For Floor Traps	"	12	do.	0 0 9	
3464	} Nil.					
3465						
	Pieces, Extension, Closet—					
3466	4" diameter x 9"	Vict.	4	each	0 4 3	
3467	4" diameter x 12"	"	4	do.	0 4 6	
3468	} Nil.					
3478						
	Pipe, Soil, $\frac{5}{16}$ " Metal—					
3479	3" x 6' lengths	Vict.	4 lengths	length	0 9 9	
3480	4" x 3' lengths	"	14 "	do.	0 9 3	
3481	4" x 6' lengths	"	30 "	do.	0 12 6	
3482	4" x 9' lengths	"	4 "	do.	0 17 6	
3483	4" x 3' lengths, with inspection opening ..	"	4 "	do.	0 11 6	
3484	Nil.					
3485	Sockets, 4" diameter	Vict.	30	each	0 2 0	
3486	Tops, Adjustable, 2" out of 4" to 4" out of 4", as ordered	"	8	do.	0 8 0	
3487	Nil.					
3488	Tops, Gully, square, No. 24A	Vict.	8	do.	0 9 6	
3489	Nil.					
3490	Traps, Floor, 2", with grating, for cast pipe ..	Vict.	4	do.	0 6 3	
3491	" " " " wrought pipe	"	4	do.	0 8 3	
3492	Nil.					
3493	Traps, Silt, 6", with 4" outlet, with bucket and round or square grating (light), as ordered	Vict.	12	do.	1 12 0	
3494	" Urinal, 3", with spigot ends	"	6	do.	0 8 6	

LEADWARE, ETC.

3495	Cones, No. 8	Vict.	168	do.	0 0 3	} John Danks & Son Pty. Ltd. John Mellwraith & Co. Pty. Ltd.
3496	" No. 10	"	24	do.	0 0 5	
3497	Pipe, Lead, any sizes ordered	"	30 cwt.	cwt.	1 13 0	
3498	} Nil.					
3499						

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
PLUMBERS' MATERIAL—continued.								
LEADWARE, ETC.—continued.								
3500	Pipe Lead, Tin lined, heavy beer, any sizes ordered	Vict.	100 lbs.	lb.	0	0	9½	John Danks & Son Pty. Ltd.
3501	Traps, solid drawn, with wiped trap screws— P., 1½"	Vict.	16	each	0	2	5½	
3502	P., 2"	"	40	do.	0	3	5	
3503	S., 2"	"	8	do.	0	4	3	
3504 to 3514	Nil.							

PLUMBERS' GOODS (BRASSWARE).

The Stores supplied under items marked (M) shall be in accordance with the Melbourne and Metropolitan Board of Works' new standard, which is operative from 1st January, 1929, and shall be tested by the Melbourne and Metropolitan Board of Works, and shall bear that Board's test marks before delivery. Items marked (BE) shall be tested by the Bendigo Sewerage Authority, and shall bear that Authority's test marks before delivery. Items marked (BA) shall be tested by the Ballarat Sewerage Authority, and shall bear that Authority's test marks before delivery.

As regards Sewerage materials, the Stores supplied under items other than those marked (M), (BE), and (BA) shall be as approved by the Melbourne and Metropolitan Board of Works, Bendigo Sewerage Authority, and Ballarat Sewerage Authority respectively.

Brassware—								
Bends, plain, any angles ordered—								
3515	(M) 1½"	Vict.	12	each	0	1	3½	Galliers & Klaerr Pty. Ltd.
3516	(M) 1½"	"	16	do.	0	1	6	
3517	(M) 2"	"	16	do.	0	1	11	
Bends, with inspection opening, any angles ordered—								
3518	(M) 1½"	Vict.	12	do.	0	1	6	John McIlwraith & Co. Pty. Ltd.
3519	(M) 1½"	"	12	do.	0	1	9½	
3520	(M) 2"	"	80	do.	0	2	3	
3521	(BE) 2"	"	12	do.				
Bushes—								
3522	½" x ¾", gas threads	Vict.	20	do.	0	0	3½	John McIlwraith & Co. Pty. Ltd.
Caps and Linings—								
3523	(M) 1½", plain	Vict.	8	each	0	1	1½	Galliers & Klaerr Pty. Ltd.
3524	(BE) 1½"	"	4	do.				Nil
3525	(BA) 1½"	"	4	do.				Nil
3526	(M) 2", plain	Vict.	4	do.	0	1	3½	Galliers & Klaerr Pty. Ltd.
3527	(BE) 2"	"	4	do.				Nil
3528	(M) Cocks, Ball, Automatic, ½"	Vict.	24	each	0	14	6	Shanks & Co. Pty. Ltd.
Cocks, Ball, high or low pressure, as ordered—								
*3529	(M) ½", long levers, for cisterns	"	100	do.	0	4	5	J. Danks & Son Pty. Ltd.
*3530	(M) ½", standard tested	"	24	do.	0	6	6	
*3531	(M) 1", Croydon	"	2	do.	0	7	6	
Cocks, Ball—								
†3532	(M) ½", standard tested	Vict.	12	each	0	4	6	Galliers & Klaerr Pty. Ltd.
3533	(M) 1½", Lambert's pattern	"	4	do.	1	8	0	J. Danks & Son Pty. Ltd.
3534	(M) 2", Lambert's pattern	"	8	do.	1	15	0	
3535	(M) 3", Lambert's pattern	"	4	do.	3	7	0	
Cocks, Range, with brass keys and nuts—								
3536	½"	Vict.	30	each	0	1	9	McPherson's Pty. Ltd.
3537	¾"	"	400	do.	0	1	10	
Cocks, Mill, Brass—								
3538	(M) "A" design to Litho. No. L.884/11	Vict.	24	each	2	17	0	Davies Shephard Pty. Ltd.
Cocks, Ferruled, Stop, for Lead or Iron, as ordered—								
3539	(M) ¾"	Vict.	24	each	0	4	1	J. McIlwraith & Co. Pty. Ltd.
3540	(M) 1"	"	8	do.	0	7	0	
3541	(M) Over 1", as ordered	"	60 lb.	lb.	0	2	3	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.	
					£ s. d.		
PLUMBERS' GOODS (BRASSWARE)—continued:							
3542	Cocks, Fullway Gate,, H. P.— (M) ½"	Vict.	40	each	0 3 10	J. Danks & Son Pty. Ltd.	
3543	(M) ¾"	"	14	do.	0 4 4		
3544	(M) 1"	"	60	do.	0 5 6		
3545	(M) 1½"	"	8	do.	0 8 0		
3546	(M) 2"	"	8	do.	0 12 9		
†3547	(M) 3", brass, Fullway Gate valves	"	4	do.	1 15 6	W. Adams & Co. Ltd.	
†3548	Cocks, Stop, with Unions, H.P.— (M) ½"	Vict.	60	each	0 2 6	J. McIlwraith & Co. Pty. Ltd.	
3549	(BA) ½"	"	8	do.	0 3 2	J. Danks & Son Pty. Ltd.	
†3550	(M) Cocks, Toilet, Nickelplated, H.P., ½"	"	2	do.	0 4 9	J. McIlwraith & Co. Pty. Ltd.	
Cocks, Bib or Stop, Nickelplated, H.P., labelled Hot or Cold, as ordered, for Iron—							
†3551	(M) ½"	Vict.	4	each	0 3 7	J. Danks & Son Pty. Ltd.	
†3552	(M) ¾"	"	4	do.	0 5 2	J. McIlwraith & Co. Pty. Ltd.	
Cocks, Water, H.P., Bib or Stop, for Lead or Iron, as ordered—							
†3553	(M) ½"	Vict.	400	each	0 1 5½	J. Danks & Son Pty. Ltd.	
†3554	(M) ¾"	"	400	do.	0 3 0		
3555	(BA) ¾"	"	6	do.	0 4 0		
†3556	(M) 1"	"	12	do.	0 5 4		
†3557	(M) Over 1", as ordered	"	48 lb.	lb.	0 2 7		
Connexions, Lead to Iron—							
3558	(M) 1½"	Vict.	12	each	0 2 2	J. McIlwraith & Co. Pty. Ltd.	
3559	(M) 1½"	"	12	do.	0 2 10	Galliers & Klaerr Pty. Ltd.	
3560	(M) 2"	"	4	do.	0 3 7		
3561	(M) 3"	"	4	do.	..	Nil	
*3562	Couplings or Unions, any sizes and threads ordered	Vict.	224 lb.	lb.	0 2 11	J. Danks & Son Pty. Ltd.	
Directors, Water, with nozzle only—							
3563	" " " " " ½"	"	48	each	0 0 8½	J. Danks & Son Pty. Ltd.	
3564	" " " " " ¾"	"		do.	0 1 3		
3565	" " " " " 1"	"		do.	0 2 5		
*3566	" " Fire Brigade pattern, any sizes and threads ordered	"		4	lb.		..	Nil
*3567	Elbows, Brass, 1" brass threads	"	24	each	..	J. McIlwraith & Co. Pty. Ltd.	
Ferrules, Straight Union, for Lead or Iron, as ordered—							
3568	(M) ½"	Vict.	4	do.	0 1 2		
3569	(M) ¾"	"	12	do.	0 1 10		
3570	(M) 1"	"	4	do.	0 3 6		
3571	(M) Over 1", as ordered	"	20 lb.	lb.	0 2 7		
*3572	Gratings, Urinal, Brass	"	18	each	0 7 6		
Junctions, any angles ordered—							
3573	(M) 1½" x 1½", plain	"	4	do.	0 2 3	J. Danks & Son Pty. Ltd.	
3574	(M) 1½" x 1½", with inspection opening ..	"	2	do.	0 2 9		
Nipples—							
3575	½", Plain	Vict.	24	each	0 0 4	J. Danks & Son Pty. Ltd.	
3576	½", Hexagon	"	24	do.	0 0 5½		
3577	¾", Plain	"	6	do.	0 0 6		
3578	¾", Hexagon	"	6	do.	0 0 7		
Nuts, Rings and Tails, in sets—							
*3579	½"	"	48 sets	set	0 1 0	Galliers & Klaerr Pty. Ltd.	
*3580	¾"	"	80 "	do.	0 1 3		
*3581	1"	"	4 "	do.	0 1 8		
3582	(M) Pieces, Extension, 2" diameter, any lengths ordered	"	100 in.	inch	0 0 4		
3583	(M) Plugs and Washers, bath, fullway, 2", screwed	"	12	each	0 2 7	John McIlwraith & Co. Pty. Ltd.	
3584	Rings, Hose, ½"	"	4	do.	0 0 3	J. Danks & Son Pty. Ltd.	
3585	" " ¾"	"	48	do.	0 0 4		
3586	" " 1"	"	12	do.	0 0 9		
*3587	Spreaders, Urinal, Brass, ¾", brass threads ..	"	24	do.	0 1 7		
*3588	Tees, Brass, 1", brass threads	"	24	do.	0 1 3		

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
PLUMBERS' GOODS (BRASSWARE)—continued.						
*3589	Tees, Brass, Reducing, 1½" x 1", 1" gas thread and 1" brass thread	..	12	each	..	Nil
	Traps, with trap screw—					
3590	(M) P., 2"	Vict.	12	do.	0 4 8	} John McIlwraith & Co. Pty. Ltd.
3591	(M) S., 2"	"	4	do.	0 5 0	
3592	(M) P., 1½"	"	2	do.	0 2 9	
3593 to 3595	Nil					
*3596	Unions, Brass Barrel, 1", M. and F., brass threads	Vict.	12	each	0 1 9	} J. Danks & Son Pty. Ltd.
	Unions, Royle's Pattern, without rubbers—					
3597	½"	"	12	do.	0 0 7	
3598	¾"	"	12	do.	0 0 11	
	Valves, Flap—					
3599	(M) 1½", for iron	"	} 4	do.	0 1 8	} Galliers & Klaerr Pty. Ltd.
3599A	(M) 1½", for lead	"		do.	0 1 5	
3600	(M) 2", for iron	"		do.	0 1 10	
3600A	(M) 2", for lead	"		do.	0 1 8	
	Valves, Steam, "Jenkins," renewable disc type—					
†3601	½"	"	120	each	0 4 11	William Adams & Co. Ltd.
†3602	¾"	"	100	do.	0 6 0	} J. Danks & Son Pty. Ltd.
†3603	1"	"	60	do.	0 8 0	
†3604	1½"	"	6	do.	0 9 9	William Adams & Co. Ltd.
†3605	1½"	"	24	do.	0 14 3	} McPherson's Pty. Ltd.
†3606	2"	"	72	do.	1 3 2	
	Wastes, Floor, screwed for lead floors—					
3607	(M) 1½"	Vict.	8	each	0 1 3	} Galliers & Klaerr Pty. Ltd.
3608	(M) 2"	"	8	do.	0 1 5	
3609 to 3705	Nil					
PLUMBERS' GOODS (BRAZED METAL).						
	Elbows, Gas Threads—					
3706	1"	Vict.	30	each	0 0 11	J. Danks & Son Pty. Ltd.
3707	1½" x ¾" .. .. .	..	..	..	..	} Nil
3708	1½"	Vict.	8	each	0 1 4½	
	Sockets, Gas Threads—					
3709	¾"	"	20	do.	0 0 5½	} J. Danks & Son Pty. Ltd.
3710	1"	"	6	do.	0 0 8	
3711	1½"	"	8	do.	0 0 11	
	Tees, Gas Threads—					
3712	1"	"	4	do.	0 1 0	} J. Danks & Son Pty. Ltd.
3713	1½" x ¾"	"	12	do.	0 1 9	
3714	1½"	"	6	do.	0 1 7	
	Unions, Gas Threads—					
3715	1" M. and F.	"	20	do.	0 2 10	} J. Danks & Son Pty. Ltd.
3716	1" Female	"	6	do.	0 2 11	
3717	1½" M. and F.	"	6	do.	0 3 10	
3718	1½" Female	"	6	do.	0 3 8	
3719 to 3725	Nil					

CHAIN (VARIOUS).

The Chain supplied under Items 3726 to 3732 shall be what is known as "close link." As regards Items 3733 to 3738 the links shall be of uniform shape and size, neatly and perfectly welded, so that the correct form is preserved throughout.

The Proof Load of the Chain to be supplied under Items 3728 to 3732 shall be at least 15 per cent. over Admiralty Test, and a certificate shall be furnished accordingly.

** As regards Items 3728 to 3732, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T. T. Exchange is effective as notified by the Commonwealth Bank.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	

CHAIN (VARIOUS)—*continued.*

	Chain, Iron, Wrought, "Best Best," Short Link Crane, self coloured—							
3726	$\frac{3}{8}$ " "Bennett Chain Co. Ltd."	Q'land.	200 cwt.	cwt.	2	13	6	Hardware Co. of Aust. Pty. Ltd.
3727	$\frac{1}{2}$ " " " " "	"		do.	2	11	6	
3728	$\frac{1}{4}$ " Standard English manufacture	U.K.		do.	**2	12	0	Paul & Gray Ltd. (in liq.)
3729	$\frac{3}{8}$ " " " " "	"		do.	**2	6	0	
3730	$\frac{1}{2}$ " " " " "	"		do.	**2	5	0	
3731	$\frac{3}{8}$ " " " " "	"		do.	**2	5	0	
3732	1" " " " "	"	do.	**2	4	0		
	Chain, Iron, Wrought, Short Link, Coil, self coloured—							
†3733	$\frac{3}{16}$ " 12½ links per foot	Vict.	12 "	do.	2	8	0	Ing. L. Benini.
†3734	$\frac{1}{4}$ " 12 " " " "	"	40 "	do.	2	3	3	
3735	$\frac{5}{16}$ " electric welded—Pitt & Waddell	"	8 "	do.	2	9	0	Briscoe & Co. Ltd.
3736	$\frac{3}{8}$ " " " " "	"	"	do.	2	6	0	
3737	$\frac{7}{16}$ " "Bennett Chain Co. Ltd."	Q'land.	12 "	do.	2	5	6	Hardware Co. of Aust. Pty. Ltd.
3738	$\frac{1}{2}$ " " " " "	"	"	do.	2	14	0	
3739	to } Nil							
3740								

WIRE, WIREWORK, ETC.

The sample exhibited by the Corporation for Item No. 3800 is for description only. Nets shall be made from hard drawn bright iron wire, 14 B.W.G., free from rust and scale, one edge to be arranged to fit around $\frac{5}{8}$ " diameter Tubing (tube not required). The other edge and both ends to be formed of $\frac{3}{8}$ " diameter wire. Standard mesh to be woven. Nets shall be formed to suit brackets in accordance with sample. No tinning required.

** The rates shall include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

As regards Item Nos. 3801, 3803, and 3804, ordering officers should satisfy themselves that the whole of the material is of Australian manufacture, and the Contractor shall furnish a certificate as to country of manufacture, if required.

As regards Item No. 3829, the rate is subject to adjustment in the event of there being any alteration in the price of raw material.

As regards Items Nos. 3825 to 3828, the rates tendered are based on the existing ruling rates of raw material, and that in the event of there being any alteration in the rates of such raw material, same shall be to the Corporation's account, operative on any material ordered after the expiration of a period of two months from the date of such alteration. It is the Contractor's obligation to advise the Comptroller of Stores of such alteration during the contract period.

WIRE.								
	Wire, Brass, Hard or Soft Rolled, as ordered—							
3741	6 gauge	Vict.	2,240 lb.	lb.	0	0	11-82	Melbourne Wire Works
3742	7 "	"	24 "	do.	0	1	0-4	
3743	8 "	"	10 "	do.	0	1	0-65	
3744	10 "	"	42 "	do.	0	1	1-2	
3745	11 "	"	14 "	do.	0	1	1-4	
3746	12 "	"	60 "	do.	0	1	1-5	
3747	13 "	"	6 "	do.	0	1	1-75	
3748	14 "	"	40 "	do.	0	1	2-3	
3749	16 "	"	20 "	do.	0	1	3-4	
3750	$\frac{1}{4}$ "	"	48 cwt.	do.	0	0	10-5	
	Wire, Phosphor, Bronze—Hard Rolled—							
3751	9 gauge	U.K.	56 lb.	do.	**0	3	0	F.R.S. Ideal Spring Co. Ltd.
3752	11 "	"	24 "	do.	**0	3	3	
3753	13 "	"	56 "	do.	**0	3	6	
3754	18 "	"	14 "	do.	**0	3	9	
3755	to } Nil							
3756								

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
WIRE, WIREWORK, ETC.—continued.						
	Wire, Copper—Soft Rolled—					
3757	$\frac{1}{4}$ "	Vict.	1,344 lb.	lb.	0 1 0-7	Melbourne Wire Works
3758	14 gauge	"	112 "	do.	0 1 1-5	
3759	16 "	"	1,120 "	do.	0 1 1-2	
3760	18 "	"	840 "	do.	0 1 1-4	
3761	19 "	"	24 "	do.	0 1 2-3	
3762	20 "	"	8 "	do.	0 1 3-3	
3763 to 3765	Nil.					
	Wire, Spring Steel, Hard Drawn—					
3766	2 gauge	N.S.W.	20 "	do.	0 0 8	F.R.S. Ideal Spring Co. Ltd.
3767	5 "	"	500 "	do.	0 0 4	
3768	6 "	"	500 "	do.	0 0 4 $\frac{1}{2}$	
3769	7 "	"	14 "	do.	0 0 5	
3770	10 "	"	12 "	do.	0 0 5 $\frac{1}{2}$	
3771	14 "	"	14 "	do.	0 0 6	
3772	16 "	"	50 "	do.	0 0 6 $\frac{1}{2}$	
3773	18 "	"	4 "	do.	0 0 7	
3774 to 3776	Nil.					
	Wire, Steel, Music, Hard or Soft Tempered, "Jonas & Colver" Novo.—					
3777	10 gauge	U.K.	84 lb.	lb.	**0 1 4 $\frac{1}{2}$	Gilbert Lodge & Co. Ltd.
3778	11 "	"	56 "	do.	**0 1 4 $\frac{1}{2}$	
3779	12 "	"	200 "	do.	**0 1 4 $\frac{1}{2}$	
3780	13 "	"	28 "	do.	**0 1 4 $\frac{1}{2}$	
3781	14 "	"	144 "	do.	**0 1 4 $\frac{1}{2}$	
3782	15 "	"	72 "	do.	**0 1 11	
3783	16 "	"	90 "	do.	**0 1 11	
3784	18 "	"	72 "	do.	**0 2 3 $\frac{1}{2}$	
3785	19 "	"	28 "	do.	**0 2 5 $\frac{1}{2}$	
3786	20 "	"	14 "	do.	**0 2 5 $\frac{1}{2}$	
3787	21 "	"	10 "	do.	**0 2 8 $\frac{3}{4}$	
3788	23 "	"	14 "	do.	**0 3 5 $\frac{1}{4}$	
3789	24 "	"	14 "	do.	**0 3 10	
3790 to 3791	Nil.					
WIREWORK, ETC.						
*3792	Fasteners, Dropper, Fencing	Vict.	200 cwt.	cwt.	0 17 0	J. R. Bell & Co.
*3793	Gauze, Brass, any gauges and meshes ordered	"	3,000 sq. ft.	sq. ft.	0 1 2	Melbourne Wire Works
	Grips, Spring—					
*3794	A	N.S.W.	100 gross	gross	0 8 3	F.R.S. Ideal Spring Co. Ltd.
*3795	W	"	160 "	gross	0 4 0	
3796	Nil.					
	Guards—					
*3797	Galvanized Wire, for Booking Windows ..	Vict.	200 sq. ft.	sq. ft.	0 3 3	Melbourne Wire Works
*3798	Brass Wire, for Booking Windows ..	"	24 "	do.	0 4 6	
†3799	Mattresses, Wire, 6' 6" x 2' 6" x 3 ply ..	"	20	each	1 4 0	
*3800	Nets, Carriage, Hat	"	300 sq. ft.	sq. ft.	0 1 11	Greer & Ashburner
†3801	Net, Galvanized, for Window Screens, $\frac{1}{16}$ " mesh, 26 gauge	Vict. and N.S.W.	14,000 "	do.	0 0 3 $\frac{1}{2}$	
3801A	Net, Bronze, for Window Screens, $\frac{1}{16}$ " mesh, 20 gauge	U.K. and Vict.	2,000 "	do.	0 1 0	Melbourne Wire Works
3802	Sieves, Brass, $\frac{1}{4}$ " mesh or less, and any sizes and meshes ordered	U.K. and Vict.	400 in.	per 1" dia.	0 0 8 $\frac{1}{2}$	
3803	" Iron, 22" diameter, $\frac{1}{4}$ ", $\frac{1}{2}$ ", or $\frac{3}{4}$ " mesh, as ordered	N.S.W. and Vict.	1,200 "	do.	0 0 4 $\frac{1}{2}$	
3804	" Iron, 24" diameter x 1" mesh, 12 gauge	"	8	each	0 12 6	
	Springs, Steel, Black—					
*3805	9" x 9 gauge (half)	N.S.W.	14 gross	gross	1 9 0	F.R.S. Ideal Spring Co. Ltd.
*3806	7" x 11 gauge (half)	"	20 "	do.	0 17 6	
*3807	6" x 12 gauge (full)	"	40 "	do.	0 13 0	
*3808	6" x 11 gauge (half)	"	80 "	do.	0 14 0	
*3809	4" x 11 gauge (half)	"	40 "	do.	0 12 0	
*3810	5" x 11 gauge (half)	"	30 "	do.	0 13 0	
*3811	5" x 14 gauge (full)	"	30 "	do.	0 9 6	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.	
					£ s. d.		
<i>WIRE, WIREWORK, ETC.—continued.</i>							
3812	WIREWORK, ETC.— <i>continued.</i> Nil .. .. .	..	..	..	..
3813	Wires, Galvanized Iron, in bundles of 250, for Gerrard Wire Tying Machine— 2' 6" No. 2 Grade .. .. .	..	2½ bdles.	bundle of 250	..	} Nil
3814	4' .. .. .	..	12 "	do.	..	
3815	5' .. .. .	..	80 "	do.	..	
*3816	Wires for tying on labels, 9"	N.S.W.	1,000,000	1,000	0 0 8½		
3817	Gates, Black Iron, tubular frame, 1 inch internal diameter, 8 feet wide hung, folding in two leaves, 5 ft. and 3 ft., 3 ft. 10 in. high, with galvanized chain wire filling, 13 gauge 1½ in. mesh, each mesh of chain wire to be properly tied on to frame and not laced, with all fittings complete; Gate to be painted one coat in colour of Battleship Grey	Vict.	4 sets	set	2 3 0	} Melbourne Wire Works	
†3818	Netting, Galvanized, Chain Wire, double knuckled— In widths of 3 ft. or 3 ft. 6 in., as ordered, 1½-in. mesh x 12 gauge	..	80 sq. yds.	sq. yd.	0 1 2		
†3819	Up to 6 ft. wide, as ordered, 2-in. mesh x 8 gauge	..	12 "	do.	0 2 5		
†3820	Up to 6-ft. wide as ordered, 2-in. mesh x 12 gauge	..	200 "	do.	0 1 1		
3821	Tape, Metallic, for Embossing Machines— ¾" x 24 gauge	200 lb.	lb.	..		} Nil
3822	¾" x 24 gauge .. .. .	..	200 "	do.	..	
3823	1½" x 23 gauge .. .. .	..	160 "	do.	..	
3824	Wire, Woven, Mild Steel, 2½ holes per inch, 3' wide, No. 9 S.W.G.	N.S.W. and Vict.	360 l. ft.	l. ft.	0 7 6	Melbourne Wire Works	
3825	Wire, Netting, Galvanized, "B" Grade— 20 gauge x ½" mesh— 24" wide, 50 yards per roll, "Lysaght's"	N.S.W.	} 2,000 lin. yds.	} Roll of 50 lin. yds.	1 8 0	} Briscoe & Co. Ltd.	
3826	30" wide, 50 yards per roll, "Lysaght's"	..			do.		1 14 9
3827	36" wide, 50 yards per roll, "Lysaght's"	..			do.		2 1 0
3828	17 gauge x 1½" mesh— 36" wide, 100 yards per roll, "B" Grade "Lysaght's"	..			} 10,000 lin. yds.		} Roll of 100 lin yds	1 17 3
3829	42" wide, 100 yards per roll, "A" Grade	Vict.	do.	2 5 0		Public Works Department (Penal and Gaols)	
3830 to 3836	} Nil						

MILD STEEL REINFORCING BARS AND STEEL FABRIC.

SPECIFICATION FOR ITEMS Nos. 3837 to 3839.

The Mild Steel Reinforcing Bars shall be supplied in lengths not less than 18 feet, and shall comply with the Australian Commonwealth Engineering Standards Association's Specification A.1/1928. Perfect symmetry of section, however, is not required, but the Bars must possess full cross-sectional areas corresponding to a circle of the diameter specified. The Bars shall be delivered free from loose scale or loose rust, and shall not be oiled, tarred, greased, painted, or otherwise coated.

3837	Mild Steel Reinforcing Bars— ¾"	Vict.	10 tons	ton	14 0 0	} "K-M" Concrete Steel Co. Pty. Ltd. Harvey Shaw successors
3838	½"	N.S.W.	14 "	do.	13 5 0	
3839	¾" .. .. .	..	4 "	do.	11 5 0	
†3840	Fabric, Steel, Wire, in rolls or sheets, 87" wide, with No. 10 gauge wire, 6" centre to centre transversely, and 6" centre to centre longitudinally	Vict.	900 lin. yds.	lin. yd.	0 1 0	Peeler Bros.
3841	Nil					

MOTOR ACCESSORIES AND BALL BEARINGS.

As regards Items Nos. 3859 and 3880, these are required for use in connexion with the manufacture of locally-built engines, and the Corporation will furnish statutory declarations within a reasonable period, not likely to exceed six months, that the articles have been so fitted, or, if not so used, will reimburse the Contractor the amount of Customs duty paid. The contract rates are exclusive of Customs duty, but include primage duty.

**As regards Items 3842-3850, 3852, 3855, 3856, 3859, 3861-3863, 3868-3870, 3872, 3873, 3876-3880, 3897, 3900, 3909-3916, the rates include Telegraphic Transfer Exchange between London and Australia at 25½ per cent., and if this rate of Exchange be varied during the Contract period, the difference calculated on 60 per cent. of the Contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

The rates for Items 3842-3850 are firm as regards Conversion.

As regards Item 3880, sufficient time is to be allowed to meet initial orders.

*As regards Item 3851, the rate is based on 54 per cent. depreciation in Australian currency on New York, any variation to the Corporation's account, and adjusted as under—

The Corporation allows sufficient time for importation of a number to meet initial orders.

The rate of depreciation in Exchange ruling Australia on New York on the date of remittance for such number shall be accepted as the basis for adjusting the Contract rate calculated on the c.i.f. value. Documentary evidence of the c.i.f. value shall be produced, and such adjusted Contract rate shall apply until the number involved has been ordered and supplied.

The Contractor will be expected to maintain stocks to meet requirements, and subsequent importations will be similarly dealt with.

‡As regards Item 3871, the rate is based on 87.50 francs to the £1 and 25½ per cent. T.T. Exchange, and in the event of there being any variation in these rates on the date of delivery on any material ordered, same shall be to the Corporation's account, calculated on 60 per cent. of the contract rate.

ITEMS NOS. 3879 AND 3879A.—PRICE LIST OF "FERODO" BRAKE LINING—A. L. CAMPBELL & Co. PTY. LTD.

"Ferodo A," less 55 per cent.
 "Ferodo B," less 66.6 per cent.

Width. Inches.	Thickness.					
	½"	¾"	⅞"	1"	1 1/8"	1 1/4"
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
1"	1 5	1 8	1 9	2 5	2 11	3 8
1 1/8"	1 6	1 9	2 0	2 8	3 5	4 1
1 1/4"	1 8	2 0	2 3	2 11	3 8	4 7
1 1/2"	1 10	2 2	2 5	3 5	4 1	5 1
1 3/4"	2 1	2 5	2 9	3 8	4 5	5 7
1 7/8"	2 3	2 8	2 11	3 11	4 11	5 11
1 8/8"	2 5	2 9	3 2	4 2	5 5	6 3
1 7/8"	2 7	3 0	3 5	4 6	5 8	6 9
2"	2 8	3 2	3 8	4 9	5 11	7 3
2 1/8"	2 10	3 5	3 10	5 1	6 3	7 8
2 1/4"	3 0	3 6	3 11	5 4	6 8	8 0
2 3/8"	3 3	3 9	4 4	5 8	7 1	8 5
2 1/2"	3 5	3 11	4 6	5 11	7 5	9 0
2 5/8"	3 6	4 1	4 8	6 3	7 10	9 2
2 3/4"	3 8	4 4	4 11	6 6	8 2	9 5
2 7/8"	3 11	4 6	5 2	6 8	8 7	10 1
3"	4 0	4 8	5 4	6 11	8 11	10 8
3 1/8"	4 2	4 11	5 7	7 3	9 3	11 1
3 1/4"	4 4	5 0	5 8	7 5	9 7	11 5
3 3/8"	4 5	5 2	5 11	7 9	9 11	11 10
3 1/2"	4 7	5 4	6 2	8 0	10 4	12 3
3 5/8"	4 8	5 7	6 3	8 2	10 8	12 7
3 3/4"	4 11	5 8	6 6	8 5	11 1	12 11
3 7/8"	5 0	5 11	6 8	8 9	11 5	13 5
4"	5 2	6 0	6 10	9 0	11 10	13 9
4 1/8"	5 6	6 5	7 4	9 7	12 7	14 8
4 1/4"	5 10	6 9	7 9	10 2	13 4	15 6
4 3/8"	6 2	7 2	8 2	10 8	14 1	16 4
4 1/2"	6 5	7 6	8 7	11 3	14 10	17 2
4 5/8"	6 9	7 11	9 0	11 10	15 7	18 0
4 3/4"	7 2	8 4	9 5	12 5	16 4	19 0
4 7/8"	7 5	8 8	9 11	13 0	17 0	19 9
5"	7 7	8 11	10 2	13 2	17 5	20 3
5 1/8"	7 9	9 0	10 4	13 6	17 9	20 8

MOTOR ACCESSORIES AND BALL BEARINGS—continued.

ITEM No. 3879B.—PRICE LIST for "RAYBESTOS" BRAKE LINING PER LINEAL FOOT.

Width. Inches.	Thickness.					
	$\frac{1}{8}$ "	$\frac{3}{32}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
1"	s. d. 0 10	s. d. 1 0	s. d. 1 1	s. d. 1 5 $\frac{1}{2}$	s. d. 1 8 $\frac{1}{2}$	s. d. 2 2
1 $\frac{1}{8}$ "	0 11 $\frac{1}{2}$	1 1	1 2 $\frac{1}{2}$	1 5 $\frac{1}{2}$	1 8 $\frac{1}{2}$	2 2
1 $\frac{1}{4}$ "	1 0 $\frac{1}{2}$	1 2 $\frac{1}{2}$	1 4	1 9 $\frac{1}{2}$	2 1 $\frac{1}{2}$	2 8
1 $\frac{1}{2}$ "	1 2 $\frac{1}{2}$	1 5	1 7	2 1	2 6 $\frac{1}{2}$	3 1 $\frac{1}{2}$
1 $\frac{3}{4}$ "	1 5	1 7 $\frac{1}{2}$	1 10	2 5	3 0	3 8
2"	1 7	1 10	2 1	2 9	3 5	4 1 $\frac{1}{2}$
2 $\frac{1}{4}$ "	1 9 $\frac{1}{2}$	2 0 $\frac{1}{2}$	2 4	3 1	3 10 $\frac{1}{2}$	4 7 $\frac{1}{2}$
2 $\frac{1}{2}$ "	1 11 $\frac{1}{2}$	2 3 $\frac{1}{2}$	2 7	3 5	4 3 $\frac{1}{2}$	5 1 $\frac{1}{2}$
2 $\frac{3}{4}$ "	2 2	2 6	2 10	3 8 $\frac{1}{2}$	4 9	5 7 $\frac{1}{2}$
3"	2 4	2 8 $\frac{1}{2}$	3 1	4 0 $\frac{1}{2}$	5 2	6 1 $\frac{1}{2}$
3 $\frac{1}{4}$ "	2 6 $\frac{1}{2}$	2 11	3 4	4 4 $\frac{1}{2}$	5 7	6 7
3 $\frac{1}{2}$ "	2 8 $\frac{1}{2}$	3 1 $\frac{1}{2}$	3 7	4 8	6 0 $\frac{1}{2}$	7 1
3 $\frac{3}{4}$ "	2 11	3 5	3 9 $\frac{1}{2}$	5 0	6 5 $\frac{1}{2}$	7 7
4"	3 1	3 6 $\frac{1}{2}$	4 0 $\frac{1}{2}$	5 4	6 11	8 1
4 $\frac{1}{4}$ "	3 3 $\frac{1}{2}$	3 9	4 3 $\frac{1}{2}$	5 8	7 4	8 7
4 $\frac{1}{2}$ "	3 5 $\frac{1}{2}$	3 11 $\frac{1}{2}$	4 6 $\frac{1}{2}$	6 0	7 9	9 1
4 $\frac{3}{4}$ "	3 8	4 2 $\frac{1}{2}$	4 9 $\frac{1}{2}$	6 3 $\frac{1}{2}$	8 2 $\frac{1}{2}$	9 7
5"	3 10	4 5	5 0 $\frac{1}{2}$	6 7 $\frac{1}{2}$	8 7 $\frac{1}{2}$	10 1
5 $\frac{1}{2}$ "	4 2 $\frac{1}{2}$	4 10	5 6 $\frac{1}{2}$	7 3	9 6	11 3
6"	4 7	5 3	6 0 $\frac{1}{2}$	7 11	10 4 $\frac{1}{2}$	12 0 $\frac{1}{2}$

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
3842	Ball Bearings— To Type S.K.F., 1204	Sweden	40	each	**0 2 8	S.K.F. Ball Bearing Co. Ltd.
3843	" " " 1304	"	40	do.	**0 2 11	
3844	" " " 1307	"	200	do.	**0 6 0	
3845	" " " 1308A	"	200	do.	**0 7 7	
3846	" " " 6201	"	160	do.	**0 2 3	
3847	" " " 6205	"	40	do.	**0 2 6	
3848	" " " 6206	"	40	do.	**0 3 0	
3849	" " " 6209	"	200	do.	**0 5 4	
3850	" " " 6304	"	240	do.	**0 2 6	
3851	Bearings, Flexible Roller— 3 $\frac{1}{8}$ " outside diameter, 1 $\frac{1}{16}$ " inside diameter, "Hyatt," No. 19250	U.S.A.	200	do.	*0 11 3	Bearing Service Co. of Aust. Ltd.
3852	2 $\frac{7}{16}$ " outside diameter, 1 $\frac{1}{4}$ " inside diameter, "Pollard," No. 18195	U.K.	400	do.	**0 7 2	Gardner, Waern & Co. Pty. Ltd.
†3853	Belting, Motor, Rubber covered, $\frac{7}{8}$ " wide x $\frac{11}{16}$ " thick, "V" section 10 to 12 ply, any lengths ordered up to 60'	Vict.	6,000 feet	foot	0 1 2 $\frac{1}{2}$	Dunlop-Perdriau Rubber Co. Ltd.
*3854	Blades, Vibrator, with Tungson points	N.S.W.	120	pair	0 0 10	Brooklands Accessories Pty. Ltd.
†3855	Belting, Link, Whittle type, $\frac{5}{8}$ " "Stephanus"	U.K.	200 feet	foot	**0 2 10	Vanguard Co. Pty. Ltd.
†3856	" " " " " "	"	200 "	do.	**0 3 6	
3857	Brushes, Carbon, for Make and Breaks— "Lucas"	Vict.	8	each	0 0 4	A. G. Healing Ltd.
3858	Brushes, Carbon, for Brush Holders— "Lucas"	"	8	do.	0 0 2	
3859	Carburettors— Single Cylinder Engines, "Amal" type..	U.K.	100	do.	**2 5 0	
†3860	Cement (Gasket) in 1-lb. tins	Vict.	100 tins	tins	0 1 8	Dunlop-Perdriau Rubber Co. Ltd.
3861	Chain, Magneto, "Coventry"	U.K.	24 feet	55 lks.	**0 2 8	A. G. Healing Ltd.
3862	Control Lever, Bowden, Single, for Magneto	"	12	each	**0 2 4	Starting Lighting Ignition Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
MOTOR ACCESSORIES AND BALL BEARINGS—continued.						
†3863	Fasteners, Belt— For ½" wide x 11/16" Rubber Belting, "King Dick," 3/4"	U.K.	80 doz.	dozen	**0 12 6	A. G. Healing Ltd.
†3864	" Jackson's," Plate and Button, Type "D"	..	60 "	do.	..	Nil
*3865	Gaskets, Cylinder— For "K" Motors .. .. .	..	90	each	..	} Nil
*3866	For "S" Motors .. .. .	..	20	do.	..	
*3867	For "K.S." Motors .. .. .	..	20	do.	..	
*3868	Gaskets, Induction— For "S" Motors	U.K.	150	dozen	**0 6 0	} Vanguard Co. Pty. Ltd.
*3869	For "K" Motors .. .. .	..	100	do.	**0 4 6	
*3870	For "K.S." Motors .. .. .	..	20	do.	**0 4 6	
†3871	Goggles, Motor, Dust	France	800 pairs	pair	†0 0 11 1/2	A. G. Healing Ltd.
*3872	Greasers, "Rotherham" K. 27, (1/8" gas thread)	U.K.	800	each	**0 1 2	McPhersons Pty. Ltd.
3873	" (Nipples), straight gas thread 1/8"	..	20 gross	dozen	**0 4 6	Keep Bros. & Wood Pty. Ltd.
3874	" Nipples (Angle), 45° gas thread, 1/8", "Alemite" pattern	Vict.	4 dozen	do.	0 8 0	} Vanguard Co. Pty. Ltd.
3875	" (Angle), 90° gas thread, 1/8", "Teca-lamite" pattern	..	4 "	do.	0 8 0	
Jets, for Carburettors—						
*3876	"B," and "B," Nos. 85 to 110, as ordered	U.K.	8	each	**0 0 6	} A. G. Healing Ltd.
*3877	"Solex," Nos. 80 and 85, as ordered ..	..	4	do.	**0 2 0	
*3878	"Amal," Nos. 80 to 100, as ordered ..	..	8	do.	**0 0 6	
†3879	Lining, Brake, Woven, "Ferodo A," any sizes ordered, as shown in Price List above	..	} 500 lb.	foot	**55%	} A. L. Campbell & Co. Pty. Ltd.
†3879A	" " " " "Ferodo B," any sizes ordered, as shown in Price List above	..		do.	**66.6%	
†3879B	" " " " "Raybestos," any sizes ordered, as shown in Price List above	..		do.	**15%	
3880	Magnetos, High Tension, "Lucas" type, for 4-h.p. single-cylinder locally-made engines, anti-clock Bowden control, K. 1 type, fitted with standard taper shaft and wood rough key	U.K.	24	each	**2 15 0	Associated General Electrical Industries Ltd.
†3881	Paste, Carborundum, Leggett's I.F. fine, 1-lb. tins	Vict.	120 lb.	lb.	0 2 9	} Leggett Products Pty. Ltd.
†3882	" " " " "in 1 1/4-oz. tubes	..	200 tubes	tube	0 0 9	
†3883	" " " " "Leggett's 100" coarse, in 1 1/4-oz. tubes	..	400 tubes	do.	0 0 9	
†3884	" " " " "coarse, in 1-lb. tins	..	120 lb.	lb.	0 2 9	
Plugs, Sparking, Various—						
†3885	Metric. Standard .. .. .	..	} 480 doz.	each	0 2 0	} Pyrox Pty. Ltd.
†3886	" Long Body .. .. .	..		do.	0 2 0	
†3887	1/2" Taper (Ford) .. .. .	..		do.	0 2 0	
†3888	3/8" S.A.E. Standard, Small Hexagon ..	..		do.	0 2 0	
†3889	" " Large Hexagon .. .. .	..		do.	0 2 0	
†3890	" " Long Reach, Small Hexagon ..	..		do.	0 2 0	
†3891	" " Large Hexagon .. .. .	..	do.	0 2 0		
3892	Points, Platinum, for "Lucas" Magnetos ..	..	} 40 pairs	pair	0 8 0	} A. G. Healing Ltd.
3893	" " Large "M.L." Magnetos .. .. .	..		do.	0 8 0	
3894	" " Small Bosch Magnetos .. .. .	..		do.	0 7 3	
†3895	Punches, Motor Belt .. .. .	..	60	each	..	} Nil
*3896	" Belt, for use with Item 3864 .. .. .	..	20	do.	..	

Percentage of the Price List submitted with the tender and firm during the period of Contract as printed above.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
MOTOR ACCESSORIES AND BALL BEARINGS—continued.						
*3897	Rims for $\frac{7}{8}$ " Motor Tricycle Belts, 16" x 2 $\frac{1}{2}$ " x 1"	U.K.	6	each	**0 14 6	A. G. Healing Ltd.
*3898	Rims, flange, for Split Pulleys	200	do.	..	} Nil
†3899	Spanners, Type "C.D." for Type "D" Fastener, under Item 3864	..	2 doz.	doz.	..	
†3900	Spanners, Magneto, in sets of 8, "Terry" .. Springs, Valve—	U.K.	24 sets	set	**0 1 9	McPherson's Pty. Ltd.
*3901	J.A.P. Engines	360	each	..	} Nil
*3902	F.M. Twin Opposed Engines .. ..	..	160	do.	..
*3903	Springs, Belt, tension, "K," 12" long .. ..	..	20	do.	..
*3904	" " " " "KS," 7" long .. ..	..	40	do.	..
*3905	" " " " "Seat 1 $\frac{5}{32}$ " internal x 4" long .. ..	..	100	do.	..
*3906	" " " " "Slide 1 $\frac{3}{32}$ " internal x 1" long .. ..	..	360	do.	..
*3907	" " " " "Cylinder Link, 1 $\frac{1}{8}$ " x 1 $\frac{3}{4}$" .. ..	..	24	do.	..
*3908	" " " " "Control, 1 $\frac{13}{32}$ " internal dia. x 1 $\frac{1}{4}$ " long .. ..	..	80	do.	..
3909	Tubing, Bicycle, Steel Bright, 1 $\frac{1}{4}$ x 16 gauge,	U.K.	600 feet	foot	**0 0 9	} A. G. Healing Ltd.
3910	Tubing, Steel, Bright, solid drawn, $\frac{5}{8}$ " x 10G	..	2,000 "	do.	**0 0 8 $\frac{1}{2}$	
*3911	Washers, Valve Cap. for V.R. type, J.A.P. Engines	..	60 doz.	dozen	**0 2 0	} Berry, Roche and Tamac Pty. Ltd.
*3912	" " " " "Fafnir Engines	..	4 "	do.	**0 1 6	
†3913	Wire, Copper, Rubber Covered, high tension 7 m.m.	..	400 yards	100 yards	**1 10 0	Vanguard Co. Pty. Ltd.
*3914	" " " " "low tension	..	400 "	100 feet	**0 5 6	Berry, Roche, and Tamac Pty. Ltd.
*3915	" " " " "Bowden, Carburetter, stranded, No. 1, unfrayable	U.K.	200 "	100 ft. coils	**0 7 6	} A. G. Healing Ltd.
3916	Wire, Bowden (control lever only), for Magnetos	..	4	each	**0 4 9	
†3917	Bearing, Lining, Antifriction Metal, for Internal Combustion Engines	..	600 lb.	lb.	..	} Nil
	Bushes, Piston Ring, Cast Iron, Centrifugal process—					
†3918	For cylinder bore, 3 $\frac{3}{8}$" .. ..	..	500 in.	inch	..
†3919	" " " " "3 $\frac{1}{2}$" .. ..	..	500 "	do.	..
†3920	" " " " "4 $\frac{1}{2}$" .. ..	..	500 "	do.	..
†3921	" " " " "4 $\frac{1}{2}$" .. ..	..	500 "	do.	..
3922 to 3929	} Nil					

SALT GLAZED VITRIFIED STONWARE PIPES, AGRICULTURAL PIPES, ETC.

STONWARE PIPES (Items Nos. 3930 to 3960).

The word "Pipes" shall be understood to include every variety of straight pipe, branch, pipe, bend or fitting included in this Contract.

The Pipes shall be of Salt Glazed Vitrified Stoneware; they shall be made of plastic clay or other approved similar material, thoroughly worked, containing a large proportion of silica, but free from limestone or lime. Each Pipe shall be of uniform and suitable composition, and shall ring with a well-defined sound when struck with a wooden mallet. The Pipes shall be well burnt, completely vitrified, and free from splits, cracks, inequalities, and all other defects, and shall be uniformly and thoroughly glazed over the whole of the inside and outside with salt glaze. All Pipes shall be to standard designs and shall be made to the forms, angles, and dimensions ordered, and shall have an effective length of two (2) feet, or not more than three (3) feet, unless otherwise specified. They shall be of uniform circular section throughout with the ends truly formed at right angles to the bore.

All Pipes may be tested by the Comptroller of Stores in such manner as he may think proper, and any Pipes which fail to pass any such test will be rejected. Items marked (M) will require to be tested by the Melbourne and Metropolitan Board of Works, and must bear that Board's test mark before delivery.

AGRICULTURAL PIPES (Item No. 3961).

The Agricultural Pipes (Item No. 3961) shall be of approved manufacture, well burnt, straight, of uniform section, and shall measure 12 inches in length. The material shall consist of Portland Cement, gravel up to $\frac{1}{4}$ -inch and fine grade water-washed sand, mixed in such proportions and manner as will enable the pipes to withstand any test for their purpose. All finished pipes shall be kept saturated with water for ten (10) days before being allowed to dry out.

The Pipes shall be delivered at the railway station named below, properly loaded in railway trucks, stacked and packed with straw or other suitable packing, by and at the cost of the Contractor, and to the satisfaction of the Supervising Officer, and shall be consigned thence as ordered.

Place of delivery—

- G. D. Guthrie & Co. Pty. Ltd.—Delivered into trucks at Epsom.
- Hoffman Brick & Potteries Ltd.—Delivered into trucks at South Brunswick, Oakleigh, or Mitcham.
- Martin Stoneware Pipe Ltd.—Delivered into trucks at Ballarat.
- Melbourne Pottery Co.—Delivered into trucks at Brunswick.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
SALT GLAZED VITRIFIED STONWARE PIPES, AGRICULTURAL PIPES, ETC.— <i>continued.</i>						
Drain Pipes—Salt Glazed Vitrified Stoneware—						
Length 2'—						
3930	3"	Vict.	100 ft.	foot	0 0 3	Hoffman Brick & Pot-teries Ltd.
3930A	3"	"		do.	0 0 3	Martin Stoneware Pipe Ltd.
3930B	3"	"	8,000 "	do.	0 0 3	G. D. Guthrie & Co. Pty. Ltd.
3931	4"	"		do.	0 0 3	Hoffman Brick & Pot-teries Ltd.
3931A	4"	"	1,600 "	do.	0 0 3	Martin Stoneware Pipe Ltd.
3931B	4"	"		do.	0 0 3	G. D. Guthrie & Co. Pty. Ltd.
3932	(M) 4"	"	12,000 "	do.	0 0 6½	Hoffman Brick & Pot-teries Ltd.
3933	6"	"		do.	0 0 7¼	
3933A	6"	"	300 "	do.	0 0 7¼	Martin Stoneware Pipe Ltd.
3933B	6"	"		do.	0 0 7	G. D. Guthrie & Co. Pty. Ltd.
3934	(M) 6"	"	2,000 "	do.	0 0 9	Melbourne Pottery Co.
3935	9"	"		do.	0 0 9	Hoffman Brick & Pot-teries Ltd.
3935A	9"	"	500 "	do.	0 0 9	Martin Stoneware Pipe Ltd.
3935B	9"	"		do.	0 0 9	G. D. Guthrie & Co. Pty. Ltd.
3936	12"	"	500 "	do.	0 1 3	Hoffman Brick & Pot-teries Ltd.
3936A	12"	"		do.	0 1 3	Martin Stoneware Pipe Ltd.
3936B	12"	"		do.	0 1 3	G. D. Guthrie & Co. Pty. Ltd.
Bends—Salt Glazed Vitrified Stoneware—						
3937	3"	Vict.	6	each	0 1 0	Hoffman Brick & Pot-teries Ltd.
3937A	3"	"		do.	0 1 0	Martin Stoneware Pipe Ltd.
3937B	3"	"	80	do.	0 1 0	G. D. Guthrie & Co. Pty. Ltd.
3938	4"	"		do.	0 1 0	Hoffman Brick & Pot-teries Ltd.
3938A	4"	"	200	do.	0 1 0	Martin Stoneware Pipe Ltd.
3938B	4"	"		do.	0 1 0	G. D. Guthrie & Co. Pty. Ltd.
3939	(M) 4" with inspection openings	"	6	do.	0 3 0	Hoffman Brick & Pot-teries Ltd.
3940	6"	"		do.	0 2 6	
3940A	6"	"	6	do.	0 2 6	Martin Stoneware Pipe Ltd.
3940B	6"	"		do.	0 2 6	G. D. Guthrie & Co. Pty. Ltd.
3941	(M) 6"	"	6	do.	0 4 3	Melbourne Pottery Co.
Elbows—Salt Glazed Vitrified Stoneware—						
3942	4"	"	6	do.	0 1 0	Hoffman Brick & Pot-teries Ltd.
3942A	4"	"		do.	0 1 0	Martin Stoneware Pipe Ltd.
3942B	4"	"		do.	0 1 0	G. D. Guthrie & Co. Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	

SALT GLAZED VITRIFIED STONWARE PIPES, AGRICULTURAL PIPES, ETC.—*continued.*

Single Junctions, right-angled, and oblique, 45° or 60°, as ordered—										
3943	3" x 3	Vict.	}	each	0	1	6	Hoffman Brick & Pot- teries Ltd.		
3943A	3" x 3"	"		40	do.	0	1	6	Martin Stoneware Pipe Ltd.	
3943B	3" x 3"	"			do.	0	1	6	G. D. Guthrie & Co. Ltd.	
3944	4" x 4"	"	}	do.	0	1	6	Hoffman Brick & Pot- teries Ltd.		
3944A	4" x 4"	"		40	do.	0	1	6	Martin Stoneware Pipe Ltd.	
3944B	4" x 4"	"			do.	0	1	6	G. D. Guthrie & Co. Pty. Ltd.	
3945	(M) 4" x 4"	"		do.	0	2	0	Hoffman Brick & Pot- teries Ltd.		
3946	6" x 4"	"		do.	0	2	6	Hoffman Brick & Pot- teries Ltd.		
3947	(M) 6" x 4"	"		do.	0	5	0	Hoffman Brick & Pot- teries Ltd.		
3948	6" x 6"	"	}	do.	0	3	6	Hoffman Brick & Pot- teries Ltd.		
3948A	6" x 6"	"		6	do.	0	3	6	Martin Stoneware Pipe Ltd.	
3948B	6" x 6"	"			do.	0	3	6	G. D. Guthrie & Co. Pty. Ltd.	
3949	12" x 4" to 12" x 9"	"	}	do.	0	9	0	Hoffman Brick & Pot- teries Ltd.		
3949A	12" x 4" to 12" x 9"	"		8	do.	0	9	0	Martin Stoneware Pipe Ltd.	
3949B	12" x 4" to 12" x 9"	"			do.	0	9	0	G. D. Guthrie & Co. Pty. Ltd.	
3950	15" x 6" to 15" x 12"	"	}	do.	0	14	6	Hoffman Brick & Pot- teries Ltd.		
3950A	15" x 6" to 15" x 12"	"		2	do.	0	14	6	Martin Stoneware Pipe Ltd.	
3951	Discs, 4"	"	}	do.	0	0	3	Hoffman Brick & Pot- teries Ltd.		
3951A	Discs, 4"	"		90	do.	0	0	3	Martin Stoneware Pipe Ltd.	
3951B	Discs, 4"	"			do.	0	0	3	G. D. Guthrie & Co. Pty. Ltd.	
3952	Discs, 6"	"	}	do.	0	0	5	Hoffman Brick & Pot- teries Ltd.		
3952A	Discs, 6"	"		3	do.	0	0	5	Martin Stoneware Pipe Ltd.	
3952B	Discs, 6"	"			do.	0	0	5	G. D. Guthrie & Co. Pty. Ltd.	
3953	(M) Tops, Gully	"		do.	0	7	0	} Hoffman Brick & Pot- teries Ltd.		
3954	Tops for Boundary Traps— (M) 4" x 4", No. 27A	"	10	do.	0	2	6			
3955	(M) 6" x 4" or 6" x 6", as ordered, No. 26A	"	6	do.	0	5	6			
3956	Tops, Adjustable, 6" x 4" width, 3" inlet	"	}	do.	0	2	6			
3956A	"	"		4	do.	0	2		6	Martin Stoneware Pipe Ltd.
3956B	"	"			do.	0	2		6	G. D. Guthrie & Co. Pty. Ltd.
3957	(M) Traps, Boundary, 4'	"		do.	0	7	6	} Hoffman Brick & Pot- teries Ltd.		
3958	(M) 6"	"	6	do.	1	1	0			
3959	(M) Disconnector, No. 23	"	20	do.	0	5	6			

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
SALT GLAZED VITRIFIED STONWARE PIPES, AGRICULTURAL PIPES, ETC.—continued.								
3960	Tops for Boundary Traps— <i>continued.</i> (M) Traps, Gully, No. 24	Vict.	24	each	0	7	6	Hoffman Brick & Pot- teries Ltd.
3961	Pipes, Agricultural, 12" long, 4" internal diameter .. ..	..	250 ft.	100 ft.	..	..	..	Nil
3962 to 4006	Nil							

CONCRETE PIPES.

(See Appendix "C" for Specification.)

Delivery.—The pipes shall be provisionally delivered at the railway station named below and may there be subjected to any further test, in such manner as the Comptroller of Stores may think proper, when any pipes which fail to pass such test shall be rejected. After having been passed and accepted by the Comptroller of Stores or his representative, the pipes shall be properly loaded, stacked and packed with straw or other suitable material into railway trucks, by and at the cost of the Contractor, to the satisfaction of the Supervising Officer. Any pipes that have been rejected must be removed by and at the cost of the Contractor.

Orders to be placed on most advantageous Contractor, having regard to rates and freight charges.

Places of delivery—

Concrete Constructions Pty. Ltd.—Graham Railway Station.

Rocla Ltd.—Spring Vale Railway Station.

Hume Pipe Co. (Aust.) Ltd.—Newmarket or Oakleigh Railway Stations at Department's option.

Pipes, Plain, Unreinforced—								
4007	12" dia. x 4' .. ..	..	200 feet	foot	..	..	..	} Nil
4008	15" dia. x 4' .. ..	..	..	..	..	..	..
4009	24" dia. .. ..	..	..	..	..	..	..
4010	Pipes, Agricultural, 12" long, 4" internal diameter	..	..	..	..	..	..
Pipes, Reinforced, Class "S."—								
4011	9" dia. x 6'	Vict.	400 feet	foot	0	1	1	Concrete Constructions Pty. Ltd.
4011A	9" dia. x 6'	"		do.	0	1	1	Hume Pipe Co. (Aust.) Ltd.
4012	12" dia. x 4' or 8'	"	3,000 "	do.	0	1	3	Concrete Constructions Pty. Ltd.
4012A	12" dia. x 4', 6', or 8'	"		do.	0	1	3	Hume Pipe Co. (Aust.) Pty. Ltd.
4013	15" dia. x 4' or 8'	"	2,700 "	do.	0	1	8	Concrete Constructions Pty. Ltd.
4013A	15" dia. x 4', 6', or 8'	"		do.	0	1	8	Hume Pipe Co. (Aust.) Pty. Ltd.
4014	18" dia. x 4' or 6'	"	2,000 "	do.	0	2	2½	} Rocla Ltd.
4015	21" dia. x 4' or 8'	"	500 "	do.	0	2	11½	
4016	24" dia. x 4' or 8'	"	..	do.	0	3	6	Concrete Constructions Pty. Ltd.
4016A	24" dia. x 6'	"	900 "	do.	0	3	6	Hume Pipe Co. (Aust.) Pty. Ltd.
4016A	24" dia. x 4', 6', or 8'	"	..	do.	0	3	6	Rocla Ltd.
4017	27" dia. x 4' or 8'	"	260 "	do.	0	4	3	Concrete Constructions Pty. Ltd.
4017A	27" dia. x 4' or 8'	"		do.	0	4	3	Hume Pipe Co. (Aust.) Pty. Ltd.
4018	30" dia. x 4' or 8'	"	250 "	do.	0	5	3	Concrete Constructions Pty. Ltd.
4018A	30" dia. x 4' or 8'	"		do.	0	5	3	Hume Pipe Co. (Aust.) Pty. Ltd.
4019	36" dia. x 4' or 8'	"	500 "	do.	0	6	8	Concrete Constructions Pty. Ltd.
4019A	36" dia. x 4' or 8'	"		do.	0	6	8	Hume Pipe Co. (Aust.) Pty. Ltd.
4020	42" dia. x 4' or 8'	"	380 "	do.	0	8	9	} Rocla Ltd.
4021	48" dia. x 4' or 8'	"	400 "	do.	0	11	0	
4022 to 4032	Nil							

LINSEED OIL AND WHITE LEAD IN OIL.

SPECIFICATION FOR LINSEED OIL.—Items Nos. 4033 and 4034.

1. *Quality.*—The Oil shall conform to the Australian Commonwealth Engineering Standards Association's Tentative Australian Standard Specifications, No. K. 2-1926T. for Raw Linseed Oil and No. K. 5-1926T. for Boiled Linseed Oil.

2. *Samples.*—A composite sample of not less than two (2) quarts shall be taken from each delivery. It shall be drawn from at least five packages (from all when fewer), and in no case from less than 2 per cent. of the packages.

3. *Testing.*—Testing shall be according to Australian Commonwealth Engineering Standards Association's Tentative Australian Standard Specifications Nos. K. 2 to 6, 1926T.

4. *Packages.*—The oil shall be delivered in cases each containing two 4-gallon tins, and such containers shall be in good order and condition, and to the satisfaction of the Comptroller of Stores. The gallonage to be paid for will be computed on the basis that each full tin contains four (4) gallons. Any leaky tin will be liable to rejection.

5. *Branding.*—The cases shall be legibly branded VR/M in letters at least 4 inches long.

SPECIFICATION FOR WHITE LEAD IN OIL.—Item No. 4035.

1. *Sample.*—The tenderer shall submit with his tender a sample of at least 7 lb. of the White Lead in Oil that he tenders to supply.

2. *Specification.*—The White Lead in Oil shall be in strict accordance with the Australian Commonwealth Engineering Standards Association's Specification No. K. 10 of 1926.

3. *Testing.*—The White Lead in Oil shall be tested according to the methods described in Australian Commonwealth Engineering Standards Association Specification.

4. *Weights.*—All weights shall be ascertained by weighing the White Lead in Oil on the weigh-bridge scales or other weighing machines of the Corporation, and all such weights so ascertained by the Proper Chief Officer shall for all purposes be accepted by the parties to this Contract as correct and final and binding.

5. *Containers.*—The White Lead in Oil shall be delivered in kegs, each containing 1 cwt. net of the White Lead in Oil.

† Items 4033 and 4034. The rates are based on the price of Calcutta Linseed delivered into the Contractor's Melbourne Mill at £14 per ton, and should there be any variation in the cost of linseed purchased by the Contractor for its Victorian Mill immediately prior to the date of receipt of order, the contract rates shall be amended as follows:—3d. per gallon per £1 per ton of Linseed—fractional variations in the cost of linseed to be calculated in the cost of oil to the nearest decimal of one penny.

* Items 4035 and 4035A. The rate to be paid is £32 per ton, plus the average price of corroding quality of Broken Hill Pig Lead f.o.b. Port Pirie for the last complete week of the preceding month to that in which any order is placed as certified to by the Broken Hill Associated Smelters, then less 2½ per cent. for payment in 30 days, or 3 per cent. in fourteen days from the date of delivery at Spencer-street. Every effort should be made to pay within fourteen days and obtain benefit of extra discount. The Contractor on receipt of order shall furnish the Comptroller of Stores with the rate to be paid. Provided satisfactory service is rendered, orders for White Lead should be equally divided.

The rates for Items 4035 and 4035A do not include wharfage, and to enable the Corporation to obtain exemption from wharfage each Bill of Lading shall be made out in the name of The Victorian Railways Commissioners. Wharfage will be arranged by the Department.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
†4033	Oil, Linseed, Raw, in cases, 2 x 4 gal. tins ..	Vict.	24,000 gals.	gal.	£0	3	10½	} Meggitt Ltd.
†4034	Oil, Linseed, Boiled, in cases, 2 x 4 gal. tins	"	20,000 "	do.	£0	4	0½	
†4035	Lead, White, in Oil, in 1 cwt. kegs "Balm"	N.S.W.	} 120 tons	{ ton	*			} British Australian Lead Manuftrs. Pty. Ltd. Lewis Berger & Sons (Aust.) Ltd.
†4035A	" " " Berger's	"		{ do.	*			

GALVANIZED IRONWARE AND TINWARE.

Item 4036 includes the fitting of a tested 2-in. M.M.B.W. pattern plug, washer, and brass chain.

Items 4042 and 4043 subject to increase by mutual arrangement in the event of prices of raw material being increased by more than 10 per cent., or the items may be determined.

†4036	Baths, Iron, Galvanized, 24 G., 5' 6", rolled top, with 2" M.M.B.W. pattern plug, washer, and brass chain	Vict.	100	each	1	1	3	} Kelso Trading Supply Pty. Ltd.
	Buckets, Galvanized, strapped sides and bottoms—24 gauge							
*4037	12" "Peters"	"	400	do.	0	2	2	} Briscoe & Co. Ltd.
*4038	14" "Peters"	"	50	do.	0	3	4	
*4039	Cans, Watering, Galvanized, with rose, 4 gallons	"	24	do.	0	7	0	} Thos. Mitchell & Co. Pty. Ltd.
4040 and 4041	} Nil							

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
GALVANIZED IRONWARE AND TINWARE—continued.						
*4042	Pans, Closet, to sample "A", Oval ..	Vict.	300	each	0 6 8	} H. T. Thomas & Co.
*4043	" " " " "H", Round ..	"	400	do.	0 6 5	
4044	Pumps, Kerosene, closed top, with cutter ..	"	40	do.	0 0 7½	} Briscoe & Co. Ltd.
*4045	Tins, Sealed, 1-lb., Paint ..	"	800	doz.	..		Nil
*4046	" " 2 lb. " " " " " " " " ..	"	800	do.	..	Nil
†4047	Tins, Slide on Lids (Soldering Paste)—					} Nil
	1-lb. ..		300	do.	..	
†4048	2-oz. ..		600	do.	..	
4049 to 4077	} Nil.					

CANE AND COIR MATS, ETC.

CANE.						
†4078	Cane, for manufacture of Cane Plugs, $\frac{5}{8}$ " diameter ..	..	20 cwt.	cwt.	..	Nil.
MATS, ETC.						
*4079	Mats, Coir, Skeleton, 3' 3" x 2' 3" ..	Vict.	600	each	0 14 0	} Royal Victorian Institute for the Blind
*4080	Matting, Coir, 27" ..	"	100 l. yds.	l. yd.	0 1 6	
4081	" " 24" ..	"	40 "	do.	0 1 6	
4082	Binding Coir Matting above, as ordered ..	"	100 feet	foot	0 0 4½	
4083 to 4499	} Nil.					

COTTON WASTE.

COTTON WASTE.—The Waste shall possess good oil absorbing properties. It shall be practically free from threads less than 3 inches long, and in the case of Item No. 4501 (White Waste) shall not contain any coloured threads. All Waste shall be clean scoured and shall not contain any coarse or non-absorbent threads, string, or fibre (other than cotton), and shall be free from oil, grit, rags, sweepings, dirt, or material that has been washed, and metallic fragments.

A portion representative of the average of the samples of Cotton Waste submitted was burned to complete ash, and the percentage of ash or loading thereby determined, viz., 12.63 per cent., is the standard for all Waste delivered under Item No. 4500 with a reasonable range of tolerance, and any Waste delivered with a percentage of loading outside the tolerance granted by the Comptroller of Stores will be absolutely rejected. The Waste delivered in bulk should be reasonably in accordance with the sample submitted with the tender.

In addition to these tests, the Cotton Waste will be tested for moisture and will be judged by the texture, feel, and general quality, and shall be in every respect to the satisfaction of the Comptroller of Stores.

Before lodging his samples, the Tenderer shall submit same to the Quarantine Department, and furnish with his tender an assurance that Waste reasonably in accordance with such samples will be admitted into the State by that Department. In the event of a tender being accepted, the Contractor shall clear each and every shipment of the Waste through the Customs and Quarantine Department, and he shall undertake full liability if the Quarantine Department should refuse to allow any Waste shipped in response to an order placed by the Corporation to land, by reason of the fact that such Waste does not comply with the quarantine regulations, and in the event of such happening the Corporation may purchase Waste which, in the opinion of the Comptroller of Stores, is necessary and suitable for the requirements of the Corporation, at the Contractor's risk and cost, in accordance with clause 15 of the conditions of contract.

Orders will be placed in minimum lots of 10 tons, and sufficient time allowed for importation. The rate does not include wharfage; but, in order that the Corporation will obtain exemption of wharfage, each shipment should be consigned to The Victorian Railways Commissioners and the Bill of Lading made out in their favour. Wharfage will be arranged by the Corporation and the Bill of Lading returned to the Contractor to complete delivery.

The rate is fully inclusive of all charges (excepting Wharfage Dues of the Melbourne Harbour Trust) incidental to the supply and delivery of the service at the Metropolitan Receiving Depot.

** If on the date of negotiation of documents the Telegraphic Transfer Exchange rate between Australia and London is more or less than 25½ per cent., the variation shall be to the Corporation's account calculated on the C.I.F. value, documentary evidence of which shall be produced.

COTTON WASTE—*continued.*

Customs duty 31s. and Primage duty 32s. 3d. per ton is included in the rate, and, in the event of there being any alteration, the amount involved shall be to the Corporation's account provided duty is paid on the most satisfactory basis on an "A" class declaration and documentary evidence is produced.

No adjustment will be made for stacking, cartage, or agent's fees.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
†4500	Waste, Cotton, Grey, "S6174R"	.. U.K.	200 tons	ton	£ s. d. **23 17 6	Bowden Bros. & Co. Ltd.
†4501	" " White	.. ..	10 ..	do.	..	Nil.
4502-3	Nil.					

PIG IRON.

(Items 4505 and 4505A.)

SPECIFICATION.

Quality of Material.—The Pig Iron shall be clean foundry pig, as free as possible from an excessive amount of dross and sand, and may be either sand or machine cast.

Chemical Analysis.—The Pig Iron shall show on analysis:—

						Item No. 4505.
						Standard Softener.
Silicon	..	..	..	..	..	2.75-4.00 per cent.
Manganese	..	..	..	..	..	.6-1.5 per cent.
Phosphorus	..	..	..	..	..	.1-3 per cent.
Sulphur	..	..	..	..	..	.05 maximum

All analyses shall be carried out in accordance with the requirements of Australian Standard Specification, No. K.1-1926.

Sampling and Testing.—One pig will be selected from every 4 tons from various parts of each delivery of Pig Iron. Each pig thus selected will be sampled by drilling so as to fairly represent the composition of the pigs as cast. An equal weight of drillings from each sample pig selected for testing shall be thoroughly mixed to make up the sample for test analysis; such sample shall conform to the analysis shown above and shall be taken as representing the analysis of the whole of delivery.

Branding.—The manufacturer's initials shall be cast or legibly stamped on each pig.

Rejection.—Should the Pig Iron fail to comply in any particular with this Specification it shall be liable to rejection.

Each shipment of the Pig Iron should be arranged in such a manner as will enable delivery to be given direct from the ship's slings into railway trucks at either Victoria Dock or Williamstown Pier, so that cartage charges may be eliminated.

All weights shall be ascertained by weighing the Pig Iron on the weighbridge scales, or other weighing machines of the Corporation at the place of discharge of the vessel, and all such weights so ascertained shall for all purposes be accepted by the parties to this Contract as correct and final and binding. The Shipping Clerk is to check weights on discharge of the ship and furnish certificate of weighing to Receiving Officer.

The rates are exclusive of wharfage dues of the Melbourne Harbor Trust, and to enable the Corporation to obtain exemption of wharfage, each Bill of Lading shall be made out in favour of the Comptroller of Stores of the Victorian Railways. Wharfage will be arranged by the Corporation and the Delivery Order returned to the Contractor in order that delivery may be completed.

To be ordered in minimum quantity of 50 tons.

In the event of the Contractor's current c.i.f. price for Pig Iron increasing or decreasing during the currency of the Contract, then such increase or decrease, as the case may be, will be to the Corporation's account and apply to the undelivered quantity as at the date of such alteration in price, provided due notice of any such alteration is given to the Comptroller of Stores in writing.

Two tenders have been accepted and the Chief Mechanical Engineer is desirous of making further tests as to the comparative qualities of Pig Iron. In every case before an order is issued the Engineer of Tests should be consulted as to the respective quantities to be ordered.

The Comptroller of Stores to be furnished by the Storekeeper, Newport Loco., every three months with a statement showing the quantities ordered under Items Nos. 4505 and 4505A.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate.		Name of Contractor.	
				per—	£ s. d.		
PIG IRON—continued.							
4504	Nil						
4505	Pig Iron, Standard Softener, as specified, delivered as shown above	N.S.W.	1,400 tons	ton	5 13 7	Broken Hill Pty. Co. Ltd.	
4505A	" " " " " "	"			"		5 13 7	McPherson's Pty. Ltd.
4506	" " " " " "	"			"		
4506 to 4508	Nil						

TWIST DRILLS.

The Twist Drills shall be in accordance with British Standard Specification No. 328—1928. The Drills shall be subjected to the specified inspection and tests by and at the cost of the Corporation at its Workshops.

** As regards Items Nos. 4509—4513 the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of Telegraphic Transfer Exchange is effective as notified by the Commonwealth Bank.

The price lists submitted by the tenderers are firm during the period of the contract.

Item No.	Description.	Country of Manufacture.	Price	Unit	Percentage off Price List submitted by tenderer with tender and current during the period of the contract.	Name of Contractor.
†4509	Drills, Twist, Carbon, Parallel Shank, any numbers ordered, "Roxo," Marsh Bros.	U.K.	£50	..	**71½ %	Frank Wells Pty. Ltd.
†4510	" Twist, Carbon, Parallel Shank, any sizes ordered, "Roxo," Marsh Bros.	"	£10	..	**71½ %	
†4511	" Twist, High Speed, Parallel Shank, any sizes ordered, "Samuel Fox & Co. Ltd."	"	£200	..	**57½ %	United Steel Companies Ltd.
†4512	" Twist, High Speed, Taper Shank, any sizes ordered, "Samuel Fox & Co. Ltd."	"	£800	..	**57½ %	
†4513	" Twist, Carbon, Ratchet, Taper Square Shank, from ¾" to 1½", any sizes ordered, "Vana," Vanadium Steel Co.	"	£40	..	**57½ %	Welch, Perrin, & Co. Pty. Ltd.
4514 to 4525	Nil					

SUNDRY IRONMONGERY, No. 1.

Boilers—Copper—Item No. 4545. The boilers shall be stamped out of one piece copper weighing not less than (approx.) 1½ lb. per sq. foot.

The Steel Balls under Items Nos. 4527 to 4537 shall be of the specified dimensions with a tolerance of .0002 inch over or under.

** As regards Items Nos. 4527—4537, 4557, 4562—4565, 4567—4570, 4572, 4573—4582, 4586—4591, and 4604, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of Telegraphic Transfer Exchange is effective as notified by the Commonwealth Bank.

The rates for Items Nos. 4527—4537, 4565, and 4591 are firm as regards Conversion.

* Item No. 4572A includes duty at 15 per cent. for Glasses, and 30 per cent. for Gaskets. Any adjustment to be made in accordance with Clause 7 of Conditions of Contract.

Item No. 4572A is firm as regards Exchange and Conversion.

As regards Item No. 4572, an order should be issued immediately for a quantity of the British Glasses to enable a trial to be made by Superintendent Loco. Supplies. If satisfactory, further orders to be placed with Bell's Asbestos Co.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
SUNDRY IRONMONGERY, No. 1— <i>continued.</i>						
*4526	Balances, Spring, Railway Parcels, 56 lb. x 4 oz., with enamelled dial, and platform 14" x 9", the pinion to be drilled for cotter pin, and base plate to have three screw holes for securing the balance to the counter—	..	12	each	..	Nil
4527	Balls, Steel, $\frac{3}{16}$ "	Sweden	8 doz.	dozen	**0 0 1	} S.K.F. Ball Bearing Co. Ltd.
4528	" " $\frac{1}{2}$ "	"	48 "	do.	**0 0 3	
4529	" " $\frac{3}{4}$ "	"	8 "	do.	**0 0 1	
4530	" " $\frac{1}{2}$ "	"	8 "	do.	**0 0 2	
4531	" " $\frac{1}{4}$ "	"	8 "	do.	**0 0 4	
4532	" " $\frac{1}{8}$ "	"	8 "	do.	**0 0 6	
4533	" " $\frac{1}{16}$ "	"	8 "	do.	**0 0 9	
4534	" " $\frac{1}{32}$ "	"	8 "	do.	**0 1 2	
4535	" " $\frac{1}{64}$ "	"	8 "	do.	**0 1 10	
4536	" " $\frac{1}{128}$ "	"	8 "	do.	**0 3 9	
4537	" " $\frac{1}{256}$ "	"	8 "	do.	**0 17 9	
4538	Bars, Locking, Galvanized, 8" Light ..	Vict.	4	each	0 1 9	} Briscoe & Co. Ltd.
†4539	" " " 10" Light ..	"	12	do.	0 1 10	
†4540	" " " 12" Heavy ..	"	16	do.	0 2 6	
4541	} Nil					
4543						
4544	Bellows, Moulders', 10"	"	32	do.	0 5 9	John Danks & Son Pty. Ltd.
4545	Boilers, Copper, blocked, 12 or 14 gallons capacity, as ordered	..	100 lb.	lb.	..	} Nil
*4546	Bottles, Glass, Lubricator, No. 1 .. ..	..	72	each	..	
*4547	" " " No. 2 .. .. .	..	12	do.	..	
4548	} Nil					
4553						
4554	Chain, Iron, Jack, any sizes ordered ..	..	200 doz.	doz.	..	} Nil
*4555	" " Communication .. .. .	..	2,000 feet	100 ft.	..	
*4556	" " japanned, twisted, $\frac{3}{16}$ ", in packets of 12 yards	..	26 pkts.	pkt.	..	
4557	" for Vulcan Pipe Tongs, No. 31, "Record"	U.K.	2	each	**0 4 3	McPherson's Pty. Ltd.
4558	} Nil					
4561						
†4562	Combs, Curry, Thumb hole	U.K.	40	do.	**0 0 7	Thos. Mitchell & Co. Pty. Ltd.
4563	Cups, Grease, Stauffer System, $\frac{1}{4}$ " Gas, No. 3, "Kingfisher"	"	48	do.	**0 0 5 $\frac{1}{2}$	Horrocks, Roxburgh Pty. Ltd.
4564	" " " $\frac{1}{4}$ " Gas, No. 4,	"	12	do.	**0 0 6	} William Adams & Co. Ltd.
4565	" " " " No. 6	Germany	24	do.	**0 0 7	
†4566	" " Spring Compression, $\frac{1}{4}$ " Gas, No. 1	..	24	do.	..	Nil
4567	Cups, Grease, Steel, plain, style No. 200, "Kingfisher"—					} Horrocks, Roxburgh Pty. Ltd.
†4568	1 $\frac{3}{8}$ " x $\frac{1}{4}$ ", No. 4	U.K.	20 doz.	dozen	**0 6 6	
4569	2" x $\frac{1}{4}$ ", No. 5	"	20 "	do.	**0 7 8	
†4570	2" x $\frac{3}{8}$ ", No. 5	"	2 "	do.	**0 7 8	} McPherson's Pty. Ltd.
4571	File Card Wire, Rubber Cloth Back, 2" wide	"	40 feet	foot	**0 0 5	
4571	Fittings for Grindstones, complete, any sizes ordered, "United Eng. Malleable Co."	Vict.	4 sets	set	0 6 0	
†4572	Glasses— Bullseye, with rubber gaskets, for Detroit Lubricators, Bishop's "Adamant"	U.K.	24 doz.	dozen	**1 10 0	Bell's Asbestos Aust. Agency Ltd.
*4572A	Bullseye, with rubber gaskets, for Detroit Lubricators	U.S.A.		do.	**2 2 0	Vacuum Oil Co. Pty. Ltd.
*4573	Gauge, $\frac{3}{4}$ " x 16 $\frac{1}{2}$ " long, suitable for Babcock and Wilcox Boilers, at 210 lb. pressure, Bishop's "Adamant"	U.K.	24 "	do.	**0 6 5 $\frac{1}{2}$	} Bell's Asbestos Aust. Agency Ltd.
*4574	Glasses, Protection for Gauge Glasses, 12" x 2 $\frac{1}{2}$ " x $\frac{1}{2}$ ", "Bishop's Adamant"	"	14 "	do.	**1 13 0	
4575	} Nil					
4577						

Item No.	Description.	Country of Manufacture.	Estimated Quantities.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
SUNDRY IRONMONGERY, No. 1—continued.						
4578	Glasses, Gauge, Bishop's "Adamant"—					
4579	12" x 3/4"	U.K.	2 doz.	doz.	**0 4 8	} Bell's Asbestos Aust. Agency Ltd.
4580	15" x 3/4"	"	40 "	do.	**0 5 11	
4581	18" x 3/4"	"	6 "	do.	**0 3 11	
4581	19" x 3/4"	"	12 "	do.	**0 7 5	
†4582	Glasses, Lubricator, 13/8" x 3/8" "Invicta," ground ends, Bishop's "Adamant"	"	30 "	do.	**0 5 3	
4583	Ladles, Lead, Wrought Iron, 4", heavy line, "Plumbs"	N.S.W.	36	each	0 1 8	} McPherson's Pty. Ltd.
4584	Ladles, Lead, Wrought Iron, 6", "Plumbs"	"	48	dozen	1 13 0	
4585	Pins and Sockets, Carpet, Brass	"	4 gross	gross	..	Nil
4586	Pots, Glue, Cast Iron, No. 3, 2 pints	U.K.	2	each	**0 7 9	Briscoe & Co. Ltd.
	Plates, Tinned—					
	Iron, Charcoal, 20" x 14", 112 sheets per box; or 20" x 28", 56 sheets per box, as ordered—					
4587	lxx.	U.K.	18 boxes	box	**2 10 0	} Currie & Richards Pty. Ltd.
4588	lxxx.	"	20 "	do.	**2 15 0	
4589	lxxxx.	"	4 "	do.	**3 0 0	
†4590	Scissors, Lamp, "Cousins"	"	20 pairs	pair	**0 2 11	Briscoe & Co. Ltd.
†4591	" Office, 6 1/2"	Germany	40 "	do.	**0 1 0	Thos. Mitchell & Co. Pty. Ltd.
†4592	Shovels, Cinder	Vict.	60	each	0 0 6	Hardware Co. of Aust. Pty. Ltd.
†4593	Safes, Meat, round, portable hanging, 18" diameter	"	40	do.	0 9 8	Thos. Mitchell & Co. Pty. Ltd.
4594	Tongs, Vulcan, Chain, No. 232	"	40	do.	..	} Nil
4595	" " " No. 233	"	2	do.	..	
*4596	Type, Dating, Lead, Letters, Figures, &c. .. .	N.S.W.	80 lb.	lb.	0 11 6	R. Collie & Co. Pty. Ltd.
	Washers, Brass, Round Plate, Round Hole—					
4597	3/8"	Vict.	20 gross	gross	0 0 10	} John Danks & Son Pty. Ltd.
4598	3/8"	"	60 "	do.	0 1 0	
4599	1/2"	"	20 "	do.	0 1 3	
4600	5/16"	"	20 "	do.	0 1 7	
†4601	Washers, Copper, No. 6.. .. .	"	6 lb.	lb.	0 2 3	Briscoe & Co. Ltd.
†4602	Wheels, Barrow, wrought iron, navy	"	60	each	0 4 6	} A. G. Way & Co.
*4603	" Platform Barrow, wrought iron, with turned spindle, 2 1/4" rims	"	40	do.	0 9 0	
†4604	Whistles, Guards', "Acme Thunderer," No. 58	U.K.	120	do.	**0 1 11	Briscoe & Co. Ltd.
4605 to 4624	Nil					

SUNDRY IRONMONGERY, No. 2.

SPECIFICATION FOR CASE HARDENING COMPOSITION.—Item 4630.

Scope.—The specification covers the supply of impregnated charcoal mixture suitable for the case hardening of steel and iron.

Chemical Composition.—The mixture shall consist of wood charcoal uniformly impregnated with sodium carbonate. The minimum percentage of sodium carbonate shall be 6 per cent.

Method of Selecting Sample and Testing.—A representative sample shall be taken from each delivery and forwarded to the Departmental Chemist for test. The sample selected shall be thoroughly mixed and portion set aside for grading test. The remainder shall be crushed and quartered in the usual way, and the final sample used for the determination of sodium carbonate.

Grading.—The material shall conform to the following:—

Passing through screen with 1/8" mesh	.. .. .	100 per cent. minimum
" " " 1/4" "	.. .. .	25 per cent. maximum
" " " 1/2" "	.. .. .	5 " "
" " " 3/4" "	.. .. .	1 " "

Standard Sample and Density Determinations.—When tendering, a standard sample of not less than 28 lb. shall be submitted, which will represent the class of material to which subsequent deliveries must conform. From this sample determinations will be made of the weight per cubic foot, and this figure will be used in calculating from the price tendered the price per cubic foot, upon which price, together with satisfactory performance, the tenders will be finally judged. The weight per cubic foot as found above should not be exceeded in any subsequent delivery by more than 5 per cent.

SUNDRY IRONMONGERY, No. 2—continued.

Rejection.—Deliveries not conforming to the terms of this specification will be liable to rejection.

In the event of the Case Hardening Composition Item 4630 requiring to be imported into the State of Victoria, the rate tendered shall include wharfage. The material ordered shall be consigned to the Comptroller of Stores, and Bill of Lading made out in his favour. Wharfage will be arranged by the Comptroller of Stores and Delivery Order returned to the Contractor in order that delivery may be completed and the amount of wharfage involved deducted from the invoice.

‡ Item No. 4630A. Rate is f.o.b., Sydney. The material ordered shall be consigned to the Victorian Railways Commissioners, and the Bill of Lading made out in their favour. The material shall not be insured, the risk of ordinary F.P.A. Insurance will be carried by Department. Inspection in Melbourne after delivery.

As regards Item No. 4630. Storekeeper, Newport Loco., should arrange to forthwith place an order for "Impregno," for trial purposes, and if this material proves satisfactory it should be ordered for further requirements.

Items Nos. 4650-4654. Sufficient time for importations is to be allowed after placing of orders.

* Items Nos. 4660 and 4661. "Penetrine" is only to be ordered when it is certified that "Russolv" is unsuitable.

** As regards Items Nos. 4625, 4628, 4629, 4632-4636, and 4645-4656, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of Telegraphic Transfer Exchange is effective as notified by the Commonwealth Bank.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
4625	Bricks, Bath, in cases of 2 dozen	U.K.	100 dozen	dozen	**0	5	6	Briscoe & Co. Ltd.
4626	Candles, Filter, "Berkfeld" .. ..	..	20	each	..	..	..	Nil
†4627	Cement, Liquid, Davis Gelatine Co. ..	Vict.	60 tubes	tube	0	0	3¼	Thos. Mitchell & Co. Pty. Ltd.
4628	Cloth, "Aloxite," K.5, No. 1, 6" wide, in rolls of 50 yards, "Goldsworthy Britannia"	U.K.	6 rolls	roll	**2	8	0	Boyes Bros.
4629	Cloth, "Aloxite," K.5, No. 0, 6" wide, in rolls of 50 yards, "Goldsworthy Britannia"	..	4 "	do.	**2	3	6	
†4630	Composition, Case Hardening, fine, Impregno	} N.S.W.	10 tons	ton	14	10	0	A. L. Campbell & Co. Pty. Ltd.
†4630A	Composition, Case Hardening, fine			do.	†15	5	0	F.O.B. Sydney	The Hardite Steel Hardening Co.
†4631	Dressing, Belt, in 1-lb. sticks, "Mercury"	Vict.	288 sticks	stick	0	1	7	William Adams & Co. Ltd.
	Cloth, Emery, "No. 4 Liberty"—							
4632	No. 0	U.K.	250 quires	quire	**0	1	9	} Boyes Bros.
4633	No. 1 .. ..	..	300 "	do.	**0	1	9	
4634	No. 1½ .. ..	..	250 "	do.	**0	1	9	
4635	No. 2 .. ..	..	300 "	do.	**0	1	9	
4636	No. 3 .. ..	..	100 "	do.	**0	1	11	
	Paper, Glass, Aust. Glass & Emery Co.—							
4637	No. 00	Vict.	10 reams	ream	0	17	6	} C. S. Green & Son
4638	No. 0 .. ..	..	20 "	do.	0	17	6	
4639	No. 1 .. ..	..	40 "	do.	0	17	6	
4640	No. 1½	Vict.	50 "	ream	0	17	6	} C. S. Green & Son
4641	Np. F.2 .. ..	..	40 "	do.	0	17	6	
4642	No. M.2 .. ..	..	100 "	do.	1	3	3	
4643	No. S.2 .. ..	..	80 "	do.	1	3	3	
4644	No. 2½ .. ..	..	60 "	do.	1	9	0	
	Emery—							
4645	No. 20 hole, Goldsworthy Genuine ..	U.K.	20 lb.	lb.	**0	0	4	Boyes Bros.
4646	No. 40 hole, Oakey's .. ..	..	20 lb.	do.	**0	0	3½	McPherson's Pty. Ltd.
4647	No. 60 hole, Oakey's .. ..	..	120 lb.	do.	**0	0	3½	} William Adams & Co. Ltd.
4648	No. 90 hole, Oakey's .. ..	..	20 lb.	do.	**0	0	3½	
4649	No. 120 hole, Oakey's .. ..	..	120 lb.	do.	**0	0	3½	
	Paper, Garnet, Oakey's—							
4650	No. 2, 36" wide, 50 yards rolls ..	..	2 rolls	roll	**6	2	6	} Briscoe & Co. Ltd.
4651	No. 0, 24" wide, 50 yards rolls ..	..	2 "	do.	**2	16	6	
†4652	No. ½, 24" wide, 50 yards rolls ..	..	2 "	do.	**2	19	6	
4653	No. 1, 24" wide, 50 yards rolls ..	..	2 "	do.	**3	8	0	
4654	No. 1½, 24" wide, 50 yards rolls ..	..	2 "	do.	**3	14	0	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
SUNDRY IRONMONGERY, No. 2— <i>continued.</i>								
4655	Paper, Garnet, wet or dry, 2/0, Durax Abrasive Corporation	U.K.	24 quires	quire	**0	5	9	} Eliza Tinsley Pty. Ltd.
4656	Paper, Garnet, wet or dry, 5/0, Durax Abrasive Corporation	"	60 "	do.	**0	4	8	
†4657	Polish, Metal Cleaner, liquid, No. 3	Vict.	10,000 tins	dozen tins	0	3	6 $\frac{3}{4}$	A. B. Gibson & Sons Pty. Ltd.
†4658	Polish, in Cake form, Metal and Glass cleaner, "Sparko"	"	2,000 cakes	doz. cakes	0	3	6	H. T. Sparks
†4659	Ezywurk, Black	S. Aust.	3,600 tins	doz. tins	0	4	6	C. S. Green & Son
†4660	Rust Dissolvent, "Penetrine," in 1-gallon tins	Vict.	40 gals.	gallon	*0	15	6	Briscoe & Co. Ltd.
†4661	Rust Dissolvent, "Russolv," in 4-gallon tins	Qld.	24 "	do.	*0	6	0	Welch, Perrin, & Co. Pty. Ltd.
4662 to 4672	} Nil							

BUILDERS' IRONMONGERY.

The Stoves under Item No. 4755 shall be suitable for either wood or coal fuel.

**As regards Items Nos. 4686, 4689-4702, 4705-4720, 4743, 4744, 4746, and 4747, the rates include Telegraphic Transfer Exchange between Australia and London at 25 $\frac{1}{2}$ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 40 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of Telegraphic Transfer Exchange is effective as notified by the Commonwealth Bank.

Items Nos. 4689-4697, 4714-4720, the rates are firm as regards conversion.

4673	Bolts, Iron, tower, japanned, 3" to 12", as ordered	N.S.W.	2,400 ins.	inch	0	0	1 $\frac{1}{2}$	J. Danks & Son Pty. Ltd.
†4674	" " Drop, 24", galvanized	Vict.	24	each	0	4	6	McPherson's Pty. Ltd.
†4675	" " " 28", galvanized	"	12	do.	..	..	..	Nil
†4676	Bolts, Iron, $\frac{3}{8}$ " diameter, galvanized, for Padlocks, "Brenton's" pattern—8"	"	2,000 ins.	do.	0	1	4	John Danks & Son Pty. Ltd.
†4677	10"	"		do.	0	1	5 $\frac{1}{2}$	McPherson's Pty. Ltd.
†4678	12"	"		do.	0	1	5 $\frac{1}{2}$	McPherson's Pty. Ltd.
†4679	Brackets, Steel, japanned, shelf measurement, any sizes ordered (i.e., 8" x 10" = 18")	N.S.W.	1,000 "	inch	0	0	0 $\frac{1}{2}$	Thos. Mitchell & Co. Pty. Ltd.
*4680	Chain, Brass, Chandelier, heavy, No. 225	"	40 doz. yds.	doz. yds.	0	9	6	} Briscoe & Co. Pty. Ltd.
*4681	" " " light, No. 983	"	18 "	do.	0	2	9	
†4682	Checks, Door, Liquid, light, 550/3	Vict.	4	each	2	0	0	} William Bedford Ltd.
†4683	" " " heavy, 770/4	"	6	do.	2	14	0	
4684	Doors, Furnace, 10" x 8", with frame, for Coppers	"	40	do.	0	2	3	Thos. Mitchell & Co. Pty. Ltd.
†4685	Fasteners, Sash, oxidized, 2 $\frac{1}{2}$ "	"	40 doz.	dozen	0	3	9	C. S. Green & Son
†4686	Fanlight Openers, Iron, with Cords, 12" x $\frac{3}{8}$ "	U.K.	12	each	**0	2	9	McPherson's Pty. Ltd.
4687	Hasps and Staples, japanned, 3"	S.A.	600	do.	0	0	1 $\frac{1}{4}$	} John Danks & Son Pty. Ltd.
4688	" " " 4"	"		do.	0	0	1 $\frac{1}{2}$	
4689	" " " 5"	Sweden		do.	**0	0	2 $\frac{1}{2}$	
†4690	" " " 6"	"		do.	**0	0	2 $\frac{1}{2}$	
4691	" " " 7"	"		do.	**0	0	4	
†4692	" " " 6" x $\frac{1}{4}$ " heavy	"	do.	**0	0	5		
	Hinges, of any thickness and strength ordered—							
4693	Bed or Back Flap, Iron, 1", Stenman's	Sweden	200 pairs	pair	**0	0	1 $\frac{1}{2}$	} C. J. White & Sons Pty. Ltd.
†4694	" " " 1 $\frac{1}{2}$ "	"		do.	**0	0	1 $\frac{1}{2}$	
4695	" " " 2"	"		do.	**0	0	4	
4696	" " " 2 $\frac{1}{2}$ "	"		do.	**0	0	8	
4697	" " " 3"	"		do.	**0	0	11	
4698	Butt, Brass, 1", No. 788	U.K.	400 pairs	do.	**0	0	2	} Briscoe & Co. Pty. Ltd.
4699	" " 1 $\frac{1}{2}$ "	"		do.	**0	0	3	
†4700	" " 2"	"		do.	**0	0	4 $\frac{1}{2}$	
4701	" " 2 $\frac{1}{2}$ "	"		do.	**0	0	6	
4702	" " 3"	"		do.	**0	0	8 $\frac{1}{2}$	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
BUILDERS' IRONMONGERY—continued.						
	Hinges, of any thickness and strength ordered— <i>continued.</i>					
†4703	Butt, Brass, 3½", H.F.H.	N.S.W.		pair	0 2 2	C. J. White & Sons Pty. Ltd.
†4704	" " 4"	"		do.	0 3 5	
4705	" Cast Iron, 1"	U.K.		do.	**0 0 3	J. Danks & Sons Pty. Ltd.
†4706	" " 1½"	"		do.	**0 0 3	
4707	" " 2"	"		do.	**0 0 4	
4708	" " 2½"	"		do.	**0 0 6	
4709	" " 3"	"	72 pairs	do.	**0 0 8	
4710	" " 3½"	"		do.	**0 0 10½	C. J. White & Sons Pty. Ltd.
†4711	" " 4"	"		do.	* 0 1 0	
4712	" " 4½"	"		do.	**0 1 6	
4713	" " 5"	"		do.	**0 2 0	Briscoe & Co. Pty. Ltd.
4714	" Steel, 1"	Sweden		do.	**0 0 1¼	
4715	" " 1½"	"		do.	**0 0 1¼	
4716	" " 2"	"		do.	**0 0 1½	
†4717	" " 2½"	"	480 "	do.	**0 0 1¾	
4718	" " 3"	"		do.	**0 0 2¼	
4719	" " 3½"	"		do.	**0 0 3	
4720	" " 4"	"		do.	**0 0 4	
4721	" " 4½"	"		do.	..	Nil
†4722	Hinges, Butterfly (single)	Vict.	100 "	do.	0 0 11	John Danks & Son Pty. Ltd.
	Hinges, Gothic, Iron, extra strong—					
4723	10"			do.	..	Nil
4724	12"			do.	..	
4725	14"			do.	..	
†4726	16"		8,000 in.	do.	..	
4727	18"			do.	..	
4728	20"			do.	..	
4729	22"			do.	..	
4730	24"			do.	..	
†4731	Hinges, Strap, bent or straight, as ordered, any lengths ordered		12,000 "	do.	..	
†4732	" T, Iron, any lengths ordered	N.S.W.	8,000 "	inch	0 0 0½	Thos. Mitchell & Co. Pty. Ltd.
4733	Hooks, Cup, Brassed, ¾"	Vict.	2 doz.	dozen	0 0 4¾	Briscoe & Co. Pty. Ltd.
†4734	" " " 1"	"	16 "	do.	0 0 5¼	
4735	" " " 1¼"	"	4 "	do.	0 0 7	C. J. White & Sons Pty. Ltd.
†4736	" and Eyes, Cabin, brass, 3", Rossda	N.S.W.		do.	0 8 3	
4737	" " " 4"	"	25 doz.	do.	0 9 3	
4738	" " " 5"	"		do.	0 10 9	
4739	" " " 6"	"		do.	0 12 6	
†4740	" and Eyes, brass, 1"	"		do.	..	Nil
†4741	" " " 1½"	"	4 doz.	do.	..	
4742	" " " 2"	"		do.	..	
†4743	Knobs, Brass, and Spindles for Rim Locks, 2¼", milled edge (No. 326 M.E.)	U.K.	300 sets	set	**0 2 2	Briscoe & Co. Ltd.
†4744	Lifts, Sash, brass ring 243 x ¾"	"	20	each	**0 0 7	John Danks & Son Pty. Ltd.
4745	Nil					
†4746	Pulleys, Secret Axle, 1½"	U.K.	14 doz.	dozen	*'0 3 3	McPherson's Pty. Ltd.
†4747	" Sash, brass-faced, 5"	"	24	each	**0 0 8	John Danks & Son Pty. Ltd.
†4748	Pulls, Drawer, Oxidized No. 5042	Vict.	12 doz.	dozen	0 1 2	Briscoe & Co. Ltd.
*4749	Rollers, Gunmetal, slotted, for Window Sashes		18 "	do.	..	Nil
†4750	Rollers, Wooden, Spring, Blind, complete, 48" approx., 1¼" diameter		24 "	do.	..	
†4751	" Wooden, Spring, Blind, complete, 36" approx., 1¼" diameter		8 "	do.	..	
†4752	" Wooden, Spring, Blind, complete, 72" x 1½" diameter		6 "	do.	..	
4753	Stoves, "Dumpy," No. 2, without pipe	Vict.	8	each	0 19 6	Robert Grieves
4754	" " " No. 3	"	4	do.	1 2 6	
4755	" One-fire, 30" x 18" x 27", Federal	"	200	do.	4 9 3	Galliers & Klaerr Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements,	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
BUILDERS' IRONMONGERY—continued.								
4756	Springs, Door, Spiral, 9"	Vict.	30	each	0	0	9	} Briscoe & Co. Ltd.
†4757	" " " " 10"	"	80	do.	0	0	11	
†4758	" " " " 11"	N.S.W.	20	do.	0	1	1	
†4759	Turns, Cupboard, Brass, 1½"	"	60 doz.	dozen	..			John Danks & Son Pty. Ltd.
4760	Stand and Frame, complete, Cast Iron, for 14-gallon copper boiler, with 8' of flue (uncrated)	Vict.	50	each	2	4	6	Nil
4761 to 4796	} Nil							

SUNDRY IRONMONGERY (TOOLS).

The Chain Pulley Blocks under Items Nos. 4819 and 4820 shall be tested by maker to 50 per cent. in excess of capacity and the Contractor shall furnish to the Corporation the test certificate when called upon.

**As regards Items Nos. 4797-4817, 4819-4825, 4827, 4831-4840, 4842-4857, 4859-4914, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 40 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of Telegraphic Transfer Exchange is effective as notified by the Commonwealth Bank.

Items Nos. 4810-4817, 4827, 4837-4839, 4912-4914, the rates are firm as regards conversion and subject to variation for T.T. exchange only.

Bits, Brace, Screw, "Ridgway's"—									
4797	½"	U.K.	72	each	**0	1	2½	} Briscoe & Co. Ltd.	
4798	⅝"	"	48	do.	**0	1	2½		
4799	⅞"	"	48	do.	**0	1	2½		
4800	1"	"	72	do.	**0	1	2½		
4801	1 ⅛"	"	72	do.	**0	1	2½		
4802	1 ¼"	"	72	do.	**0	1	5		
†4803	1 ⅝"	"	72	do.	**0	1	6		
4804	1 ¾"	"	24	do.	**0	1	7		
4805	2"	"	24	do.	**0	1	7		
4806	2 ¼"	"	24	do.	**0	1	9		
4807	2 ½"	"	24	do.	**0	1	10		
4808	2 ¾"	"	24	do.	**0	2	1		
4809	3"	"	24	do.	**0	2	1		
Bits, Nail, German Type—									
4810	Size 4	Germany	72	do.	**0	0	3½		} McPherson's Pty. Ltd.
4811	" 5	"	72	do.	**0	0	3½		
†4812	" 6	"	48	do.	**0	0	3½		
4813	" 7	"	120	do.	**0	0	3½		
4814	" 8	"	168	do.	**0	0	3½		
†4815	" 9 J. E. Bleckman & Son	"	24	do.	**0	0	4		
†4816	" 10	"	24	do.	**0	0	4½		
†4817	" 12	"	24	do.	**0	0	5½		
4818	Bits, Wood Boring, Solid Centre, coarse thread 2" x ½" shank, right hand, any sizes ordered	"	300 8ths.	⅛ of inch	..			John Danks & Son Pty. Ltd.	
Blocks Chain Pulley, provided with 20' lift (40' chain) and 40' hand chain, "Hyper-Acme," Rowland Priest—									
4819	10 cwt.	U.K.	2	each	**6	15	0	} McPherson's Pty. Ltd.	
4820	20 cwt.	"	2	do.	**8	1	0		
†4821	Braces, Carpenters', Ratchet, 12", No. 61	"	20	do.	**0	9	2		
Chisels, Socket (handled), Woodcock Bros—									
4822	½"	"	24	do.	**0	2	0	} Nil	
4823	¾"	"	2	do.	**0	2	2½		
†4824	1"	"	8	do.	**0	2	8½		
4825	1 ¼"	"	12	do.	**0	2	11½		
4826	1 ½"	"	4	do.	..				
†4827	Frames, Hack, Saw, adjustable, pistol grip, Bleckman, No. 59057	Germany	144	do.	**0	2	0	J. Danks & Son Pty. Ltd.	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.	
					£ s. d.		
SUNDRY IRONMONGERY (TOOLS)— <i>continued.</i>							
4828	Irons, Soldering, handled, 1½ lb. (copper bar not cast)	..	12	each	..	Nil	
†4829	" " " 2 lb. (copper bar not cast), W.H. Plumb	N.S.W.	100	do.	0 3 5	} McPherson's Pty. Ltd.	
4830	" " " 2½ lb. (copper bar not cast), W.H. Plumb	"	12	do.	0 4 3		
†4831	Knives, Farriers', Shoeing, P.849, Rodgers ..	U.K.	24	do.	**0 1 9	Briscoe & Co. Ltd.	
†4832	" Shoemakers', " Temporal " ..	"	144	do.	**0 1 0½	James Walker	
†4833	Levels, Spirit, 8", " Rabone's " ..	"	12	do.	**0 1 9	Hardware Co. of Aust. Pty. Ltd.	
4834	Oil Can, short spout, size No. 1 (2½" dia.) Marples No. 7162	..	300	do.	..	Nil	
Oil Feeders, spring, solid steel, fixed spout—							
†4835	½ pint, " L.S. 5 V " Braimes ..	U.K.	200	do.	**0 2 3½	} McPherson's Pty. Ltd.	
†4836	1 pint, " L.S. 7 E " Braimes ..	"	160	do.	**0 3 2½		
†4837	Pliers, 5", angle cutting, Berg's ..	Sweden	24 pair	pair	**0 3 3	} James Walker	
†4838	" 6", square-nosed and cutting, Berg's ..	"	80 "	do.	**0 2 3		
†4839	" 8", " " " " " ..	"	200 "	do.	**0 3 0		
†4840	" Gas, 8", Sheffield Steel Products ..	U.K.	24 "	do.	**0 2 0	} Nil	
†4841	Rakes, steel, handled, 16-teeth ..	..	..	each	..
†4841A	" " " 18-teeth ..	..	..	do.	..
†4842	Rules, Box, 2', fourfold, No. 1378, Rabone's	U.K.	300	do.	**0 1 6½	} McPherson's Pty. Ltd.	
Screwdrivers, Flat Blade, D. Mosceley's—							
4843	3" ..	"	12	do.	**0 0 7¼		
4844	4" ..	"	12	do.	**0 0 8½		
4845	5" ..	"	24	do.	**0 0 10½		
†4846	6" ..	"	96	do.	**0 1 0½		
4847	8" ..	"	24	do.	**0 1 6½		
4848	10" ..	"	12	do.	**0 2 1½		
4849	12" ..	"	12	do.	**0 2 5		
Screwdrivers, Round Blade, Cabinet, Taylor's No. 548—							
4850	3" ..	"	96	each	**0 0 7	} Briscoe & Co. Ltd.	
4851	4" ..	"	12	do.	**0 0 8		
4852	5" ..	"	48	do.	**0 0 9½		
†4853	6" ..	"	168	do.	**0 1 0		
4854	7" ..	"	144	do.	**0 1 1		
4855	8" ..	"	24	do.	**0 1 4		
4856	10" ..	"	72	do.	**0 1 8		
4857	12" ..	"	48	do.	**0 1 10		
†4858	Screws, Hollow Set, ½", Duly & Hansford ..	N.S.W.	288	gross	0 17 6	} McPherson's Pty. Ltd.	
†4859	Scythes, Blades only (Bramble). 24", Tyzack's	U.K.	72	each	**0 8 4½		
†4860	" " " (unbreakable point), 30", Tyzack's	"	288	do.	**0 7 8	Hardware Co. of Aust. Pty. Ltd.	
Snips, Steel, Tinman's, G. Cousin's—							
4861	8" ..	"	12	do.	**0 1 11	} Briscoe & Co. Ltd.	
4862	9" ..	"	12	do.	**0 2 2		
†4863	10" ..	"	48	do.	**0 2 6		
4864	12" ..	"	48	do.	**0 3 3		
4865	14" ..	"	24	do.	**0 4 9		
†4866	Stones, Carborundum, 8" x 2" x 1", Combination, The Carborundum Co. Ltd.	"	48	do.	**0 6 1	} James Walker	
†4867	" Scythe, Carborundum, oval, 191c. The Carborundum Co. Ltd.	"	30 doz.	dozen	**0 12 11		
Spanners, Set, Single Ended, Drop Forged, " Sheffield Steel Products, " milled and hardened—							
4868	½" ..	"	72	each	**0 0 4¾	} McPherson's Pty. Ltd.	
4869	¾" ..	"	72	do.	**0 0 5¾		
4870	1" ..	"	12	do.	**0 0 9		
4871	1½" ..	"	120	do.	**0 0 10		
4872	2" ..	"	120	do.	**0 1 1½		
†4873	2½" ..	"	200	do.	**0 1 7		
4874	3" ..	"	120	do.	**0 2 1½		
4875	3½" ..	"	80	do.	**0 2 11		
4876	4" ..	"	50	do.	**0 3 11½		
4877	4½" ..	"	24	do.	**0 4 9		

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.	
					£ s. d.		
SUNDRY IRONMONGERY (TOOLS)—continued.							
Spanners, Set, Single Ended, Drop Forged— <i>continued.</i>							
4878	1½",	U.K.	24	each	**0 6 8	}	
†4879	1¾"	"	40	do.	**0 7 9		
4880	1¾"	"	40	do.	**0 9 0		
Spanners, Set, Double Ended, Drop Forged, "Sheffield Steel Products," milled and hardened—							
†4881	3" x 1"	"	200	do.	**0 0 11	}	
†4882	3" x 1"	"	168	do.	**0 1 5½		
†4883	3" x 1"	"	200	do.	**0 1 2½		
Spanners, Steel, "Glyburn," Easterbrook, Allcard & Co. Ltd.—							
4884	6" x 1" nut size	"	288	do.	**0 3 3½	}	
4885	8" x 1"	"	144	do.	**0 3 10		
4886	10" x 1"	"	216	do.	**0 4 7½		
4887	12" x 1"	"	72	do.	**0 5 9		
†4888	14" x 1"	"	96	do.	**0 6 3½		
4889	16" x 1"	"	72	do.	**0 7 5		
4890	18" x 1"	"	72	do.	**0 10 4		
4891	21" x 1"	"	48	do.	**0 12 3		
4892	24" x 1"	"	24	do.	**0 14 2		
Spanners, Steel, "Footprint"—Thos. Ellin—							
†4893	5½"	"	120 pairs	pair	**0 1 0¾	} Wm. Adams & Co. Ltd.	
†4894	7"	"	12 "	do.	**0 1 10		James Walker
4895	9"	"	144 "	do.	**0 2 6½	} William Adams & Co.	
†4896	12"	"	24 "	do.	**0 3 8½		Ltd.
4897	14"	"	96 "	do.	**0 5 2		
†4898	Tubes, Spirit Level, 1½" x 11" "Rabone's"	"	12 doz.	dozen	**0 6 3	}	
†4899	" " 2½" x 8" " " "	"	12 "	do.	**0 8 0		
Tapes, Metallic, with flush folding handles, "Rabone's"—							
4900	33', in decimals of yards and feet ..	"	2	each	**0 8 6	}	
†4901	66' " " " " No. 401 ..	"	24	do.	**0 12 3		
4902	66', in links and feet	"	72	do.	**0.12 3		
Refills for Metallic Measuring Tapes, "Ra- bone's"							
4903	33', in decimals of yards and feet ..	"	2	do.	**0 5 11.	}	
†4904	66' " " " "	"	20	do.	**0 7 4		
4905	66', in links and feet	"	60	do.	**0 7 4		
Tapes, Steel, "Rabone's"—							
4906	33', in decimals of yards and feet ..	"	2	do.	**0 15 2	}	
†4907	66' " " " " No. 415 x 3" ..	"	2	do.	**1 2 1		
4908	33', in links and feet	"	2	do.	**0 14 9		
†4909	66' " " " "	"	2	do.	**1 3 6	Hardware Co. of Aust. Pty. Ltd.	
†4910	Trowels, Bricklayers', L.H. or R.H., as ordered, Wm. Hunt & Sons (Brade's Ltd.)	"	48	do.	**0 5 7	}	
†4911	" Plasterers', 11" x 4", Wm. Hunt & Sons (Brade's Ltd.)	"	2	do.	**0 4 11		McPherson's Pty. Ltd.
4912	Wrenches, "Stillson's" type, 14", Gebr Dowidat	Germany	24	do.	**0 3 8	}	
†4913	" " " " 18", Gebr Dowidat	"	24	do.	**0 5 2		
4914	" " " " 24" Gebr Dowidat	"	24	do.	**0 8 0		
4915 to 4950	Nil						

HAMMERS (CAST STEEL).

**As regards Items Nos. 4951, 4955 and 4956, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.		Name of Contractor.
					£	s. d.	
	Hammers, Cast Steel—						
†4951	Claw, with handles equal to Brade's No. 3..	U.K.	200	each	**0	3 9	McPherson's Pty. Ltd.
†4952	Shoeing .. .. .	..	12	do.	..	..
†4953	Engineers, Hand, 1 lb. .. .. .	..	..	..	..	..	} Nil
†4954	" " 1¼ " .. .. .	..	..	..	..	..
†4955	" " 1½ " (Brade's)	U.K.	1,500 lb.	lb.	**0	0 7½	} McPherson's Pty. Ltd.
†4956	" " 2 " "	"			**0	0 7½	
4957 to 4959	} Nil						

PLUMBERS' GOODS AND SEWERAGE MATERIALS.

The Stores supplied under items marked (M) shall be tested by the Melbourne and Metropolitan Board of Works, and shall bear that Board's test marks before delivery. Items marked (BE) shall be tested by the Bendigo Sewerage Authority, and shall bear that Authority's test marks before delivery. Items marked (BA) shall be tested by the Ballarat Sewerage Authority, and shall bear that Authority's test marks before delivery.

As regards Sewerage Materials, the Stores supplied under items other than those marked (M), (BE), and (BA) shall be as approved by the Melbourne and Metropolitan Board of Works, Bendigo Sewerage Authority, and Ballarat Sewerage Authority respectively.

As regards items marked (BA) and (BE), provisional delivery will be accepted at Spencer-street Railway Station.

The Water Meters shall be to the standard of the Melbourne and Metropolitan Board of Works, whose test certificate shall accompany each Meter when delivered.

SPECIFICATION FOR ITEM 5011.—Urinals and Channels.—The urinals shall be 2 feet wide, 12 inches deep, and 3 ft. 10½ in. high, with bottoms rebated for channels. The channel blocks shall be 2 feet long, 6 inches wide, and 3 inches deep, with 4-in. channels, graded to outlets where required. The outlets, 2½-in. diameter, shall be rebated for 3½-in. diameter gratings. The ends of channels shall be stopped where required.

The urinals and channels shall be of the best quality salt-glazed stoneware, all joints shall be ground or clipped and carefully fitted so that when erected in position they will not show in any place a thickness of joint more than ⅜ inch.

Any urinals or channel blocks showing imperfection of glaze, splits, rough spots, or projections rising above the general surface of the glaze will be rejected.

Inspection and Delivery.—The urinals and channels shall be set up by and at the cost of the Contractor for inspection at the works of the manufacturer, and after being inspected to the satisfaction of the Superintending Officer, they shall be properly loaded into railway trucks by and at the cost of the Contractor and consigned as ordered.

SPECIFICATION FOR ITEM 5010.—Trough Lavatories.—The troughs shall be of strong cast-iron, porcelain enamelled inside and painted white outside, of approved section, and about 16 inches wide over all. The castings shall be of convenient length with approved joints, so that when bolted together they shall be true and watertight. Strong wrought-iron brackets shall be supplied with the troughs, one at each joint and one at each end. Bolts and screws shall be supplied, and all necessary fittings for the proper fixing of the trough lavatories. Outlets, 2-in. diameter, with gratings, shall be provided where and when required.

The taps and sprayers shall be nickelplated and as follows:—½-in. high-pressure brass stop-cocks threaded for iron piping, and fitted with ½-in. diameter slightly-bent tubes fitted with fine roses, the tubes and roses shall be about 4 inches in length over all, and shall have ⅜-in. set screws for keeping sprays in position.

One ½-inch high-pressure stop-cock, complete with slightly-bent tube and rose, shall be supplied with every 2 feet length of trough lavatory.

Items 4976-4978 are firm as regards T.T. exchange and conversion.

† Items 5013A, 5015, and 5016, Estate of late S. K. McIvor - Delivery f.o.r. Ballarat.

Items 5013 and 5013A—Orders to be placed on most advantageous contractor considering freight.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
PLUMBERS' GOODS.						
4960	Balls, Fire Plug, Ebonite	Vict.	12	each	0 3 9	J. Danks & Son Pty. Ltd.
†4961	Bitumen Jointing	"	600 lb.	lb.	0 0 1 ³ / ₈	William Adams & Co. Ltd.
	Clips, Bracket, Nickel Silver, with 1 ¹ / ₂ " shanks to fit—					
†4962	3/4" copper pipe	"	24	dozen	1 1 0	} J. Danks & Son Pty. Ltd.
4963	1" copper pipe	"	24	do.	1 4 0	
†4964	1 1/2" copper pipe	"	12	do.	1 10 0	Wm. Bedford Ltd.
†4965	1/2" galvanized wrought-iron pipe ..	"	12	do.	1 1 0	} J. Danks & Son Pty. Ltd.
4966	3/4" galvanized wrought-iron pipe ..	"	12	do.	1 4 0	
	Gates (Taps), Treacle, C.I., japanned, Standard Gas Thread—					
4967	1"	"	48	each	..	} Nil
4968	1 1/2"	"	24	do.	..	
4969	1 1/2"	"	16	do.	..	
4970 to 4975	Nil					
†4976	Tape, Meter, 7/8" wide	U.K.	120 yards	dozen yards	0 3 4	Davies, Shephard Pty. Ltd.
4977	Paste, Soldering, "Stirling" in tins, 2 oz. net	U.S.A.	400 tins	lb.	0 2 7	} Remingtons Pty. Ltd.
4978	Paste, Soldering, "Stirling" in tins, 1 lb. net	"	200 "	"	0 2 5	
4979	Nil					

SEWERAGE MATERIALS.

LAVATORY BASINS, CISTERNS, ETC.

4980	Basins, Lavatory, Cast Iron, porcelain enamelled, flat back, with patent overflows, including nickel-plated tap, 1 1/4" plug and washer (M), and approved cast or wrought iron brackets, 22" x 16", including 1 No. china button for taphole	Vict.	8	each	1 16 6	Currie & Richards Pty. Ltd.
4981	Basins, Lavatory, Cast Iron, porcelain enamelled, flat back, without overflow, including nickel-plated tap, 1 1/4" plug and washer (B), and approved cast or wrought iron brackets, 22" x 16", including 1 No. china button for taphole	..	Nil	..	..
4982	Basins, Lavatory, Cast Iron, porcelain enamelled, flat back, without overflow, including nickel-plated tap, 1 1/4" plug and washer (BA), and approved cast or wrought iron brackets, 22" x 16", including 1 No. china button for taphole	..	Nil	..	..
4983	Basins, Lavatory, Cast Iron, porcelain enamelled, 14" inside measurements, with patent overflow, plug and washer	Vict.	6	each	0 18 6	J. & T. Muir Pty. Ltd.
4984	Basins, Lavatory, Cast Iron, porcelain enamelled, angle, with patent overflow, including nickel-plated tap, 1 1/4" plug and washer (M), and approved cast or wrought iron brackets, 25" x 20", including 1 No. china button for taphole	"	4	do.	1 16 6	Currie & Richards Pty. Ltd.
4985	Basins, Lavatory, Cast Iron, porcelain enamelled, angle, without overflow, including nickel-plated tap, 1 1/4" plug and washer (BE), and approved cast or wrought iron brackets, 25" x 20", including 1 No. china button for taphole	"	8	do.	1 15 6	J. Danks & Son Pty. Ltd.
4986	Basins, Lavatory, Cast Iron, porcelain enamelled, angle, without overflow, including nickel-plated tap, 1 1/4" plug and washer (BA), and approved cast or wrought iron brackets, 25" x 20", including 1 No. china button for taphole	..	Nil	..	..
4987	(M) Cisterns, Cast Iron, glass enamelled, 3-gallon, with cover, high or low pressure ball cock (M), as ordered "Leveson"	Vict.	120	each	1 7 6	J. & T. Muir Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor
					£ s. d.	
SEWERAGE MATERIALS—continued.						
4988	(Bc) Cisterns, Cast Iron, glass enamelled 2-gallon, with cover, high or low pressure ball cock (Bc), as ordered	..	Nil	..	..
4989	(BA) Cisterns, Cast Iron, glass enamelled, 3-gallon, with cover, high or low pressure ball cock (BA), as ordered	..	Nil	..	..
4990	(M) Pans, Closet, Pedestal, Class 4, P. trap ..	Vict.	4	each	1 2 6	Hoffman Brick & Pot-teries Ltd.
4991	(Bc) Pans, Closet, Pedestal, strong cane and white, P. or S. traps, as ordered, vented, and left or right hand, as ordered	..	Nil	..	..	}
4992	(Bc) Pans, Closet, Pedestal, strong cane and white, P. or S. traps, as ordered, unvented, left or right hand, as ordered	..		..	..
4993	(BA) Pans, Closet, Pedestal, strong cane and white, P. or S. traps, as ordered, vented, and left or right hand, as ordered	..		..	..
4994	(M) Pans, Closet, Pedestal, Class 4, S. trap, vented, and right or left hand, as ordered	Vict.	80	each	1 2 6	} Hoffman Brick & Pot-teries Ltd.
4995	(M) Pans, Closet, Pedestal, Class 4, S. trap, unvented, and right or left hand, as ordered	..		do.	1 2 6	
4996	Pans, Closet, Earthenware, for cars, to Drawing No. 6761	..	40	do.	1 18 0	
4997	„ Lavatory, Earthenware, for cars, to Drawing 4072B	..	40	do.	2 7 6	
	(M) Sinks, Cast Iron, porcelain enamelled, with patent overflows, plugs and washers—					
4998	15" x 14" x 7" .. .. .	..	12	do.	1 0 0	} J. & T. Muir Pty. Ltd.
4999	18" x 14" x 7" .. .. .	..	24	do.	1 1 0	
5000	21" x 14" x 7" .. .. .	..	4	do.	1 4 0	
5001	24" x 14" x 7" .. .. .	..	4	do.	1 7 6	
	Sinks, Cast Iron, porcelain enamelled, with- out overflows, including plugs and washers—					
5002	(Bc) 15" x 14" x 7" .. .. .	..	Nil	do.	..	} Nil
5003	(BA) 15" x 14" x 7" .. .. .	..		do.	..	
5004	(Bc) 18" x 14" x 7"	Vict.		20	do.		1 2 6	} John Danks & Son Pty. Ltd.
5005	(BA) 18" x 14" x 7" .. .. .	..	..	do.	..	
5006	(Bc) 21" x 14" x 7" .. .. .	..	Nil	do.	..	} Nil
5007	(BA) 21" x 14" x 7" .. .. .	..		do.	..	
5008	(Bc) 24" x 14" x 7" .. .. .	..		do.	..	
5009	(BA) 24" x 14" x 7" .. .. .	..	..	do.	..	
5010	(M) Trough Lavatories, C.I., porcelain enamelled, with nickel-plated taps and sprays, complete with N.P. waste fitting, W.I. brackets and jointing material, any length of trough ordered (one tap and rose to every 2 feet)	Vict.	60 feet	foot	1 6 0	Shanks & Co. Pty. Ltd.
†5011	Urinals and Channels, salt-glazed, any number of stalls ordered	..	12 stalls	stall	4 5 0 (f.o.r. Mitcham)	Aust. Tessclated Tile Co. Pty. Ltd.
VARIOUS.						
	Valves, Sluice—M.M.B.W. Standard.					
5012	3"	Vict.	6	each	2 9 0	John Danks & Son Pty. Ltd.
5013	4" .. .. .	..	8	do.	2 17 6	} G. P. Thick Estate of late S. K. McIvor
5013A	4" .. .. .	..		do.	‡2 17 6	
5014	5" .. .. .	..	Nil	..	..	Nil
5015	6"	Vict.	4	each	‡4 19 0	} Estate of late S. K. McIvor G. P. Thick
5016	9" .. .. .	..	4	do.	‡10 7 6	
5017	10" .. .. .	..	4	do.	14 10 0	
	Valves, Retention, Spigot and Faucet ends, and to the M.M.B.W. standard—					
5018	3" .. .. .	..	Nil	..	..	} Nil
5019	4" .. .. .	..	Nil	..	..
5020	5" .. .. .	..	Nil	..	..
5021	6" .. .. .	..	Nil	..	..
5022 to 5024	} Nil.					

PLUMBERS' GOODS (GALVANIZED IRONWARE).

The Stores supplied under items marked (M) shall be tested by the Melbourne and Metropolitan Board of Works, and shall bear that Board's test marks before delivery.

As regards Sewerage Materials, the Stores supplied under items other than those marked (M) shall be as approved by the Melbourne and Metropolitan Board of Works Sewerage Authority.

As regards Items Nos. 5048-5051 and 5059-5062, all galvanized articles shall withstand being dipped into a saturated solution of copper sulphate at 15 deg. C. and allowed to remain in the solution for one minute, then withdrawn and wiped clean; the galvanizing shall withstand this process being performed four times without there being any sign of a reddish deposit of metallic copper on the article.

**As regards Items Nos. 5053-5057, 5062, and 5072, the rates include Telegraphic Transfer Exchange between Australia and London at 25½ per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 40 per cent. of the contract rate shall be to the Corporation's account and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

‡As regards Items Nos. 5073 to 5075, the rates are based on Galvanized Iron being obtained at 23s. per cwt.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
	Bolts and Nuts, Galvanized, rolled thread, mushroom slotted head, and square nuts—					
5025	¾" diameter x ¾" and 1" long	Vict.	24 gross	gross	0 2 2	McPherson's Pty. Ltd.
5026	" " ¾" long	"		do.	0 2 4	
5027	" " ¾" "	"		do.	0 2 6	
5028	" " ¾" "	"		do.	0 2 7	
5029	" " 1" "	"		do.	0 2 8	
5030	" " 1¼" "	"		do.	0 2 10	
5031	" " 1" "	"		do.	0 3 6	
5032	" " 1½" "	"		do.	0 3 8	
5033	" " 1¾" "	"		do.	0 3 9	
5034	" " 2" "	"		do.	0 3 10	
5035	" " 1" "	"	240 "	do.	0 4 1	John Danks & Son Pty. Ltd.
5036	" " 1¼" "	"		do.	0 4 5	
5037	" " 1½" "	"		do.	0 4 9	
5038	" " 1¾" "	"		do.	0 5 0	
5039	" " 2" "	"	160 doz.	dozen	0 5 4	John Danks & Son Pty. Ltd.
5040	Clips, Hose, ¾" "	"		dozen	0 1 6	
	Clips, Pipe, Beaded, Galvanized—					
5041	½" or ¾", as ordered	"	20 "	do.	0 0 2½	Currie & Richards Pty. Ltd.
5042	1" "	"	10 "	do.	0 0 4	
	Clips, Vent—					
5043	1¼" for Galvanized Sheet Iron Pipes	"	100	each	0 0 1	John Danks & Son Pty. Ltd.
5044	1¼" for Wrought Iron Pipes	"	100	do.	0 0 1	
5045	1½" for Wrought Iron Pipes	"	100	do.	0 0 1½	W. E. Cash
5046	2" for Wrought Iron Pipes	"	100	do.	0 0 1¾	
5047	Cowls, Educt. 4", 22 gauge	"	20	do.	0 1 3	
	Down-pipe, Galvanized Iron, 24 gauge, in 6' lengths—					
5048	2" "	"	1,500 lgths.	length	0 1 2	John Danks & Son Pty. Ltd.
5049	2½" "	"	1,400 "	do.	0 1 4	
5050	3" "	"	1,000 "	do.	0 1 6	
5051	4" "	"	300 "	do.	0 1 11¼	
	Hooks, Pipe, Galvanized—					
5052	½" "	U.K.	40 doz.	dozen	0 0 8	Briscoe & Co. Ltd.
5053	¾" "			do.	**0 0 8½	
5054	1" "	"	48 "	do.	**0 0 11¼	John Danks & Son Pty. Ltd.
5055	1¼" "			do.	**0 1 1	
5056	1½" "			do.	**0 1 5	Currie & Richards Pty. Ltd.
5057	2" "			do.	**0 1 9	
5058	(M) Offsets, 20 G. 4", with 4" to 6" projections, as ordered	Vict.	8	each	0 8 0	W. E. Cash
5059	Pipes, Flush, any projections ordered (M), 1½"	"	24	do.	0 3 10	
5060	Pipe, Vent, in 6' lengths—	"	80 lgths.	length	0 4 10	
5061	(M) 4" x 20 G.	"	24 "	do.	0 4 0	Currie & Richards Pty. Ltd.
5062	(M) 3" x 20 G.	U.K.	16 cwt.	lb.	**0 0 9¾	
	Screws, Galvanized, cone head, any sizes ordered					
	Spelter—					
5063	No. 1	Vict.	4 "	do.	0 0 7	Spotswood Reclamation Depot
5064	No. 2	"	20 "	do.	0 0 7	
5065	No. 3	"	10 "	do.	0 0 7	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
PLUMBERS' GOODS (GALVANIZED IRONWARE)—continued.						
5066	Spikes and Tubes, Galvanized, for Spouting—					
	6"	Vict.	200 doz.	dozen	0 0 6	} John Danks & Son Pty. Ltd.
5067	7"	"	200 "	do.	0 0 9	
	Strainers, Sheet Iron—					
5068	(M) 1½"	"	20	each	0 0 5	} W. E. Cash
5069	(M) 2"	"	8	do.	0 0 5	
5070	(M) 3"	"	20	do.	0 0 8	
5071	(M) 4"	"	4	do.	0 1 3	
5072	Washers, Cut Iron, Galvanized, any sizes ordered	U.K.	18 cwt.	cwt.	**3 7 6	Currie & Richards Pty. Ltd.
5073	Spouting, Galvanized, 24 gauge, 4½" x 6' ..	Vict.	900 lgths.	length	£0 1 5½	} Workshops Manager, Spotswood
5074	" " " 5" x 6' ..	"	700 "	do.	£0 1 5½	
5075	Ridging, Galvanized, 24 gauge, 18" x 6' ..	"	100 "	do.	£0 2 1½	
5076	Nil					

CAST IRON WATER PIPES.

All Cast-iron Pipes supplied by the Contractor shall be made from the best strong pig iron, free from all defects, and to the forms and dimensions of M.M.B.W. standard as shown on Drawing No. L292/23, equal sided, in 9-ft. lengths for Items Nos. 5077, 5078, 5080 and 5082 and in 12-ft. lengths for Items Nos. 5079, 5081 and 5083, when laid, and having spigot and faucet, the faucet to be properly grooved.

All the Pipes shall be coated internally and externally with coal pitch and oil, according to Dr. Angus Smith's patent process. The surface of the coating on the Pipes shall be quite black, and retain a smooth glossy appearance resembling japanned work. The coating shall adhere firmly to the Pipes all over, and shall be incapable of being mechanically separated therefrom.

The Pipes shall be of the weights shown hereunder, and any Pipe varying more than 2½ per cent. below the weight specified shall be liable to rejection. The Pipes shall be paid for on the weights specified hereunder, and no payment shall be made for any excess over those weights.

Diameter of Pipe.	Effective Length.	Weight.
3 inches	9 feet	122 lb.
4 "	9 "	160 "
4 "	12 "	208 "
6 "	9 "	276 "
6 "	12 "	359 "
9 "	9 "	525 "
9 "	12 "	683 "

Each Pipe shall be capable of satisfactorily withstanding the tests of being submitted to a hydraulic pressure of 250 lb. per square inch, in the manufacturer's yard, before being coated, and of being struck repeatedly with a hammer of not less than 5 lb. weight while under pressure. All such Pipes shall further allow of a wrought iron or steel disc ¼ inch less than the specified diameter of the Pipe being freely put through each Pipe.

Pipes, Cast Iron, Water—						
5077	3", in 9' lengths	Vict.	4 tons	ton	9 10 0	} Montcath & Sons Pty. Ltd.
5078	4", in 9' lengths	"	30 "	do.	9 0 0	
5079	4", in 12' lengths vertically cast	"		do.	9 10 0	
5080	6", in 9' lengths	"	24 "	do.	9 0 0	
5081	6", in 12' lengths vertically cast	"		do.	9 10 0	
5082	9", in 9' lengths	"	8 "	do.	12 17 6	
5083	9", in 12' lengths vertically cast	"		do.	12 17 6	
5084 to 5086	Nil					

IRON, AND MALLEABLE IRON, CASTINGS.

All patterns lent by the Corporation will be delivered to the Contractor at North Melbourne Railway Station, and all such patterns shall be returned to the aforesaid station by and at the expense of the Contractor, in good order and condition, and shall be delivered together with the Castings. In the event of the non-return of any of the patterns, or of their being damaged, the price, to be fixed by the Comptroller of Stores, shall be paid by the Contractor, or may be deducted from any money due to the Contractor by the Corporation.

IRON CASTINGS.

The Contractor shall, during the currency of the Contract, furnish the Comptroller of Stores with the address or addresses of the place or places at which the Iron Castings are being manufactured, and the Comptroller of Stores or any person appointed by him from time to time shall at all times during business hours have free access to such place or places, and shall be afforded every facility for inspecting the Castings ordered while in process of manufacture.

The Castings are to be clean, sharp, free from surface scale, shell, cold shuts, blow holes, honeycomb, cinder, or any other imperfections, and are to be sound in every respect, and thoroughly close in grain. When specially ordered the Castings are to be run with heads or runners of such weight as may be ordered, and no extra charge will be allowed for same, and the Contractor shall remove the head or runner from the Casting where possible in the opinion of the Comptroller of Stores, and charge the Casting at the net weight only, trimmed and clean. In cases where it is necessary to cut off the head in a lathe or machine, such head will be cut off by the Corporation, and will be returned to the railway station nearest to the Contractor's works, and delivered to the Contractor at the said railway station free of cost or carriage.

IRON, AND MALLEABLE IRON, CASTINGS—continued.

Whenever specially ordered, the Castings shall be run from the very best "cold-blast iron" of such particular brand, quality, and mixture as may be described in the order; or of such other substituted mixture as may be approved or directed by the Comptroller of Stores, so as to produce a hard, close, soft or other description of metal, at the option, and to the satisfaction of the Comptroller of Stores.

The whole of the patterns (other than those which will be lent to the Contractor by the Corporation in connexion with any Castings which may be ordered under Item No. 5088) of any Castings ordered under Item No. 5087 shall be provided by and at the sole expense of the Contractor, and the cost of the same shall be deemed to be included in the rate set opposite to this item.

All the Castings are to be of the best description, and when required must be dipped in a mixture of hot Trinidad asphalt and coal tar in the proportions and in the manner adopted by the Melbourne and Metropolitan Board of Works.

No Casting of less than 2 lb. weight shall be ordered under this Contract.

Tests.—When making any lot of Castings the Contractor, when ordered to do so, shall cast at the same time and from the same material at least one test bar in the presence of the Comptroller of Stores or his representative. Such test bar shall be 3 ft. 6 in. long, 2 inches deep x 1 inch wide, and shall be placed in a suitable machine with bearings 3 feet apart. A load of not less than 28 cwt. shall be placed at the centre, which the bar when showing a minimum deflection of .3 inches shall sustain without breaking.

MALLEABLE IRON CASTINGS, WITH PREVAILING SECTIONS NOT OVER 1/2" IN THICKNESS,
ITEMS Nos. 5089 to 5092.

The Castings shall be made to the exact forms and dimensions required by the Corporation, and are to be clean, sharp, free from surface scale, shell, cold shuts, blow holes, honeycomb, cinder, or any other imperfections.

Test Bars taken from any Casting shall conform to the following tests:—

- Tensile strength.—20 tons per square inch minimum.
- Elongation.—7 1/2 % on 2" minimum.
- Bend Test.—30° bend with a radius of 1".

The Corporation shall provide the patterns for all Castings ordered.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per--	Rate.	Name of Contractor.
5087	Castings, Iron, Special Water Supply, of the following standard sizes, or any combination thereof, the patterns for which shall be supplied by the Contractor:—3", 4", 5", 6", 7", 8", 9", and 12", consisting of 1/8", 1/4", or 1/2" bends, tee pieces, cross pieces, and thimbles, hatch boxes, pillar hydrant bends and tees, washout and fire-plug tees, also all fire-plugs and covers, valve covers, and reducing pieces of all irregular sizes; the thickness of metal and dimensions of pipe faucets and overall dimensions to be to the Melbourne and Metropolitan Board of Works standard	Vict.	6 tons	ton	£ 17 10 0	J. & T. Muir Pty. Ltd.
5088	Castings, Iron, Special Water Supply, other than those referred to in Item No. 5087, which may be ordered, for which the Corporation will lend the patterns	"	2 "	do.	19 0 0	
5089	Castings, Malleable Iron—Blackheart, with prevailing section not over 1/2" in thickness— Up to 1 lb.	"	1,120 lb.	lb.	0 0 8	Chief Mechanical Engineer
5090	Over 1 lb. and up to 5 lb.	"		do.	0 0 6	
5091	Over 5 lb. and up to 15 lb.	"		do.	0 0 4	
5092	Over 15 lb.	"		do.	0 0 4	
5093	Castings, Malleable Iron, for use by Electrical Engineering Branch—to Specification. Up to 1 lb.	"	4 cwt.	do.	..	} May be ordered under Items Nos. 5089 to 5092
5094	Over 1 lb. and up to 5 lb.	"	20 "	do.	..	
5095	Over 5 lb. and up to 15 lb.	"	4 "	do.	..	
5096	Over 15 lb.	"	4 "	do.	..	
5097 to 5100	Nil					

DRAPERY, FURNITURE, ETC., No. 1

** As regards Items Nos. 5107, 5108, 5109, 5118, and 5119, the rates include Telegraphic Transfer Exchange between Australia and London at 25 1/2 per cent., and if this rate of exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank

The rates for Items Nos. 5107, 5108, 5118, and 5119 are firm as regards conversion.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
DRAPERY, FURNITURE, ETC., No. 1—continued.								
†5101	Baize, Green, 72" wide	Vict.	100 l. yds.	l. yd.	0	6	0	Gair Manufacturing Co. Pty. Ltd.
*5102	Corduroy, Plush .. .. .	..	100 "	do.	..	..	..	Nil
†5103	Dusters, Feather—	..	..	..	..	..	..	..
†5104	No. 5	Vict.	700	each	0	1	2	} Excelsior Broom Co.
†5104	No. 46 .. .. .	..	800	do.	0	3	9	
†5105	Dusters, Linen, plain .. .. .	..	48 doz.	..	..	..	..	Nil.
†5106	Eyelets and Brewsters, nickel—Double ..	S.A.	6 gross	gross	1	10	0	} Gair Manufacturing Co. Pty. Ltd.
†5107	Hessian, for paperhanging, 72" wide ..	India	400 l. yds.	lin. yd.	**0	0	7½	
†5108	" for upholstery, 72" wide ..	"	3,000 "	do.	**0	1	3½	
*5109	Holland, any colours and widths ordered, best "Lizard"	U.K.	1,600 sq. yds.	sq. yd.	**0	1	8½	} Felt & Textiles of Australia Ltd.
†5110	Felt, vermin proof, ¾" mounted on 14 oz. canvas, 72" wide	N.S.W.	400 l. yds.	l. yd.	0	8	0	
Linoleum—								
†5111	Plain, Brown, 6' wide, "A" quality ..	..	1,200 l. yds.	do.	..	..	..	} Nil
†5112	" Green, 6' wide, "A" quality ..	..	300 l. yds.	do.	..	..	..
†5113	Mops, Cotton, 24-oz., spiked (heads only) No. 200 C.B.	Vict.	} 400 doz.	dozen	1	8	0	} Downs & Son Pty. Ltd.
†5114	" " 16-oz., spiked (heads only) No. 200 C.B.	"		do.	do.	1	0		0
†5115	Staples, breeching, for holding down blinds, ¼", 1½", or 1¾" as ordered	..	2 gross	gross	0	15	0	Gair Manufacturing Co. Pty. Ltd.
†5116	Towels, (Sana Tex), "Camelia" .. .. .	..	400 doz.	dozen	0	1	8	J. Nathan & Co. (Aust.) Pty. Ltd.
†5117	Velvet, Utrecht, 24" wide, green .. .. .	..	200 l. yds.	l. yd.	..	..	..	Nil
FURNITURE.								
Bottoms, Chair, 3-ply., perforated—								
†5118	Round, 16" diameter	Austria	48	each	**0	1	0	} William Hartley Pty. Ltd.
†5119	" 18"	"	48	do.	**0	1	2½	
†5120	Square, 18" x 18" .. .. .	..	96	do.	..	..	..	} Nil
†5121	Chairs, Vienna pattern, with stiffening pieces between the back and seat	..	48	do.	..	..	..
*5122	Chairs, Revolving, low back, "Douglas" ..	..	48	do.	..	..	..	} Nil
*5123	" Office, arm, rigid, "Douglas" ..	..	80	do.	..	..	..
†5124	" Office, modern, rigid (steel preferred)	..	} 50	do.	..	..	..
†5125	" Office, modern, revolving (steel preferred)	..		do.	do.	
5126 to 5139	} Nil							

TIMBER.

The Timber, other than that required for use at Newport and Spotswood Workshops, will be inspected at any railway station at which such Timber shall have been delivered as provided for in clause 12 of the Conditions of Contract, and will be liable to rejection at such railway station in manner provided in clause 13 of the said Conditions of Contract.

No timber required for use at Newport or Spotswood will be inspected until it shall have been received at Newport or Spotswood, and it will then be liable to rejection in manner provided in clause 13 of the said Conditions of Contract.

Notwithstanding anything to the contrary contained in the said clause 13, the Contractor will not be required in respect of any Timber so rejected at Newport or Spotswood to pay carriage on the same to Newport or Spotswood from the railway station at which such Timber so rejected shall have been delivered as aforesaid. In the event of the Contractor requiring such rejected Timber to be carried by rail from Newport or Spotswood to the railway station at which the same was delivered as aforesaid or to any other railway station or siding, full railway freight will be charged therefor.

If the inspection is to be made at the Contractor's yard or River Yarra Wharfs the Timber will be there inspected, passed, and branded by the Receiving Officer, and the Contractor shall, unless directed to the contrary by the Receiving Officer, within 24 hours after such inspection, passing, and branding, deliver to the Corporation at Spencer-street Railway Station the whole of the Timber so inspected, passed, and branded, and failing such delivery within 24 hours aforesaid, the Comptroller of Stores, notwithstanding such inspection, passing, and branding by the Receiving Officer, will be entitled and shall have full power to reject either at the Contractor's yard or the River Yarra Wharfs or after its arrival at Newport or Spotswood the whole or any portion of the Timber in respect of which such failure shall have occurred.

General.—The Timber shall be supplied in such sections or shapes as may be ordered, and be of the first quality, thoroughly seasoned, free from large, loose, or dead knots, shakes, heart, sap, and all other imperfections, thoroughly sound and close grained or free as may be required. Cross-grained Timber will not be accepted.

Timber—Oregon, Sawn.—The grades "Merchantable," "Selected ex Merchantable," and "Imported Selected," No. 2 Clear or Better, shall comply with the grading rules specified in "N" list, adopted by the West Coast Lumbermen's Association and British Columbia Lumber and Shingle Manufacturers Ltd. of America.

TEMBER—continued.

Merchantable.—This grade of Oregon shall consist of sound strong Timber of firm grain and suitable for good substantial constructional purposes, free from loose or dead knots, knot holes, shakes, rot, and defects which materially impair the strength of the piece.

This grade shall contain an average of four (4) or more annular rings to the inch at either one end or the other of the piece.

Selected ex Merchantable.—This grade of Oregon, obtained from the "Merchantable" grade, shall be selected for strength with regard to its suitability for high class constructional and structural purposes. The number and size of knots (small and few of them) and other defects shall be considered in connexion with the size of a piece and so placed that they will not materially impair its strength.

Oregon of this grade shall be of firm grain and shall contain not less than an average of six (6) annular rings to the inch at either one end or the other of the piece.

Imported Selected, No. 2 Clear or Better.—This Timber must be of the first quality selected grade of Oregon, free from all objectionable knots and defects of every description or kind.

This grade shall contain six (6) or more annular rings to the inch at either one end or the other of the piece.

Timber—Hardwood, Australian.—The Timber supplied shall be of the first quality, "Air" or "Kiln" dried, thoroughly seasoned, sapwood being entirely removed, free from insect pests, knots, splits, shakes, heart, wane, gum veins, flaws, and blemishes of every description or kind, uniform in substance throughout.

Each board supplied under Items Nos. 5196-5197 and 5200 shall bear the stamp of the sawmill at which it is milled.

Timber—Pinus Radiata (Insignis).—The Timber supplied shall be of the first quality, "Air" or "Kiln" dried, thoroughly seasoned, free from bark, large, loose, dead or objectionable knots, insect pest, grub holes, splits, shakes, gum veins, heart, wane, flaws and blemishes of every description or kind, uniform in substance throughout.

All knots shall be live and tight, and no knot shall be of such shape as to impair the strength of the timber.

In the event of Timber being ordered for the Works Depot at Laurens-street, North Melbourne, and where such Timber will be supplied ex Metropolitan Yards or ex Wharf, the Contractor shall give delivery by road, and the rates in this Schedule shall include the cost of such delivery. Further, inspection in such instances will not be made until the Timber has been received at the Depot referred to.

Unless the Timber be ordered in lengths involving some fraction of a foot, no fraction of a foot in length will be paid for.

The Contractor will not be required to load the Timber into railway trucks at Spencer-street Goods Sheds.

MOULDINGS, ETC.

The Timber contained in the Mouldings, &c., shall be of the first quality, thoroughly seasoned, free from knots, shakes, heart, sap, and all other imperfections. Trade widths, unless otherwise specified, shall be accepted for all Mouldings, but they shall not be more than ¼ inch under the nominal sizes. Thicknesses shall stand up full to sizes specified in the Schedule.

Newman and Stewart's contract provides for delivery at Spencer-street, Newport, or Spotswood Workshops, or Laurens-street, North Melbourne, at Corporation's option.

These contracts have been accepted subject to the following condition:—The contractor shall not directly or indirectly engage in road transport in competition with the department.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
	Hoop Pine, 1", 1½", 1½", and 2" thick, 10' and up to 18' in length, as ordered—		Super. feet of 1" thick.	100 sup. ft. of 1" thick.				
5140	12" wide	Q'land and N.S.W.	5,000	do.	2	7	0	} Wm. Cook Pty. Ltd.
5141	14" wide			do.	2	9	0	
5142	16" wide			do.	2	11	0	
5143	18" wide			do.	2	13	0	
	Kauri, Queensland, 1", 1½", 1½", and 2" thick, 10' and up to 18' in length, as ordered—							
5144	12" wide	Q'land	5,000	do.	2	16	0	} Chas. Rouch Pty. Ltd.
5145	14" wide			do.	2	18	0	
5146	16" wide			do.	2	19	0	
5147	18" wide			do.	2	19	6	
	Yellow Pine, 1", 1½", 1½", and 2" thick, in random lengths 10' and up to 16'—		Sup. ft. of 1" thick:	100 sup. ft. of 1" thick.				
5148	8" wide	}	Nil	do.				} Nil
5149	10" wide			do.				
5150	12" wide			do.				
5151	14" wide			do.				
5152	16" wide			do.				
5153	18" wide	do.						
	<i>Pinus radiata (insignis)</i> "Air" dried, 12 per cent. moisture content, 1", 1½", 1½", and 2" thick, 10' up to 16' in length, as ordered, ex State Forest, Macedon—							
5154	9" wide	Vict.	5,000	do.	1	1	9	} Neville Smith & Co.
5155	10" wide			do.	1	2	0	
5156	11" wide			do.	1	3	6	
5157	12" wide			do.	1	3	6	
	<i>Pinus radiata (insignis)</i> "Air" or "kiln" dried, 1", 1½", 1½", and 2" thick, in random lengths 10' and up to 16'							
5158	9" wide	}	Nil	do.				} Nil
5159	10" wide			do.				
5160	11" wide			do.				
5161	12" wide			do.				

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
TIMBER—continued.						
	<i>Pinus radiata (insignis)</i> ("Air" or "Kiln" dried, at Contractor's option Items 5163-5163B), 12 per cent. moisture content, ex State Forest, Macedon—			Super. feet of 1" thick.	100 sup. ft. of 1" thick.	
	All sizes, 2" x 1" and up to and including 8" x 4"—					
5162	Up to 18' in length, as ordered, "Air" dried	Vict.	} 10,000	do.	1 1 6	Newman & Stewart
5163	Over 18' to 25' in length, as ordered ..	"		do.	1 3 0	
5163A	Fitches, 10' to 16' in random length— 4" thick x 8" wide and up in random widths	"	} 80,000	do.	0 19 6	} John Sharp & Sons Ltd.
5163B	6" thick x 8" wide and up in random widths	"		do.	0 19 6	
5164	Oregon, Sawn (Battens), 10' and up to 25' in random lengths 1" thick, up to 3" wide, "Merchantable"	..	}	do.	..	}
5165	1" thick, up to 3" wide, "Selected ex Merchantable"	..		do.	..	
5166	Oregon, Sawn,—(Excluding Battens) 10' and up to 32' in random lengths 1" to 2" thick up to 12" wide "Merchantable"	..	}	do.	..	}
5167	1" to 2" thick up to 12" wide, "Selected ex Merchantable"	..		do.	..	
5168	Oregon, Sawn, "Merchantable," over 2" to 12" thick, up to 12" wide Up to 32' in length, as ordered ..	..	}	do.	..	}
5169	Oregon, Sawn, "Merchantable," over 2" to 12" thick, over 12" to 18" wide Up to 32' in length, as ordered ..	..		do.	..	
5170	Oregon, Sawn, "Selected ex Merchantable," over 2" to 12" thick, up to 12" wide Up to 32' in length, as ordered ..	..	}	do.	..	} Nil
5171	Over 32' to 40' in length, as ordered ..	..		do.	..	
5172	Oregon, Sawn, "Selected ex Merchantable" over 2" to 12" thick, over 12" to 18" wide Up to 32' in length, as ordered ..	..	}	do.	..	}
5173	Over 32' to 40' in length, as ordered ..	..		do.	..	
5174	Oregon, Sawn, "Imported Selected" (No. 2 Clear or better), over 2" to 12" thick, up to 12" wide Up to 32' in length, as ordered ..	..	}	do.	..	}
5175	Over 32' to 40' in length, as ordered ..	..		do.	..	
5176	Timber, Oregon, "Fitches," "Selected ex Merchantable" 16' to 32', in random lengths 6" thick x 12" wide and up in random widths	..	}	..	..	}
5177	Timber, Oregon, "Fitches," "Imported Selected No. 2 clear or better." 16' to 32', in random lengths 6" thick x 12" wide and up in random widths	..		Sup. ft. of 1" thick.	100 sup. ft. of 1" thick.		do.	..
5178	Over 32' to 40' in length, as ordered 6" thick x 12" wide and up in random widths	..	}	do.	..	} Nil
5179	12" thick x 12" wide ..	..		do.	..	
5180	Shelving, Yellow Pine, 7/8" thick (finished size), dressed, up to 16' in length, as ordered— 12" wide ..	..	}	Super. feet on face.	100 sup. ft. on face.	do.
5181	14" wide ..	..		do.	..	
5182	16" wide ..	..		do.	..	
5183	18" wide ..	..		do.	..	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.		
					£ s. d.			
TIMBER—continued.								
	Shelving, <i>Pinus radiata (insignis)</i> "Air" dried, 12 per cent. moisture content, $\frac{3}{8}$ " thick (finished size), dressed, up to 16' in length, as ordered, ex State Forest, Macedon—			Super feet on face.	100 sup. ft. on face.			
5184	9" wide	Vict.	} 2,000	do.	1 4 0	} Neville Smith & Co		
5185	10" wide	"		do.	1 4 0			
5186	11" wide	"		do.	1 6 0			
5187	12" wide	"		do.	1 6 0			
	Wrought Red Deal, Baltic, in random lengths, 10' and up—		Run. ft.	100 ft. run.				
5188	6" x $\frac{1}{2}$ ", T. and G. and beaded .. .. .	..	..	do.	..	} Nil
5189	6" x $\frac{3}{8}$ ", T. and G. .. .. .	..	..	do.	..	
5190	6" x $\frac{7}{8}$ ", T. and G. .. .. .	..	..	do.	..	
5191	6" x $1\frac{1}{8}$ ", T. and G. .. .. .	..	..	do.	..	
	Wrought <i>Pinus radiata (insignis)</i> , First Quality, "Air" dried, 12 per cent. moisture content, in random lengths, 10' and up, ex State Forest, Macedon—							
†5192	6" x $\frac{1}{2}$ " T. and G. and beaded or V-jointed, as ordered	Vict.	10,000	do.	0 10 0	H. J. Coy. & Co. Pty. Ltd.		
†5193	6" x $\frac{3}{8}$ ", T. and G.	"	5,000	do.	0 14 0	Neville Smith & Co.		
†5194	6" x $\frac{7}{8}$ ", T. and G.	"	40,000	do.	0 14 4½	Wm. Cook Pty. Ltd.		
†5195	6" x $1\frac{1}{8}$ ", T. and G.	"	20,000	do.	0 17 6	Newman and Stewart		
†5196	Mountain Ash, First Quality, "Air" dried, 12 per cent. moisture content, $3\frac{1}{2}$ " x $\frac{1}{2}$ ", T. and G. or rebated, as ordered, dressed, and V-jointed, in bundles of even lengths, 10' and up	"	150,000	do.	0 6 10½	Wm. Cook Pty. Ltd.		
†5197	Mountain Ash, First Quality, "Air" dried, 12½ per cent. moisture content, $4\frac{1}{2}$ " x $\frac{7}{8}$ ", T. and G., dressed, in bundles of even lengths, 10' and up, "V.I.C."	"	170,000	do.	0 12 0	Parbury, Henty, & Co. Pty. Ltd.		
†5198	<i>Pinus radiata (insignis)</i> , First Quality, "Air" dried, 12 per cent. moisture content, $3\frac{1}{2}$ " x $\frac{1}{2}$ ", T. and G. or rebated, as ordered, dressed, and V-jointed, in bundles of even lengths, 10' and up, ex State Forest, Macedon	"	50,000	do.	0 6 9	} Neville Smith & Co.		
†5199	<i>Pinus radiata (insignis)</i> , First Quality, "Air" dried, 12 per cent. moisture content, $4\frac{1}{2}$ " x $\frac{7}{8}$ ", T. and G., dressed, in bundles of even lengths, 10' and up, ex State Forest, Macedon	"	50,000	do.	0 11 6			
†5200	Stringybark or Mountain Ash, Weatherboards, First Quality, "Air" or "Kiln" dried, at Contractor's option, Bullnosed, produced out of 7" timber and finished $6\frac{1}{4}$ " and upwards, in bundles of even lengths, 10' and up, "Union"	"	78,000	do.	0 12 11	John Sharp & Son Ltd.		
†5201	<i>Pinus radiata (insignis)</i> , Weatherboards, First Quality, "Air" dried, 12 per cent. moisture content, 7" x $\frac{7}{8}$ " (two out of $1\frac{1}{2}$ "), Bullnosed, in bundles of even lengths, 10' and up, ex State Forest, Macedon	"	20,000	do.	0 12 0	Neville Smith & Co.		
†5202	Murray Pine, $3\frac{1}{2}$ " x $\frac{5}{8}$ ", T. and G., dressed, and V-jointed, in bundles of even lengths, 10' and up	"	6,000	do.	0 8 6	Wm. Cook Pty. Ltd.		
†5203	Murray Pine, produced out of 6" x 1" timber and finished, $5\frac{1}{2}$ " x $\frac{7}{8}$ ", T. and G., dressed, in bundles of even lengths, 10' and up	Vict.	} 20,000	Run. ft.	100 ft. run.	do.	0 16 2	H. J. Coy & Co. Pty. Ltd.
†5204	Murray Pine, $4\frac{1}{2}$ " x $\frac{7}{8}$ ", T. and G., dressed, in bundles of even lengths, 10' and up	"		do.	do.	0 11 6	Wm. Cook Pty. Ltd.	
†5205	Murray Pine Skirting, 6" x $\frac{1}{2}$ ", B.N. (finished size)	"		5,000	do.	0 17 6	H. J. Coy & Co. Pty. Ltd.	
5206 to 5224	Nil							

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
TIMBER—continued						
MOULDINGS.—MOUNTAIN ASH, FIRST QUALITY, "AIR" DRIED—12% to 15% MOISTURE CONTENT.						
Architrave, Mountain Ash, D. or S., B.N., $\frac{7}{8}$ " thick (finished thickness)—						
5225	3" wide	Vict.	Run feet.	100 ft. run.	do. 0 9 0	Chas. Rouch Pty. Ltd.
†5226	4" wide	"	1,000	do.	0 11 0	
5227	5" wide	"		do.	0 14 0	
5228	6" wide	"	do.	0 18 0		
†5229	Insertion, Mountain Ash, $1\frac{1}{2}$ " x $\frac{1}{2}$ " (finished sizes)	"	1,000	do.	0 4 0	H. J. Coy & Co. Pty. Ltd.
Scotia, Plain, Mountain Ash—						
†5230	$\frac{7}{8}$ " x $\frac{3}{4}$ " (finished sizes)	"	1,000	do.	0 3 9	John Sharp & Son Ltd.
†5231	$1\frac{1}{8}$ " x $1\frac{3}{8}$ " (finished sizes)	"	1,000	do.	0 6 6	Chas. Rouch Pty. Ltd.
5231A	$1\frac{1}{8}$ " x $1\frac{3}{8}$ " (finished sizes)	"	1,000	do.	0 8 3	H. J. Coy & Co. Pty. Ltd.
†5232	$1\frac{3}{8}$ " x $1\frac{3}{8}$ " (finished sizes)	"	1,000	do.	0 12 0	
5233	$2\frac{3}{8}$ " x $2\frac{7}{8}$ " (finished sizes)	"	1,000	do.	0 14 0	
Skirting, Mountain Ash—						
†5234	7" x $\frac{7}{8}$ ", B.N.	"	1,000	do.	1 0 9	Chas. Rouch Pty. Ltd.
5235	9" x $\frac{7}{8}$ ", B.N.	"	1,000	do.	1 8 6	
Quad. Mouldings, Mountain Ash—						
†5235A	$\frac{7}{8}$ " (finished size)	"	4,000	do.	0 4 0	John Sharp & Sons Ltd.
5236	1" (finished size)	"	2,000	do.	0 4 6	H. J. Coy & Co. Pty. Ltd.
†5237	$1\frac{1}{8}$ " (finished sizes)	"	2,000	do.	0 6 0	
†5238	$1\frac{3}{8}$ " (finished sizes)	"	2,000	do.	0 6 6	Chas. Rouch Pty. Ltd.
Picture Rail, Mountain Ash—						
†5239	$2\frac{1}{2}$ " x 1"	"	500	do.	0 8 0	Wm. Cook Pty. Ltd.
Cover Strips, Mountain Ash—						
†5240	$1\frac{1}{2}$ " x $\frac{3}{8}$ " (finished size)	"	3,000	do.	0 3 0	H. J. Coy & Co. Pty. Ltd.
5241	2" x $\frac{3}{8}$ " (finished size)	"	16,000	do.	0 4 0	
Staff Bead, Mountain Ash—						
†5242	$\frac{7}{8}$ " x $\frac{5}{8}$ " (finished size)	"	500	do.	0 3 0	H. J. Coy & Co. Pty. Ltd.
5243	$1\frac{1}{8}$ " x $\frac{5}{8}$ " (finished size)	"	500	do.	0 4 0	
5244 to 5262	Nil.					
Three and Five Ply Timber, sanded one side, in sheets 6' x 3'—						
5263	Hoop Pine, $\frac{3}{16}$ " thick, three-ply	Q'land.	1,000	100 sq. ft.	do. 0 12 6	Gunnerson, Nosworthy Pty. Ltd.
5264	" " $\frac{1}{4}$ " thick, three-ply	"	200	do.	0 19 0	
5265	" " $\frac{5}{16}$ " thick, five-ply	"	100	do.	1 5 2	Chas. Rouch Pty. Ltd.
5266	Silver Ash, $\frac{1}{16}$ " thick, five-ply	"	100	do.	1 14 0	
5267	Maple, $\frac{1}{8}$ " thick, three-ply	"	100	do.	1 7 6	Gunnerson, Nosworthy Pty. Ltd.
5268	" " $\frac{5}{16}$ " thick, five-ply	"	40	do.	1 17 6	
Three and Five Ply Timber, sanded one side, in sheets 6' x 4'—						
5269	Hoop Pine, $\frac{3}{16}$ " thick, three-ply	"	100	do.	0 16 0	Chas. Rouch Pty. Ltd.
5270	" " $\frac{1}{4}$ " thick, three-ply	"	60	do.	1 2 0	
5271	" " $\frac{5}{16}$ " thick, five-ply	"	60	do.	1 7 0	Gunnerson, Nosworthy Pty. Ltd.
5272	Silver Ash, $\frac{1}{16}$ " thick, five-ply	"	60	do.	2 0 0	
5273 to 5459	Nil					

ASBESTOS CEMENT AND FIBRE PLASTER SHEETS, ETC.

The Asbestos Cement Sheets shall be perfectly rectangular and of the exact dimensions ordered. The face of each sheet shall be true, free from blemish or discoloration.

The Asbestos Cement Sheets shall be properly packed in wooden crates for transport by rail. The battens of crates to be placed not more than 6 inches apart, and no single crate shall contain more than eighteen (18) sheets. (See below *re* charge).

The Fibre Plaster Sheets shall be composed of Pure Plaster of Paris reinforced with approved Sisal hemp. They shall be perfectly rectangular and of the dimensions ordered.

The face of each sheet shall be true, free from blemish and discoloration.

All edges shall be cleanly cut.

The Fibre Plaster Sheets, prior to delivery, shall be inspected at the works of the manufacturer and shall be properly packed in wooden crates for transport by rail. The battens of crates to be placed not more than 6 inches apart, and no single crate shall contain more than fourteen (14) sheets.

ASBESTOS CEMENT AND FIBRE PLASTER SHEETS—*continued.*

As regards Item 5460—3d. per yard extra will be charged for crating, with a minimum charge of 7s. 6d. f.o.r. Sunshine. If required city delivery, 1d. per square yard extra, with a minimum of 3s.

Items Nos. 5463-5481B—If desired, the sheets shall be properly packed in approved crates for transport by rail, at the following rates:—

Items Nos. 5463-5479—In standard crates containing approximately 6 cwt., 3d. per square yard; minimum 7s. 6d. In bulk crates containing approximately 30 cwt., 2d. per square yard; minimum 15s. In bulk crates containing from 30 cwt. to 2 tons, 1d. per square yard; minimum 15s.

Items Nos. 5480-5481B—A rate equivalent to 15 per cent. of the value of the goods; minimum 5s.

The orders to indicate, if any, the packing required.

Delivery will be given in railway trucks as under:—

Item 5460—Sunshine or city delivery at extra rates, as shown above.

Items Nos. 5461 and 5462—Coburg or Spencer-street.

Items Nos. 5463-5481B, 5483 and 5484—in trucks, company's siding, Brooklyn.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
†5460	Asbestos Cement Sheets, plain, $\frac{3}{8}$ " thick, in the following sizes—3', 4', 5', 6', 7', 8', 9', 10', 11', and 12' long x 4', 3', 2', and 18" wide	Vict.	200 sq. yds.	sq. yd.	£ 0 2 7	Wunderlich Ltd.
†5461	Fibre Plaster Sheets, $\frac{1}{4}$ " thick, crated, any trade size ordered	"	3,000 "	do.	0 1 4½	} Coburg Plasterboard Co. Pty. Ltd.
†5462	Fibre Plaster Sheets, $\frac{1}{2}$ " thick, $\frac{3}{4}$ " rebate on all edges, crated, any size ordered up to 10' x 4'	"	100 "	do.	0 2 3	
	Asbestos Cement Corrugated Sheets, $\frac{3}{8}$ " thick x 2' 7½" wide. Corrugations to be $\frac{11}{16}$ " deep x 3" pitch—					
5463	4' long	"	} 200 sheets	each	0 3 10	
5464	5' "	"		do.	0 4 9	
5465	6' "	"		do.	0 5 9	
†5466	7' "	"		do.	0 6 8	
5467	8' "	"		do.	0 7 7	
5468	9' "	"		do.	0 8 7	
5469	10' "	"		do.	0 9 6	
	Asbestos Cement Corrugated Sheets, approximately $\frac{1}{4}$ " thick x 3' 5¼" wide, corrugations to be 1½" deep x 5¼" pitch—					
5470	5' long	"	} 1,200 sheets	do.	0 6 3	} James Hardie & Co. Ltd.
5471	6' long	"		do.	0 7 6	
5472	6' 6" long	"		do.	0 8 1	
5473	7' long	"		do.	0 8 9	
†5474	7' 6" long	"		do.	0 9 5	
5475	8' long	"		do.	0 10 0	
5476	8' 6" long	"		do.	0 10 7	
5477	9' long	"		do.	0 11 3	
5478	9' 6" long	"		do.	0 11 10	
5479	10' long	"		do.	0 12 6	
†5480	Ridging, Asbestos Cement, 8" wings in 6' lengths	"	40 lengths	lin. ft.	0 0 10	
†5481	" Asbestos Cement, 12" wings, in 6' lengths	"	30 "	do.	0 1 2	
†5481A	" Asbestos Cement, approximately 9" wings, in lengths of 3' 6¾" (net. cover 3' 3½"), suitable for corrugated sheets 3' 5¾" wide	"	} 500 lin. ft.	do.	0 2 3	
†5481B	Ridging, Asbestos Cement, approximately 9" wings in lengths of 3' 2" (net. cover 2' 10¼"), suitable for corrugated sheets 3' 4" wide	"		do.	0 2 3	
†5482	Vents, Plaster of Paris, 9" x 6" x 1"	"	12	each	..	Nil
†5483	Washers, Concave Galvanized Steel, for securing Asbestos Cement Corrugated Roofing as per items 5463 to 5469	"	12 gross	gross	0 1 9	} James Hardie & Co. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
ASBESTOS CEMENT AND FIBRE PLASTER SHEETS, ETC.—continued.						
†5483A	Washers, Concave Galvanized Steel, for securing Asbestos Cement Corrugated Roofing as per Items Nos. 5470-5479	Vict.	38 gross	gross	0 1 9	James Hardie & Co. Ltd.
†5484	Washers, Rexlite (or other similar material), for securing Asbestos Cement Corrugated Roofing	"	50 "	do.	0 1 3	
5485 to 5493	Nil.					

SUNDRY BROOMS AND BRUSHWARE.

Item 5499. Tender is accepted to the sample broom submitted on 1st May, 1933.

Brooms—							
†5494	Bass	Vict.	2,700	each	0 1 11½	Royal Victorian Institute for the Blind	
†5495	Bassine, 24"	"	120	do.	0 3 6		
*5496	Bass and Cane, cane front and back, 16" x 7" stock	"	12	do.	0 3 6		
†5497	Hair, small	"	2,800	do.	0 3 0		
†5498	" 24"	"	1,000	do.	0 8 8		
†5499	Millet and Cane	"	2,500	do.	0 2 3		
Brushes—							
†5500	Bottle twisted wire	"	30	do.	0 0 4	John Zevenboom & Co.	
*5501	Car Cleaning—Fibre, wire drawn	"	1,600	do.	0 0 9½		
†5502	Channel	"	24	do.	0 1 6	Royal Victorian Institute for the Blind	
†5503	Damping, flat, copper ferrule, brass pins, 4"	"	100	do.	0 1 9		
†5504	Dandy	"	48	do.	0 0 10¾	John Zevenboom & Co.	
†5505	Distemper, Fibre	"	72	do.	0 1 3		
†5506	Dusters, Painters'	"	200	do.	0 1 8	Royal Victorian Institute for the Blind	
+5507	Driven Fibre	"	600	do.	0 1 4	John Zevenboom & Co.	
†5508	Flue	"	100	do.	0 0 7		
†5509	Hand, Banister	"	2,400	do.	0 2 2	Royal Victorian Institute for the Blind	
†5510	" " Bassine	"	48	do.	0 1 3		
†5511	Instrument	"	16	do.	..	Nil	
*5512	Louvre, Washing	"	120	do.	0 0 6½	John Zevenboom & Co.	
†5513	Lye (Printers')	"	24	do.	..	Nil	
†5514	Pan	Vict.	40	do.	0 0 6	Royal Victorian Institute for the Blind	
†5515	Pick	"	48	do.	0 0 9½	J. Zevenboom & Co.	
*5516	For cleaning railway points	"	1,000	do.	0 0 4¾		
*5517	Scouring, Bristle	"	200	do.	0 1 1		
†5518	Scrubbing, Hand	"	1,400	do.	0 0 5¾	Royal Victorian Institute for the Blind	
†5519	" Angle, Scrub Fibre	"	200	do.	0 1 6½		
†5520	Sewer	"	120	do.	0 1 6	John Zevenboom & Co.	
†5521	Stencil, 1"	"	200	do.	0 0 7		
†5522	" 1½", Tarpaulin	"	12	do.	0 1 10½	John Zevenboom & Co.	
†5523	Tar, handled	"	240	do.	0 1 2		
*5524	Typewriter	"	96	do.	0 0 6	Royal Victorian Institute for the Blind	
†5525	Wire, 1½" diameter, for cleaning boiler tubes	"	240	do.	0 1 1		
†5526	" 2" diameter, for cleaning boiler tubes	"	100	do.	0 1 1		
†5527	Whisks, Hand	"	1,800	do.	0 0 7½		
Refilling Heads for Chimney Sweepers—							
†5528	With Whalebone	"	12	do.	..	Nil	
†5529	With Cane	"	12	do.	..	Nil	
PAINTERS' BRUSHES.							
Brushes, Painters'—							
†5530	Flat, 2"	Vict.	50	do.	0 1 2	J. Zevenboom & Co.	
†5531	Flat, 3"	"	50	do.	0 2 9		
†5532	3/0	"	600	do.	0 11 0		
†5533	Distemper, 6", Flat	"	50	do.	0 12 0		
Brushes, Varnish—Black Bristle, Bevelled Edge—							
†5534	¾" thick x 1" wide	"	48	do.	0 0 6½	Gibaud & Son Pty. Ltd.	
†5535	¾" thick x 2" wide	"	700	do.	..		Nil
†5536	¾" thick x 3" wide	Vict.	600	do.	0 2 4		J. Zevenboom & Co.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
SUNDRY BROOMS AND BRUSHWARE—continued.						
†5537	Brushes, Varnish—White Bristle, Fitches, Tin bound, flat— 9/16" x 1/8"	Vict.	160	each	0 0 6	T. Mitchell & Co. Pty. Ltd.
†5538	7/8" x 3/8"	"	120	do.	0 0 8	J. Zevenboom & Co.
†5539	1" x 1/2"	"	1,000	do.	0 1 2	Gibaud & Sons Pty. Ltd.
Brushes—						
†5540	Wall, 3"	"	1,000	do.	0 2 0	J. Zevenboom & Co.
†5541	Weatherboard, 3 1/2"	"	500	do.	0 2 8	
†5542	" 4"	"	480	do.	0 3 2	
Tools, Sash—						
†5543	No. 1	"	200	do.	0 0 4	J. Zevenboom & Co.
†5544	No. 4	"	240	do.	0 0 3 1/4	
†5545	No. 5	"	200	do.	0 0 10	
†5546	No. 6	"	400	do.	0 1 0	
†5547	No. 8	"	900	do.	0 1 8	
†5548	No. 9	"	48	do.	0 2 0	
†5549	No. 12	"	150	do.	0 4 6	
STEEL BRUSHES.						
Brushes, Steel—						
*5550	Flat (oxy-welders	"	400	do.	0 1 7 1/4	Gibaud & Sons Pty. Ltd. J. Zevenboom & Co.
*5551	" with handles 48" long	"	1,600	do.	0 2 3	
*5552	Moulders'	"	60	do.	0 2 0	
*5553	Large (Blacksmiths')	"	50	do.	0 2 6 1/2	
*5554	Round Handled, Foundry (Blacksmiths')	"	50	do.	0 1 2	
*5555	Brushes, Steel, fitted with 55" wooden handle, for cleaning Vertical Grids of Spark Arresters on "C," "K," and "N" class Engines	"	80	do.	0 8 0	
5556 to 5570	Nil					

BOLTS AND NUTS.

(Black.)

SPECIFICATION.

BLACK BOLTS AND NUTS. Items 5572 to 5714 inclusive.

Quality of Material.—The Bolts and Nuts shall be manufactured from mild steel, which is in accordance with Australian Standard Specification No. A1/1928, for Grade "A" steel.

Particulars.—The threads of all Bolts and Nuts shall be in accordance with the requirements of British Standard Specification, No. 92/1919.

Hexagonal and square bolt heads and nuts shall be in accordance with Table II., from British Standard Specification No. 28/1908.

Cup and countersunk bolt heads shall be in accordance with V.R. Drawing No. 8903.

Tee headed bolts shall be in accordance with V.R. Drawing No. 8906.

The shanks of all black bolts shall be within the tolerances shown on V.R. Drawing No. 8903.

The Bolts supplied under this Schedule shall be threaded to the lengths as shown in the following tables, Nos. 1 and 2 :—

TABLE No. 1.

Diameter of Bolt	Length of Bolts.	1/2 in.	3/4 in.	1 in.	1 1/4 in.	1 1/2 in.	1 in.
		Length of Thread.	Length of Thread.	Length of Thread.	Length of Thread.	Length of Thread.	Length of Thread.
1 in. to 1 1/4 in.		In. 1/2	In. 1	In. 1 1/2	In. 2	In. 2 1/2	In. 3
1 1/2 " 2 "		1 1/2	1	1 1/2	1 1/2	1 1/2	1 1/2
2 " 2 1/2 "		1 1/2	1	1 1/2	1 1/2	1 1/2	1 1/2
2 1/2 " 3 "		1 1/2	1	1 1/2	1 1/2	1 1/2	1 1/2
3 " 4 "		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
4 1/2 " 8 "		1	1 1/2	1 1/2	1 1/2	2	2 1/2
8 1/2 " 12 "		1	1 1/2	1 1/2	2	2 1/2	2 1/2
12 1/2 " 20 " (excluding 12 1/2 in. x 7/8")		1	1 1/2	2	2	2 1/2	2 1/2
12 1/2 in.						3	

BOLTS AND NUTS—continued.

Bolts, larger and longer than above, shall be threaded three times the diameter of the rod, excepting sizes and diameter specified in Table 2 hereunder.

TABLE No. 2 (for Item No. 5638.)

Length of Bolt.	Diameter.	Length of Thread.
Over 12" up to 15"	Inches. $\frac{1}{2}$	Inches. $2\frac{1}{2}$
15"	$\frac{3}{4}$	3
18" and over	$\frac{1}{2}$	3

Inspection and Rejection.—The black bolts and nuts shall be subjected to such inspection and tests as may be required by the Comptroller of Stores to ascertain if they are in accordance with this specification. In the event of their failing to comply they shall be rejected.

‡ Minimum quantity of each Item to be ordered at one time:—

Items 5621 and 5622	5 cwt.
Items 5623-5629	10 "
Item No. 5652	10 "
Item No. 5669	10 "

When practicable, orders are to be placed on the Chief Mechanical Engineer, but should lesser quantities be required, or should supply by the Chief Mechanical Engineer be unduly delayed, orders are to be placed on contractors under alternative A Items.

Mephan Ferguson Pty. Ltd.—Delivery at West Footscray railway station or Metropolitan Receiving Depot, as desired by Department.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.	
					£	s.	d.		
*5571	Bolts, Fishplate, 2" x $\frac{1}{2}$ "	Vict.	18 cwt.	cwt.	2	2	0	Mephan, Ferguson Pty. Ltd.	
	Bolts, M. Steel, with Cup Head, Square Neck, and Square Nut (as specified)—								
5572	$\frac{1}{4}$ " diameter x 2" in length and under	"	120 gross	gross	0	4	3	} McPherson's Pty. Ltd.	
5573	$\frac{1}{4}$ " diameter x over 2" in length	"	240 "	do.	0	5	6		
5574	$\frac{5}{16}$ " diameter x 2" in length and under	"	20 "	do.	0	5	3		
5575	$\frac{5}{16}$ " diameter x over 2" in length	"	140 "	do.	0	7	0		
5576	$\frac{5}{16}$ " diameter x 3" in length and under	"	800 "	do.	0	7	3		
5577	$\frac{5}{16}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length	"	200 "	do.	0	9	8		
5578	$\frac{5}{16}$ " diameter x over 6" in length	"	80 cwt.	cwt.	1	12	3		
5579	$\frac{7}{16}$ " diameter x 5 $\frac{1}{2}$ " in length	"	4 "	do.	1	16	0		} S. G. Sewell Pty. Ltd.
5580	$\frac{7}{16}$ " diameter x 6" in length	"	4 "	do.	1	15	0		
5581	$\frac{1}{2}$ " diameter x 3" in length and under	"	20 "	do.	1	11	9		} McPherson's Pty. Ltd.
5582	$\frac{1}{2}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length	"	56 "	do.	1	7	3		
5583	$\frac{1}{2}$ " diameter x over 6" in length	"	20 "	do.	1	5	0		
5584	$\frac{1}{2}$ " diameter x 3" in length and under	"	2 "	do.	1	11	0		
5585	$\frac{1}{2}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length	"	50 "	do.	1	6	3	} S. G. Sewell Pty. Ltd.	
5586	$\frac{5}{8}$ " diameter x 6 $\frac{1}{4}$ " to 12" in length	"	100 "	do.	1	3	0			} McPherson's Pty. Ltd.
5587	$\frac{5}{8}$ " diameter x over 12" in length	"	4 "	do.	1	3	0	} Mephan, Ferguson Pty. Ltd.	
5588	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x 3 $\frac{1}{2}$ " to 6" in length	"	60 "	do.	1	4	0		
5589	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x 6 $\frac{1}{4}$ " to 12" in length	"	20 "	do.	1	2	6		
5590	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x over 12" in length	"	20 "	do.	1	0	6	S. G. Sewell Pty. Ltd.	
	Bolts, M. Steel, with Cup Head, Square Neck, and Hexagon Nut—								
5591	$\frac{1}{4}$ " diameter x 2" in length and under	"	200 gross	gross	0	4	4	} McPherson's Pty. Ltd.	
5592	$\frac{1}{4}$ " diameter x over 2" in length	"	120 "	do.	0	5	7		
5593	$\frac{5}{16}$ " diameter x 2" in length and under	"	"	do.	"	"	"	Nil	
5594	$\frac{5}{16}$ " diameter x over 2" in length	Vict.	12 gross	do.	0	7	6	} McPherson's Pty. Ltd.	
5595	$\frac{5}{16}$ " diameter x 3" in length and under	"	400 "	do.	0	7	8		
5596	$\frac{5}{16}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length	"	300 cwt.	cwt.	1	19	9	} S. G. Sewell Pty. Ltd.	
5597	$\frac{5}{8}$ " diameter x over 6" in length	"	12 "	do.	1	15	9		
5598	$\frac{1}{2}$ " diameter x 3" in length and under	"	280 "	do.	1	15	0	} Nil	
5599	$\frac{1}{2}$ " diameter x 5 $\frac{1}{2}$ " in length	"	"	"	"	"	"		
5600	$\frac{1}{2}$ " diameter x 6" in length	"	"	"	"	"	"		

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
BOLTS AND NUTS—continued.								
Bolts, M. Steel, with Cup Head, Square Neck, and Hexagon Nut (as specified)— <i>continued.</i>								
5601	$\frac{1}{2}$ " diameter x $3\frac{1}{4}$ " to 6" in length ..	Vict.	400 cwt.	cwt.	1	9	0	} S. G. Sewell Pty. Ltd.
5602	$\frac{1}{2}$ " diameter x over 6" in length ..	"	100 "	do.	1	6	3	
5603	$\frac{3}{8}$ " diameter x 3" in length and under..	"	4 "	do.	1	13	0	} McPherson's Pty. Ltd.
5604	$\frac{3}{8}$ " diameter x $3\frac{1}{4}$ " to 6" in length ..	"	32 "	do.	1	9	0	
5605	$\frac{3}{8}$ " diameter x $6\frac{1}{4}$ " to 12" in length ..	"	40 "	do.	1	4	9	} S. G. Sewell Pty. Ltd.
5606	$\frac{3}{8}$ " diameter x over 12" in length ..	"	"	"	"	"	"	
5607	$\frac{3}{8}$ ", $\frac{7}{8}$ ", and 1" diameter x $3\frac{1}{4}$ " to 6" in length ..	Vict.	8 cwt.	cwt.	1	7	6	} Nil
5608	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x $6\frac{1}{4}$ " to 12" in length ..	"	"	"	"	"	"	
5609	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x over 12" in length ..	Vict.	4 cwt.	cwt.	1	2	0	Mephan, Ferguson Pty. Ltd.
Bolts, M. Steel, with Hexagon Head, Round Neck, and Hexagon Nut (as specified)—								
5610	$\frac{1}{4}$ " diameter x 2" in length and under..	"	1,000 gross	gross	0	5	2	} McPherson's Pty. Ltd.
5611	$\frac{1}{4}$ " diameter x over 2" in length ..	"	40 "	do.	0	6	8	
5612	$\frac{5}{16}$ " diameter x 2" in length and under ..	"	380 "	do.	0	6	7	
5613	$\frac{5}{16}$ " diameter x over 2" in length ..	"	12 "	do.	0	8	4	
5614	$\frac{3}{8}$ " diameter x 3" in length and under..	"	600 "	do.	0	9	6	
5615	$\frac{3}{8}$ " diameter x $3\frac{1}{8}$ " to 6" in length ..	"	2 cwt.	cwt.	2	5	0	
5616	$\frac{3}{8}$ " diameter x over 6" in length ..	Vict.	4 cwt.	cwt.	1	18	0	
5617	$\frac{7}{16}$ " diameter x $4\frac{1}{2}$ " in length ..	"	2 "	do.	2	16	0	
5618	$\frac{7}{16}$ " diameter x 5" in length ..	"	"	"	"	"	"	
5619	$\frac{7}{16}$ " diameter x $5\frac{1}{2}$ " in length ..	"	"	"	"	"	"	
5620	$\frac{1}{2}$ " diameter x 3" in length and under ..	Vict.	300 cwt.	cwt.	2	0	0	} McPherson's Pty. Ltd.
5621	$\frac{1}{2}$ " diameter x $3\frac{1}{4}$ " to 6" in length ..	"	100 "	do.	†1	13	6	
5621A	$\frac{1}{2}$ " dia. x $3\frac{1}{4}$ " to 6" in length ..	"	"	do.	1	13	6	} McPherson's Pty. Ltd. Chief Mechanical Engineer
5622	$\frac{1}{2}$ " diameter x over 6" in length ..	"	"	do.	†1	8	9	
5622A	$\frac{1}{2}$ " dia. x over 6" in length ..	"	8 "	do.	1	8	9	} S. G. Sewell Pty. Ltd. Chief Mechanical Engineer
5623	$\frac{5}{8}$ " diameter x 3" in length and under..	"	"	do.	†1	12	6	
5623A	$\frac{5}{8}$ " dia. x 3" in length and under ..	"	40 "	do.	1	12	6	} McPherson's Pty. Ltd. Chief Mechanical Engineer
5624	$\frac{5}{8}$ " diameter x $3\frac{1}{4}$ " to 6" in length ..	"	"	do.	†1	7	6	
5624A	$\frac{5}{8}$ " dia. x $3\frac{1}{4}$ " to 6" in length ..	"	260 "	do.	1	7	6	} S. G. Sewell Pty. Ltd. Chief Mechanical Engineer
5625	$\frac{5}{8}$ " diameter x over 6" in length ..	"	"	do.	†1	4	9	
5625A	$\frac{5}{8}$ " dia. x over 6" in length ..	"	100 "	do.	1	4	9	} McPherson's Pty. Ltd. Chief Mechanical Engineer
5626	$\frac{3}{4}$ " diameter x $2\frac{3}{4}$ " in length ..	"	"	do.	†1	7	0	
5626A	$\frac{3}{4}$ " dia. x $2\frac{3}{4}$ " in length ..	"	"	do.	1	7	0	} McPherson's Pty. Ltd. Chief Mechanical Engineer
5627	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x 3" in length and under ..	"	800 "	do.	†1	6	9	
5627A	$\frac{3}{4}$ ", $\frac{7}{8}$ " and 1" dia. x 3" in length and under ..	"	"	do.	1	6	9	} S. G. Sewell Pty. Ltd. Chief Mechanical Engineer
5628	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x $3\frac{1}{4}$ " to 6" in length ..	"	200 "	do.	†1	4	3	
5628A	$\frac{3}{4}$ ", $\frac{7}{8}$ " and 1" dia. x $3\frac{1}{4}$ " to 6" in length ..	"	"	do.	1	4	3	} McPherson's Pty. Ltd. Chief Mechanical Engineer
5629	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x over 6" in length ..	"	100 "	do.	†1	2	0	
5629A	$\frac{3}{4}$ ", $\frac{7}{8}$ " and 1" dia. x over 6" in length ..	"	"	do.	1	2	0	} McPherson's Pty. Ltd. Chief Mechanical Engineer
5630	$1\frac{1}{8}$ " diameter x $2\frac{1}{2}$ " in length ..	"	"	"	"	"	"	
5631	$1\frac{1}{8}$ " diameter x $4\frac{1}{2}$ " to 6" in length ..	Vict.	10 "	cwt.	1	5	0	Mephan, Ferguson Pty. Ltd.
5632	$1\frac{1}{8}$ " diameter x over 6" in length ..	"	"	"	"	"	"	Nil
Bolts, M. Steel, with Square Head, Round Neck, and Square Nut—								
5633	$\frac{5}{8}$ " diameter x $3\frac{1}{4}$ " to 6" in length ..	Vict.	4 cwt.	cwt.	1	7	0	} S. G. Sewell Pty. Ltd.
5634	$\frac{5}{8}$ " diameter x $6\frac{1}{4}$ " to 12" in length ..	"	20 "	do.	1	2	6	
5635	$\frac{5}{8}$ " diameter x over 12" in length ..	"	4 "	do.	1	2	0	} McPherson's Pty. Ltd.
5636	$\frac{3}{4}$ " diameter x $2\frac{1}{2}$ " in length ..	"	"	"	"	"	"	
5637	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x $3\frac{1}{4}$ " to 6" in length ..	Vict.	2 cwt.	cwt.	1	7	6	Mephan, Ferguson Pty. Ltd.
5638	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x over 6" in length ..	"	1,000 "	do.	0	18	0	McPherson's Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
BOLTS AND NUTS—continued.						
	Bolts, M. Steel, with Square Head, Round Neck, and Hexagon Nut (as specified)—					
5639	$\frac{3}{8}$ " diameter x 3" in length and under ..	..	..	..	..	Nil
5640	$\frac{3}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	Vict.	2 cwt.	cwt.	2 16 0	McPherson's Pty. Ltd.
5641	$\frac{3}{8}$ " diameter x 3" in length and under ..	..	..	..	..	Nil
5642	$\frac{3}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	Vict.	2 cwt.	cwt.	1 17 3	S. G. Sewell Pty. Ltd.
5643	$\frac{3}{8}$ " diameter x 6 $\frac{1}{4}$ " to 12" in length ..	..	..	..	..	Nil
5644	$\frac{3}{8}$ " diameter x over 12" in length ..	..	..	..	..	Nil
5645	$\frac{3}{8}$ " diameter x 3" in length and under ..	Vict.	2 cwt.	cwt.	1 13 0	Mephan, Ferguson Pty. Ltd.
5646	$\frac{3}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	..	..	..	Nil
5647	$\frac{3}{8}$ " diameter x 6 $\frac{1}{4}$ " to 12" in length ..	Vict.	2 cwt.	cwt.	1 5 0	S. G. Sewell Pty. Ltd.
5648	$\frac{3}{8}$ " diameter x over 12" in length ..	..	..	..	..	Nil
5649	$\frac{3}{8}$ " diameter x 2 $\frac{1}{2}$ " in length ..	..	..	..	..	Nil
5650	$\frac{3}{8}$ ", $\frac{7}{8}$ ", and 1" diameter x 3 $\frac{1}{4}$ " to 6" in length ..	Vict.	4 cwt.	cwt.	1 9 0	Mephan, Ferguson Pty. Ltd.
5651	$\frac{3}{4}$ ", $\frac{7}{8}$ ", and 1" diameter x over 6" in length ..	..	2 cwt.	do.	0 19 0	Mephan, Ferguson Pty. Ltd.
5652	Bolts, M. Steel, with Square Head, Round Neck, 2 Hexagon Nuts, $\frac{5}{8}$ " diameter x 9 $\frac{3}{8}$ " in length (as specified)	..	..	do.	†1 13 6	Chief Mechanical Engineer
5652A	Bolts, M. with Steel, square head, round neck, 2 hexagon nuts, $\frac{5}{8}$ " dia. x 9 $\frac{3}{8}$ " in length (as specified)	..	20 cwt.	do.	1 13 6	McPherson's Pty. Ltd.
	Bolts, M. Steel, Countersunk Head, Square Neck, and Hexagon Nut (as specified)—					
5653	$\frac{1}{4}$ " diameter x 2" in length and under ..	Vict.	12 gross	gross	0 8 6	McPherson's Pty. Ltd.
5654	$\frac{1}{4}$ " diameter x over 2" in length ..	..	..	..	..	Nil
5655	$\frac{1}{8}$ " diameter x 2" in length and under ..	..	..	..	..	Nil
5656	$\frac{1}{8}$ " diameter x over 2" in length ..	Vict.	8 gross	gross	0 15 0	McPherson's Pty. Ltd.
5657	$\frac{1}{8}$ " diameter x 3" in length and under ..	..	40 "	do.	0 11 0	McPherson's Pty. Ltd.
5658	$\frac{1}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	2 cwt.	cwt.	2 16 0	McPherson's Pty. Ltd.
5659	$\frac{1}{8}$ " diameter x over 6" in length ..	..	2 "	do.	2 4 0	McPherson's Pty. Ltd.
5660	$\frac{1}{8}$ " diameter x 3" in length and under ..	Vict.	10 "	do.	1 18 0	S. G. Sewell Pty. Ltd.
5661	$\frac{1}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	10 "	do.	1 13 0	S. G. Sewell Pty. Ltd.
5662	$\frac{1}{8}$ " diameter x over 6" in length ..	..	2 "	do.	1 12 0	McPherson's Pty. Ltd.
5663	$\frac{1}{8}$ " diameter x 3" in length and under ..	..	2 "	do.	1 16 0	S. G. Sewell Pty. Ltd.
5664	$\frac{1}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	2 "	do.	1 11 0	McPherson's Pty. Ltd.
5665	$\frac{1}{8}$ " diameter x over 6" in length ..	..	2 "	do.	1 8 6	Mephan, Ferguson Pty. Ltd.
5666	$\frac{1}{8}$ ", $\frac{3}{8}$ ", and 1" x 3" in length and over ..	..	4 "	do.	1 7 6	Mephan, Ferguson Pty. Ltd.
5667	$\frac{1}{8}$ " diameter x 1 $\frac{3}{8}$ ", Slotted Heads, Round Neck, and Pinhole (as specified)	..	..	..	..	Nil
	Bolts, M. Steel, with Hexagon Head, Round Neck, and 2 Hexagon Nuts (as specified)—					
5668	$\frac{3}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	..	..	..	Nil
5669	$\frac{3}{8}$ " diameter x 3" in length and under ..	Vict.	100 cwt.	cwt.	†1 14 6	Chief Mechanical Engineer
5669A	$\frac{3}{8}$ " diameter x 3" in length and under ..	..	..	do.	1 14 6	McPherson's Pty. Ltd.
5670	$\frac{3}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	4 "	do.	1 12 0	McPherson's Pty. Ltd.
5671	$\frac{3}{8}$ " diameter x 3" in length and under ..	..	10 "	do.	1 9 6	McPherson's Pty. Ltd.
5672	$\frac{3}{8}$ " diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	12 "	do.	1 7 0	McPherson's Pty. Ltd.
5673	1" diameter x over 6" in length ..	..	2 "	do.	1 10 0	McPherson's Pty. Ltd.
	Bolts, M. Steel, Cup Head, Nibbed Neck, Hexagon Nut (as specified)—					
5674	$\frac{1}{2}$ " diameter x 3" in length and under ..	..	2 "	do.	3 14 0	Mephan, Ferguson Pty. Ltd.
5675	$\frac{1}{2}$ " diameter x 3" in length and under ..	..	10 "	do.	3 4 6	Mephan, Ferguson Pty. Ltd.
5676	$\frac{1}{2}$ " diameter x 3" in length and under ..	..	8 "	do.	2 6 0	Mephan, Ferguson Pty. Ltd.
5677	1" diameter x 3" in length and under ..	..	4 "	do.	2 1 0	S. G. Sewell Pty. Ltd.
5678	1" diameter x 3 $\frac{1}{4}$ " to 6" in length ..	..	4 "	do.	1 16 0	Mephan, Ferguson Pty. Ltd.
	Bolts, M. Steel, with Hexagon Head and screwed up to the Neck, if required, Hexagon Nuts (as specified)—					
5679	1" x $\frac{3}{8}$ ", with two Nuts ..	..	..	..	..	Nil
5680	2 $\frac{1}{4}$ " x $\frac{3}{8}$ ", with two Nuts ..	..	..	..	..	Nil
5681	2 $\frac{1}{4}$ " x $\frac{3}{8}$ ", with two Nuts ..	..	..	..	..	Nil
5682	3" x $\frac{3}{8}$ ", with two Nuts and Pinhole ..	Vict.	1 cwt.	cwt.	2 15 0	McPherson's Pty. Ltd.
5683	3 $\frac{1}{4}$ " x $\frac{3}{8}$ ", with two Nuts and Pinhole ..	..	..	..	..	Nil
5684	4 $\frac{1}{4}$ " x $\frac{3}{8}$ ", with two Nuts ..	Vict.	1 "	cwt.	2 3 0	Mephan, Ferguson Pty. Ltd.
5685	5 $\frac{1}{4}$ " x 1", with two Nuts, Pinhole, and Reducing Points (as specified)	..	1 "	do.	2 0 0	Mephan, Ferguson Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.	
					£ s. d.		
BOLTS AND NUTS—continued.							
	Bolts, M. Steel, T Head, with Hexagon Nut— (as specified)						
5686	1½" x ½"	Vict.	4 cwt.	cwt.	3 8 0	S. G. Sewell Pty. Ltd.	
5687	2" x ½"	"	4 "	do.	3 0 0	McPherson's Pty. Ltd.	
5688	2" x ¾"	"	"	"	"	Nil	
5689	2¼" x ½"	Vict.	2 cwt.	cwt.	2 18 0	McPherson's Pty. Ltd.	
5690	2½" x ½"	"	1 "	do.	3 0 0	Mephan, Ferguson Pty. Ltd.	
5691	3" x ½"	"	"	"	"	Nil	
5692	5½" x ½"	"	"	"	"	Nil	
5693	Bolts, M. Steel Galvanized, Hexagon Head, Round Neck, Hexagon Nut, each bolt complete with two square washers, 1½" x 1½" x ½" thick x 1½" round hole—½" diameter x 9" to 16" in length, as ordered (as specified)		Vict.	40 cwt.	cwt.	1 12 6	McPherson's Pty. Ltd.
5694	Bolts, M. Steel, T Head, Round Neck, Hexagon Nut, ¾" diameter, 6" in length and over, as ordered (as specified)		"	"	"	} Nil	
5695	Bolts, M. Steel, Bed, ½" or ¾" diameter x 6" to 12" in length, as ordered (as specified)		"	"	"		
5696	Bolts, M. Steel, Cheese Head, Square Neck and Nut, ½" diameter x 6" to 12" in length, as ordered (as specified)		"	"	"		
	Bolts, M. Steel, Countersunk Head, Nibbed Neck, Hexagon Nut (as specified)—						
5697	½" diameter x 2" in length and under	Vict.	10 gross	gross	1 5 0	} McPherson's Pty. Ltd.	
5698	½" diameter x 3" in length and under	"	2 cwt.	cwt.	2 8 0		
5699	¾" diameter x 3" in length and under	"	40 "	do.	2 1 6	} Mephan, Ferguson Pty. Ltd.	
5700	¾" diameter x 3¼" to 6" in length	"	2 "	do.	1 17 0		
5701	¾" diameter x over 6" in length	"	2 "	do.	1 12 0	Nil	
5702	¾" diameter x 2½" in length	"	"	"	"	Nil	
5703	¾" diameter x 3¼" to 6" in length	Vict.	2 cwt.	cwt.	1 11 0	Mephan, Ferguson Pty. Ltd.	
	Nuts, M. Steel, Black, Hexagon (as specified)—						
5704	1" thick	"	"	"	"	Nil	
5705	1" thick	Vict.	2 cwt.	cwt.	9 10 0	} McPherson's Pty. Ltd.	
5706	1" thick	"	10 "	do.	7 0 0		
5707	1" thick	"	6 "	do.	3 15 0		
5707A	1" thick	"	120 "	do.	2 1 0		
5708	1" thick	"	60 "	do.	1 17 6		
5708A	1" thick	"	200 "	do.	1 12 6		
5709	1" thick	"	120 "	do.	1 12 0		
5710	1" thick	"	120 "	do.	1 12 0		
5711	1½" thick	"	2 "	do.	1 15 0		
5712	1½" thin	"	2 "	do.	2 9 6		
5712A	1½" thick	"	8 "	do.	1 15 0		
5713	1½" thick	"	8 "	do.	1 15 0		
5714	7/8" thin	"	4 "	do.	2 9 6		
5715	7/8" thin	"	6 "	do.	2 9 6		
5716	7/8" thin	"	8 "	do.	2 9 6		
5717	1" thin	"	6 "	do.	2 9 6		
5718	1¼" thin	"	2 "	do.	2 15 0		
5719	1½", 1¾", 2", 2½" thick, as ordered	Up to 1½" Vic. over 1½" U.K.	2 "	do.	2 10 0		
5720 to 5769	} Nil						

BLACK STEEL WASHERS.

SPECIFICATION.

BLACK STEEL WASHERS.—Items 5770 to 5834 inclusive.

Quality of Material.—The Black Steel Washers shall be manufactured from Steel which is in accordance with Australian Standard Specification No. A1-1928, for Grade "A" Steel.

Freedom from Defects.—The Washers shall be sound, free from cracks, rough and jagged edges, and all other defects, and shall be finished in a workmanlike manner.

Inspection and Tests.—The Washers shall be subjected to such inspection and tests as may be required by the Comptroller of Stores to ascertain if they are in accordance with this Specification. In the event of their failure to comply they shall be rejected.

SPRING STEEL WASHERS.—Items 5835 to 5845A inclusive.

Quality of Material.—The Spring Washers shall be manufactured from best quality carbon, or approved alloy Steel made by the open-hearth or electric process.

Freedom from Defects.—The Spring Steel Washers shall be free from cracks, rough and jagged edges, and all other defects, and finished in a workmanlike manner.

Samples.—The Tenderer shall submit with his tender samples of the Spring Washers he tenders to supply, such samples will be subjected to the following tests—"pressure, reaction, fracture, and hardness"; and all deliveries of Spring Washers under this Contract shall show no appreciable variation from such samples.

Orders on A. J. Read to be in lots of not less than 1 cwt. of each size, as far as possible.

Delivery will be given in railway trucks at:—

McPherson's Pty. Ltd., Spencer-street (Metropolitan Receiving Depot).

A. J. Read, Spencer-street (Metropolitan Receiving Depot).

Mephan, Ferguson Pty. Ltd., West Footscray or Spencer-street.

C. Stevens, Spotswood.

Henderson's Federal Spring Works Pty. Ltd., Spencer-street.

The rates for Items 5835, 5835A, 5836, and 5839, are firm as regards exchange.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
Washers, Steel, Black, Round Plate, with round hole, as specified—								
	dia. thick hole							
5770	1" x 1/8" x 1/16"	.. .. .	1 cwt.	cwt.	1	12	0	} A. J. Read
5771	1" x 3/8" x 1/16"	.. .. .	10 "	do.	1	5	6	
5772	1 1/8" x 1/8" x 1/16"	.. .. .	10 "	do.	1	9	9	} McPherson's Pty. Ltd.
5773	1 1/8" x 1/8" x 1/16"	.. .. .	20 "	do.	1	4	6	
5774	1 1/4" x 1/8" x 1/16"	.. .. .	1 "	do.	1	12	6	} A. J. Read
5775	1 1/4" x 1/8" x 1/16"	.. .. .	6 "	do.	1	4	0	
5776	1 1/4" x 1/8" x 1/16"	.. .. .	20 "	do.	1	3	0	} Nil
5777	1 3/8" x 1/8" x 1/16"	.. .. .	..	..	..	..	..
5778	1 3/8" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} McPherson's Pty. Ltd.
5779	1 3/8" x 1/8" x 1/16"	.. .. .	2 cwt.	cwt.	1	11	9	
5780	1 3/8" x 1/8" x 1/16"	.. .. .	2 "	do.	1	3	0	} A. J. Read
5781	1 3/8" x 1/8" x 1/16"	.. .. .	60 "	do.	1	2	6	
5782	1 3/8" x 1/8" x 1/16"	.. .. .	2 "	do.	1	3	0	} Nil
5783	1 3/8" x 1/8" x 1/16"	.. .. .	..	..	..	..	..
5784	1 3/8" x 1/8" x 1/16"	.. .. .	60 cwt.	cwt.	1	2	6	} A. J. Read
5785	1 3/8" x 1/8" x 1/16"	.. .. .	1 "	do.	1	3	0	
5786	2" x 1/8" x 1/16"	.. .. .	2 "	do.	1	10	0	} C. Stevens
5787	2" x 1/8" x 1/16"	.. .. .	40 "	do.	1	2	6	
5788	2" x 1/8" x 1/16"	.. .. .	2 "	do.	1	3	0	} A. J. Read
5789	2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..
5790	2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} Nil
5791	2 1/2" x 1/8" x 1/16"	.. .. .	6 cwt.	cwt.	1	3	0	
5792	2 1/2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} Nil
5793	2 1/2" x 1/8" x 1/16"	.. .. .	32 cwt.	cwt.	1	2	6	
5794	2 1/2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} Nil
5795	2 1/2" x 1/8" x 1/16"	.. .. .	20 cwt.	cwt.	1	2	6	
5796	2 1/2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} Nil
5797	2 1/2" x 1/8" x 1/16"	.. .. .	30 cwt.	cwt.	1	3	0	
5798	2 1/2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} Nil
5799	2 1/2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..
5800	2 1/2" x 1/8" x 1/16"	.. .. .	2 cwt.	cwt.	1	3	0	} A. J. Read
5801	2 1/2" x 1/8" x 1/16"	.. .. .	6 "	do.	1	3	6	
5802	2 1/2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} Nil
5803	2 1/2" x 1/8" x 1/16"	.. .. .	8 cwt.	cwt.	1	5	9	
5804	2 1/2" x 1/8" x 1/16"	.. .. .	..	..	..	..	..	} McPherson's Pty. Ltd.
5805	2 1/2" x 1/8" x 1/16"	.. .. .	2 cwt.	cwt.	1	5	9	
5806	2 3/4" x 1/8" x 1/16"	.. .. .	8 "	do.	1	5	9	} McPherson's Pty. Ltd.
5807	2 3/4" x 1/8" x 1/16"	.. .. .	2 "	do.	1	5	9	
5808	3" x 1/8" x 1/16"	.. .. .	4 "	do.	1	5	9	} A. J. Read
5809	4" x 1/8" x 2 1/16"	.. .. .	8 "	do.	1	4	0	
5810	4" x 1/8" x 2 1/16"	.. .. .	1 "	do.	1	6	0	} Nil
5811	4" x 1/4" x 2 1/4"	.. .. .	..	..	..	..	..

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
WASHERS—continued.								
Washers, Steel, Black, Square Plate, with round hole, as specified—								
5812	2" x 2" x 1/4" x 7/16" hole	Vict.	2 cwt.	cwt.	0	19	6	} McPherson's Pty. Ltd.
5813	2" x 2" x 1/4" x 9/16" "	"	2 "	do.	0	19	6	
5814	2" x 2" x 1/4" x 11/16" "	"	20 "	do.	0	19	6	
5815	2" x 2" x 1/4" x 13/16" "	"	2 "	do.	0	19	6	
5816	2 1/2" x 2 1/2" x 1/4" x 11/16" "	"	2 "	do.	0	19	6	
5817	2 1/2" x 2 1/2" x 1/4" x 13/16" "	"	12 "	do.	0	19	6	
5818	2 1/2" x 2 1/2" x 1/4" x 15/16" "	"	4 "	do.	0	19	6	
5819	2 1/2" x 2 1/2" x 1/4" x 1 1/16" "	"	2 "	do.	0	19	6	
5820	3" x 3" x 1/4" x 9/16" "	"	2 "	do.	0	19	0	
5821	3" x 3" x 1/4" x 11/16" "	"	2 "	do.	0	19	0	
5822	3" x 3" x 1/4" x 13/16" "	"	20 "	do.	0	19	0	
5823	3" x 3" x 1/4" x 15/16" "	"	20 "	do.	0	19	0	
5824	3" x 3" x 1/4" x 1 1/16" "	"	2 "	do.	0	19	0	
5825	3" x 3" x 1/4" x 1 1/16" "	"	2 "	do.	0	19	0	
5826	3" x 3" x 1/4" x 1 1/16" "	"	2 "	do.	0	19	0	
5827	3" x 3" x 1/4" x 1 1/16" "	"	6 "	do.	0	19	0	
5828	3" x 3" x 1/4" x 1 1/16" "	"	2 "	do.	0	19	0	
5829	3" x 3" x 1/4" x 1 1/16" "	"	2 "	do.	0	19	0	
Washers, Steel, Black, Square Plate, with square hole, as specified—								
5830	3 1/2" x 3 1/2" x 3/8" x 15/16" hole	"	} Nil
5831	3 1/2" x 3 1/2" x 5/16" x 13/16" " .. ..	"	..	..	..	..	..
Washers, Steel, Black, Round Plate, with square hole, as specified—								
dia. thick								
5832	1 1/2" x 1/8" x 11/16" hole	"	} Nil
5833	1 1/2" x 1/8" x 9/16" " .. ..	"	..	..	..	..	..
5834	2" x 1/8" x 11/16" "	Vict.	2 cwt.	cwt.	1	4	0	C. Stevens
Washers, Spring Steel, Round, as specified—								
5835	1/4" x 1/16" square section	U.K.	40 gross	gross	0	0	6	} McPherson's Pty. Ltd.
5835A	3/16" x 1/16" " "	"	100 "	do.	0	0	5	
5835B	1/4" x 1/8" " "	Vict.	40 "	do.	0	0	10	} Henderson's Federal Spring Works Pty. Ltd.
5836	1" x 3/32" " "	U.K.	24 "	do.	0	0	8	
5836A	1 1/2" x 1/8" " "	Vict.	200 "	do.	0	0	11	} Henderson's Federal Spring Works Pty. Ltd.
5836B	1 1/2" x 1/4" " "	"	180 "	do.	0	0	11	
5837	1 1/2" x 1/16" " "	"	6 "	do.	0	0	10	} Henderson's Federal Spring Works Pty. Ltd.
5838	1 1/2" x 3/16" " "	"	4 "	do.	0	2	6	
5839	1 1/2" x 1/4" " "	U.K.	24 "	do.	0	1	4	} McPherson's Pty. Ltd.
5840	1 1/2" x 3/16" " "	Vict.	6 "	do.	0	3	0	
5841	1 1/2" x 1/8" " "	"	40 "	do.	0	2	0	} Henderson's Federal Spring Works Pty. Ltd.
5842	1 1/2" x 3/16" " "	"	10 "	do.	0	3	0	
5843	1 1/2" x 1/16" " "	"	10 "	do.	0	3	0	
5844	1 1/2" x 3/16" " "	"	200 "	do.	0	3	0	
5845	1 1/2" x 1/8" " "	"	6 "	do.	0	3	0	
Washers, Spring Steel, Flat—								
5845A	1 1/2" x 1/4" x 1/8" "	"	168 "	do.	0	3	0	

STEEL RIVETS.

SPECIFICATION.

STEEL RIVETS.—Items 5846 to 5876 inclusive.

Particulars.—The Steel Rivets shall be in accordance with Australian Standard Specification, A.1-1928, as applied to rivets, and in accordance with the dimensions shown on V.R. Drawing, No. 8889, amended 11th April, 1933.

Inspection Tests.—The Mild Steel Rivets shall be subjected to such inspection and tests as may be required by the Comptroller of Stores to ascertain if they are, in accordance with this Specification. In the event of their failing to comply they shall be rejected.

STEEL RIVETS—continued.

Orders placed with the Workshops Manager for the Rivets to be manufactured by the Rolling Stock Branch are to be for the following minimum quantities of any one diameter at one time:—

Item No. 5853A ..	10 cwt.	Item No. 5859A ..	20 cwt.
Item No. 5854A ..	10 cwt.	Item No. 5860A ..	30 cwt.
Item No. 5855A ..	15 cwt.	Item No. 5861A ..	30 cwt.
Item No. 5856A ..	20 cwt.	Item No. 5862A ..	40 cwt.
Item No. 5857A ..	20 cwt.	Item No. 5863A ..	30 cwt.
Item No. 5858A ..	20 cwt.	Item No. 5864A ..	40 cwt.

If quantities as desired by Chief Mechanical Engineer cannot be ordered, or in the event of delay in delivery, orders should be issued on Contractors.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
	Rivets, Mild Steel, Cup or Pan Head, as ordered (as specified)—					
5846	$\frac{3}{16}$ " dia. x $\frac{1}{2}$ " in length	Vict.	2 cwt.	cwt.	1 17 6	} McPherson's Pty. Ltd.
5847	$\frac{3}{8}$ " dia. x $\frac{1}{2}$ ", $\frac{5}{8}$ " or $\frac{3}{4}$ " in length, as ordered	"		do.	1 7 0	
5848	$\frac{3}{8}$ " dia. x $\frac{7}{8}$ " or 1" in length, as ordered	"		do.	1 7 0	
5849	$\frac{3}{8}$ " dia. x $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", $1\frac{1}{2}$ " or 2" in length, as ordered	"	300 "	do.	1 7 0	
5850	$\frac{3}{8}$ " dia. x $2\frac{1}{4}$ ", $2\frac{1}{2}$ " or 3" in length, as ordered	"		do.	1 7 0	
5851	$\frac{1}{2}$ " dia. x $\frac{5}{8}$ ", $\frac{7}{8}$ " or 1" in length, as ordered	"	2 "	do.	1 10 9	
5852	$\frac{1}{2}$ " dia. x $1\frac{1}{4}$ ", $1\frac{1}{2}$ " or 2" in length, as ordered	"		do.	1 10 9	
5853	$\frac{1}{2}$ " dia. x $\frac{3}{4}$ ", $\frac{7}{8}$ " or 1" in length, as ordered	"		do.	1 8 9	
5853A	$\frac{1}{2}$ " dia. x $\frac{3}{4}$ ", $\frac{7}{8}$ " or 1" in length as ordered	"		do.	1 8 9	
5854	$\frac{1}{2}$ " dia. x $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", $1\frac{1}{2}$ " or 2" in length, as ordered	"		do.	1 8 9		} Chief Mechanical Engineer McPherson's Pty. Ltd.
5854A	$\frac{1}{2}$ " dia. x $1\frac{1}{8}$ ", $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", $1\frac{1}{2}$ " or 2" in length, as ordered	"	1,600 "	do.	1 8 9	
5855	$\frac{1}{2}$ " dia. x $2\frac{1}{4}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ " or 3" in length, as ordered	"		do.	1 8 9	Chief Mechanical Engineer McPherson's Pty. Ltd.
5855A	$\frac{1}{2}$ " dia. x $2\frac{1}{4}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ " or 3" in length, as ordered	"		do.	1 8 9	Chief Mechanical Engineer
5856	$\frac{5}{8}$ " dia. x $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", $1\frac{3}{8}$ " or 2" in length, as ordered	"		do.	1 1 9	Chief Mechanical Engineer McPherson's Pty. Ltd.
5856A	$\frac{5}{8}$ " dia. x $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", $1\frac{3}{8}$ " or 2" in length, as ordered	"		do.	1 1 9	Chief Mechanical Engineer
5857	$\frac{5}{8}$ " dia. x $2\frac{1}{4}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ " or 3" in length, as ordered	"	200 "	do.	1 1 9	Chief Mechanical Engineer McPherson's Pty. Ltd.
5857A	$\frac{5}{8}$ " dia. x $2\frac{1}{4}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ " or 3" in length, as ordered	"		do.	1 1 9	Chief Mechanical Engineer
5858	$\frac{5}{8}$ " dia. x over 3" in length, as ordered	"		do.	1 1 9	Chief Mechanical Engineer McPherson's Pty. Ltd.
5858A	$\frac{5}{8}$ " dia. x over 3" in length, as ordered	"		do.	1 1 9	Chief Mechanical Engineer
5859	$\frac{3}{4}$ " dia. x 1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ " or 2" in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer McPherson's Pty. Ltd.
5859A	$\frac{3}{4}$ " dia. x 1", $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ " or 2" in length, as ordered	"	1,000 "	do.	0 18 3	Chief Mechanical Engineer
5860	$\frac{3}{4}$ " dia. x over 2" in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer McPherson's Pty. Ltd.
5860A	$\frac{3}{4}$ " dia. x over 2" in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer
5861	$\frac{13}{16}$ " dia. x 2", $2\frac{1}{4}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ ", 3" or $3\frac{1}{4}$ " in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer McPherson's Pty. Ltd.
5861A	$\frac{13}{16}$ " dia. x 2", $2\frac{1}{4}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ ", 3", or $3\frac{1}{4}$ " in length, as ordered	"	200 "	do.	0 18 3	Chief Mechanical Engineer
5862	$\frac{13}{16}$ " dia. x over 3" in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer McPherson's Pty. Ltd.
5862A	$\frac{13}{16}$ " dia. x over 3" in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer
5863	$\frac{7}{8}$ " dia. x $1\frac{1}{2}$ ", 2", $2\frac{1}{4}$ ", $2\frac{3}{8}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ ", 3" or $3\frac{1}{2}$ " in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer McPherson's Pty. Ltd.
5863A	$\frac{7}{8}$ " dia. x $1\frac{1}{2}$ ", 2", $2\frac{1}{4}$ ", $2\frac{3}{8}$ ", $2\frac{1}{2}$ ", $2\frac{3}{4}$ ", 3", or $3\frac{1}{2}$ " in length, as ordered	"	100 "	do.	0 18 3	Chief Mechanical Engineer
5864	$\frac{7}{8}$ " dia. x over 3" in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer McPherson's Pty. Ltd.
5864A	$\frac{7}{8}$ " dia. x over 3" in length, as ordered	"		do.	0 18 3	Chief Mechanical Engineer

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.		Name of Contractor.				
					£	s. d.					
STEEL RIVETS— <i>continued.</i>											
5865	Rivets, Mild Steel, Cup or Pan Head, as ordered (as specified)— <i>continued.</i> 1 1/8" dia. x 2 1/4", 3", 3 1/4", 3 3/4" or 4" in length, as ordered	Vict.	20 cwt.	cwt.	0	18	3				
5866	1 1/8" dia. x over 4" in length, as ordered ..							do.	0	18	3
5867	1" dia. x 4" in length and over as ordered ..							do.	0	18	3
Rivets, Mild Steel, Flat, Countersunk Head—											
5868	3/8" dia. x 2" in length and under ..	..	4 "	do.	1	10	6			
5869	1/2" dia. x 2" in length and under ..	..	20 "	do.	1	3	6			
5870	3/4" dia. x 2" in length and under ..	..	20 "	do.	1	0	6			
5871	1" dia. x over 2" in length ..	..	20 "	do.	0	19	3			
5872	1 1/8" dia. x over 2" in length ..	..	10 "	do.	0	19	3			
5873	1" dia. x over 2" in length ..	..	10 "	do.	0	19	3			
Rivets, Mild Steel, Cup, Countersunk Head—											
5874	1 1/8" dia. x over 2" in length ..	..	10 "	do.	1	2	0			
5875	1 1/4" dia. x over 2" in length ..	..	20 "	do.	1	2	0			
5876	1 1/2" dia. x over 2" in length ..	..	4 "	do.	1	2	0			
5877	} Nil										
to											
5919											

McPherson's Pty. Ltd.

CAST STEEL, ETC.

SPECIFICATION.

CAST STEEL—Items 5920 to 6025 inclusive.

Quality of Material.—The Cast Steel shall be of the very best quality suitable for the manufacture of the various classes of tools, or of the grade shown opposite the various items in the Schedule, and shall be free from all injurious defects.

Branding.—Each Cast Steel bar shall be branded with the name of the manufacturer and the brand, grade, or quality of the steel supplied.

** The rates include Telegraphic Transfer Exchange between Australia and London at 25 1/2 per cent., and if this rate of Exchange be varied during the contract period, the difference calculated on 60 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of T.T. Exchange is effective as notified by the Commonwealth Bank.

Steel, Cast, Blacksmiths' quality—Octagon—							
5920	1"	cwt.	} Nil
5921	1 1/8"	..	..	..	..	do.
5922	1 1/4"	..	..	..	..	do.
5923	1 3/8"	..	..	..	..	do.
5924	1 1/2"	..	..	..	..	do.
5925	1 3/4"	..	..	..	..	do.
Round—"Marsh Bros. and Co. Ltd."—							
5926	1"	do.	} Frank Wells Pty. Ltd.
5927	1 1/8"	..	..	..	..	do.
5928	1 1/4"	..	..	..	..	do.
5929	1 3/8"	..	..	..	..	do.
5930	1 1/2"	..	..	..	..	do.
5931	1 3/4"	..	..	..	..	do.
5932	1 7/8"	..	..	..	..	do.
5933	2"	..	..	..	..	do.
5934	2 1/4"	..	..	..	..	do.
Steel, Cast, Miners' Drill—							
Octagon—							
5935	7/8"	do.	Nil
Steel, Cast, Best Warranted — Round —							
Brown Bayley's "S.S.S.S."							
5936	1/2"	do.	} F. Dawborn Pty. Ltd.
5937	5/16"	..	..	..	..	do.
5938	3/8"	..	..	..	..	do.
5939	1/2"	..	..	..	..	do.
5940	5/8"	..	..	..	..	do.
5941	3/4"	..	..	..	..	do.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
CAST STEEL, ETC.—continued.						
	Steel, Cast, Best Warranted — Round— Brown Bayley's "S.S.S.S."—continued.					
5942	$\frac{3}{8}$ "	U.K.		cwt.	**3 18 0	F. Dawborn Pty. Ltd.
5943	$\frac{7}{8}$ "	"		do.	**3 18 0	
5944	1"	"		do.	**3 18 0	
5945	$1\frac{1}{8}$ "	"		do.	**3 18 0	
5946	$1\frac{1}{4}$ "	"		do.	**3 18 0	
5947	$1\frac{3}{8}$ "	"		do.	**3 18 0	
5948	$1\frac{1}{2}$ "	"		do.	**3 18 0	
5949	$1\frac{5}{8}$ "	"		do.	**3 18 0	
5950	$1\frac{3}{4}$ "	"		do.	**3 18 0	
5951	2"	"		do.	**3 18 0	
5952	$2\frac{1}{4}$ "	"		do.	**3 18 0	
5953	$2\frac{1}{2}$ "	"		do.	**3 18 0	
5954	$2\frac{3}{4}$ "	"		do.	**3 18 0	
5955	3"	"		do.	**3 18 0	
5956	$3\frac{1}{4}$ "	"		do.	**3 18 0	
5957	$3\frac{1}{2}$ "	"		do.	**3 18 0	
5958	4"	"		do.	**3 18 0	
5959	$4\frac{1}{2}$ "	"		do.	**3 18 0	
	Flat—Brown Bayley's "S.S.S.S."					
5960	$\frac{7}{8}$ " x $\frac{1}{2}$ "	"	140 cwt.	do.	**3 18 0	F. Dawborn Pty. Ltd.
5961	$\frac{5}{8}$ " x $\frac{3}{4}$ "	"		do.	**3 18 0	
5962	$1\frac{1}{8}$ " x $\frac{1}{2}$ "	"		do.	**3 18 0	
5963	$1\frac{1}{4}$ " x $\frac{7}{16}$ "	"		do.	**3 18 0	
5964	$1\frac{1}{2}$ " x $\frac{7}{16}$ "	"		do.	**3 18 0	
5965	$1\frac{3}{8}$ " x $\frac{9}{16}$ "	"		do.	**3 18 0	
5966	$2\frac{1}{8}$ " x $\frac{9}{16}$ "	"		do.	**3 18 0	
5967	$1\frac{3}{4}$ " x $\frac{9}{16}$ "	"		do.	**3 18 0	
5968	$1\frac{1}{2}$ " x $\frac{1}{2}$ "	"		do.	**3 18 0	
	Square—Brown Bayley's "S.S.S.S."					
5969	$\frac{1}{4}$ "	"		do.	**3 18 0	Gilbert Lodge & Co. Ltd.
5970	$\frac{5}{16}$ "	"		do.	**3 18 0	
5971	$\frac{3}{8}$ "	"		do.	**3 18 0	
5972	$\frac{1}{2}$ "	"		do.	**3 18 0	
5973	$\frac{5}{8}$ "	"		do.	**3 18 0	
5974	$\frac{3}{4}$ "	"		do.	**3 18 0	
5975	1"	"		do.	**3 18 0	
5976	$1\frac{1}{4}$ "	"		do.	**3 18 0	
5977	$1\frac{1}{2}$ "	"		do.	**3 18 0	
	Oval, for Hand, Pneumatic, and Bar Chisels, Jonas & Colver, KLAH—					
5978	$\frac{7}{8}$ " x $\frac{3}{8}$ "	"		do.	**4 3 6	Gilbert Lodge & Co. Ltd.
5979	1" x $\frac{3}{4}$ "	"		do.	**4 3 6	
5979A	Any other size in stock	"		do.	**4 3 6	
	Octagon, for Hand, Pneumatic, and Bar Chisels, Jonas & Colver, KLAH—					
5980	$1\frac{1}{4}$ "	"		do.	**4 3 6	Gilbert Lodge & Co. Ltd.
5981	$1\frac{1}{2}$ "	"		do.	**4 3 6	
5981A	Any other size in stock	"		do.	**4 3 6	
	Steel, Double Shear, Flat—Jonas & Colver, No. 5 Double Shear Temper—					
5982	$1\frac{1}{2}$ " x 8 gauge	"	200 "	do.	**2 4 0	Gilbert Lodge & Co. Ltd.
5983	1" x $\frac{1}{4}$ "	"		do.	**2 4 0	
5984	2" x $\frac{1}{4}$ "	"		do.	**2 4 0	
5985	4" x 1"	"		do.	**2 4 0	
5986	4" x $1\frac{1}{4}$ "	"		do.	**2 4 0	
5987	$4\frac{1}{2}$ " x 1"	"		do.	**2 4 0	
5988	5" x $1\frac{3}{8}$ "	"		do.	**2 4 0	
5988A	Any other size in stock	"		do.	**2 4 0	
	Steel, Tool, High Speed, 18% Tungsten— Vessey's "Special Echo"—					
5989	$\frac{3}{4}$ " round	"	4 cwt.	lb.	**0 2 11	Coates & Co. Pty. Ltd.
5990	$1\frac{1}{4}$ "	"	2 "	do.	**0 2 11	
5991	$\frac{5}{16}$ " square, Lathe Tool Holders	"	4 "	lb.	**0 2 11	
5992	$\frac{3}{8}$ " square, Lathe Tool Holders	"		do.	**0 2 11	
5993	$\frac{1}{2}$ " square, Lathe Tool Holders	"		do.	**0 2 11	
5994	$\frac{3}{4}$ " square, Lathe Tool Holders	"		do.	**0 2 11	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
<i>CAST STEEL, ETC.—continued.</i>								
	Steel, Tool, High Speed, 18% Tungsten— Vessey's "Special Echo"— <i>continued.</i>							
5995	7" square, Slotting Machines	U.K.	10 cwt.	lb.	**0	2 11	} Coates & Co. Pty. Ltd.	
5996	1" square, Milling Machines	"	2 "	do.	**0	2 11		
5997	1 1/2" square, Lathic Tools	"	2 "	do.	**0	2 11		
5998	1 1/2" square, Slotting Machines	"	2 "	do.	**0	2 11		
5999	1" x 1/2", Turret Lathes in general	"	2 "	do.	**0	2 11		
6000	1" x 3/8", Turret Lathe Tools	"	2 "	do.	**0	2 11		
6001	1" x 3/4", Turret Lathes in general	"	4 "	do.	**0	2 11		
6002	1 1/4" x 3/8", Turret Lathes in general	"	2 "	do.	**0	2 11		
6003	1 1/2" x 1", Turret Lathes in general	"	24 "	do.	**0	2 11		
6004	1 1/2" x 1 1/8", Lathe Tools	"	2 "	do.	**0	2 11		
6005	2" x 1/8", Forming Tools	"	1 "	do.	**0	2 11		
6006	2" x 3/8", Milling Cutter Blades	"	1 "	do.	**0	2 11		
6007	2" x 1 1/2", Roughing Tools, Wheel Lathes	"	8 "	do.	**0	2 11		
6008	2 1/2" x 1 1/2", Forming Tools, Sellars Lathes	"	2 "	do.	**0	2 11		
6009	3" x 1 1/2", Forming Tools	"	4 "	do.	**0	2 11		
6010	3" x 1 1/2", Roughing Tools, North Melbourne	"	4 "	do.	**0	2 11		
6011	3 3/4" x 1 1/2", Roughing Tools	"	4 "	do.	**0	2 11		
	Steel, Feather Edge, Drill—						} Nil	
6012	1 1/4" x 3/8"	"	5 cwt.	cwt.	..	..
6013	Steel, Hexagon, Hollow Drill, 3/4"	"	10 "	lb.	..	..
	Steel for Pneumatic Snaps, &c., Firth's "Pnusnap"—						} Wm. Adams & Co. Ltd.	
6014	3/4" round	U.K.	} 16 "	cwt.	**4	19 6		
6015	1 1/4" round	"		do.	**4	19 6		
6016	2" round	"		do.	**4	19 6		
6017	2 1/4" round	"		do.	**4	19 6		
6018	2 1/2" round	"		do.	**4	19 6		
	Steel, Cast, Non-shrinking, for Crown Stays, Long and Short Stay Taps, &c.—"Kite"—						} Eagle & Globe Steel Co. Ltd.	
6019	1 1/4" round	"	} 10 "	do.	**7	0 0		
6020	1 1/2" round	"		do.	**7	0 0		
6021	1 3/8" round	"		do.	**7	0 0		
6022	2 1/4" round	"		do.	**7	0 0		
	Steel, High Speed, for Dies and Milling Cutter Blades—Vessey's "Special Echo"—						} Coates & Co. Pty. Ltd.	
6023	1 1/8" x 1 1/8"	"	} 4 "	lb.	**0	2 11		
6024	1 3/8" x 1 1/4"	"		do.	**0	2 11		
6025	1 3/8" x 3/8"	"		do.	**0	2 11		
6026 to 6046	} Nil							

LOCKS, KEYS, ETC.

As regards Item No. 6064, in the event of Locks being ordered with "keys to differ," no keys shall be repeated at lesser intervals than 72 padlocks, i.e., the combination shall comprise a minimum of 72 changes before repeating.

As regards Item No. 6073, the Locks to be supplied must conform in detail both as regards shape and size of all parts of lock and key with the departmental sample.

** As regards Items Nos. 6047, 6049-6057, and 6054, the rates include Telegraphic Transfer Exchange between Australia and London at 25 1/2 per cent., and if this rate of exchange be varied during the contract period, the difference calculated on 40 per cent. of the contract rate shall be to the Corporation's account, and shall apply to any stores that may be ordered after the expiration of a period of two months from the date the amended rate of Telegraphic Transfer Exchange is effective as notified by the Commonwealth Bank.

As regard Items Nos. 6050, 6051, 6053, and 6054 the rates are firm as regards conversion.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
LOCKS, KEYS, ETC.— <i>continued.</i>								
†6047	Keys, for Rim Locks, of any make, Mason's ..	U.K.	16 doz.	dozen	**0	7	6	} C. J. White & Sons Pty. Ltd.
†6048	" for Reversible Rim Locks	N.S.W.	4 "	do.	0	4	9	
†6049	" for Mortise Locks, of any make, Mason's ..	U.K.	2 "	do.	**0	6	9	
*6050	Keys, Blank— Paracentric, Cylinder, for Night Latches, Kiel's	U.S.A.	200 "	do.	**0	2	6	} Nil
*6051	Paracentric, Cylinder, for Padlocks, Kiel's	"	32 "	do.	**0	2	6	
*6052	Paracentric, Cylinder, for Drawer or Cupboard Locks	"	"	"	"	"	"	
*6053	Corrugated, for Night Latches, Kiel's ..	U.S.A.	60 doz.	dozen	**0	2	6	} C. J. White & Sons Pty. Ltd.
*6054	Flat, for Padlocks, Kiel's	"	600 "	do.	**0	1	0	
*6055	Keys, Blanks, for Drawer Locks, Mason's ..	U.K.	180 "	do.	**0	2	9	} C. J. White & Sons Pty. Ltd.
*6056	" " Mortise Locks, any pattern ordered, Mason's	"	24 "	do.	**0	4	0	
*6057	" " Safe Locks, Mason's	"	40 "	do.	**0	4	9	} Nil
†6058	Latches, Suffolk	"	24	each	"	"	"	
†6059	" Night, Cylinder Action, triplicate keys, Hubball's	Vict.	120	do.	0	8	9	Briscoe & Co. Ltd.
†6060	" Surface Gate, McMillan's	"	240	do.	0	0	8	} John Danks & Son Pty. Ltd.
†6061	Lock Sets, Mortise, with oxidized iron furniture, R. B. Davies'	N.S.W.	12	set	0	3	3	
*6062	Locks, Pad, Brass, 2", to pass without Keys, V.R. pattern, "V.R." to be cast on front,	"	"	each	"	"	"	} Nil
*6063	" Pad, Brass, 2", to differ with 2 Keys, V.R. pattern, VRDI to be cast on front	"	"	do.	"	"	"	
†6064	" Pad, Brass, 1½", cylinder action, with duplicate Keys, to differ or pass, as ordered, Josiah Parkes & Son's "Union"	U.K.	800	do.	**0	5	3	James Walker
†6065	Locks, Rim, Iron, with furniture complete, 2 bolts, 6", R.H. or L.H., as ordered	"	"	"	"	"	"	Nil
†6066	" Rim, Iron, with furniture complete, 2 Bolts, 6" reversible, as ordered, Prestel	Vict.	400	each	0	2	11	C. J. White & Sons Pty. Ltd.
†6067	" Rim, Iron, without furniture, complete, 2 bolts, 6" R.H. or L.H., as ordered	"	12	do.	"	"	"	Nil
†6068	" Rim, Iron, without furniture, complete, 2 bolts, 6" reversible, Prestel	Vict.	12	do.	0	2	0	C. J. White & Sons Pty. Ltd.
†6069	" Straight, Cupboard, Brass, with duplicate keys (keys to differ or pass, as ordered), 2-lever, 3", "Jackson's"	Tas.	48	do.	0	2	7½	} William Hartley Pty. Ltd.
	" Till, Brass, "Hobb's" pattern, with duplicate keys (keys to differ or pass, as ordered), 4 lever, "Jackson's"—	"	"	"	"	"	"	
†6070	2½"	"	24	do.	0	3	4	} C. J. White & Sons Pty. Ltd.
†6071	3"	"	40	do.	0	3	6	
*6072	" Mortise, Iron, Spring, 1¾", single or double action, as ordered, White's	Vict.	48	do.	0	4	11	
*6073	" Switch, fitted with brass shackle and steel chain, one key each, keys to pass, with "V.R." cast on front of lock	"	"	"	"	"	"	} Nil
*6074	" Pad, Brass, 3", with one key to pass, for Powder Vans	"	24	each	"	"	"	
†6075	Staples, Box, for Rim Locks— For Item 6065, 6", Jackson's ..	Tas.	30 doz.	dozen	0	11	0	William Hartley Pty. Ltd.
†6076	For Item 6066, 6", Lane's	N.S.W.	12 "	do.	0	3	3	C. J. White & Sons Pty. Ltd.
6077 to 6090	} Nil							

OVERALLS.

The Overalls shall consist of (Item No. 6091) a two-piece suit comprising coat and trousers, and shall be to sizes as may be ordered; (Item No. 6092) a combination suit made to sizes as may be ordered.

The Overalls shall, in the judgment of the Comptroller of Stores, be of the best quality and workmanship, in every respect in accordance with the samples exhibited by the Corporation, excepting as regards the quality of the cloth, which shall be in accordance with the sample of cloth submitted by the Contractor.

The Overalls shall be delivered where and as directed from time to time at the V.R. Clothing Depot, Room 28, Flinders-street Station Buildings, Melbourne, subject to inspection.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
†*6091	Overalls, two-piece (as worn by Running Shed Mechanics), any sizes ordered, and as specified, No. 2 Cloth	Vict. (partly)	300 suits	suit	£ s. d. 0 10 0	The Sterling Clothing Co. Pty. Ltd.
†*6092	„ Combination (as worn by Motor Omnibus Drivers and Rail Motor Drivers), any sizes ordered, and as specified, No. 1 Cloth	„	120 „	do.	0 12 0	
6093	Nil					

WATERPROOF OVERCOATS AND PULL-ONS.

(For use of Shunters, &c.)

The materials to be used in the manufacture of the Waterproof Overcoats and Pull-ons shall be submitted to mechanical tests and chemical analysis, and the results obtained from such mechanical tests and chemical analysis of the successful Tenderer's samples shall become the standard of quality required in deliveries under this Contract.

All samples of materials to be submitted by the Tenderer shall be deposited by the Tenderer at Room No. 20A, Railway Offices, Spencer-street, at or before the time fixed for the reception of Tenders.

This material is for the use of a Department of the Victorian Government and is not for re-sale or distribution for use by any person or organization not completely controlled or the expenditure of which is not borne by the Victorian Government, and is, therefore, exempt of Sale Tax. The rates shall, therefore, be exclusive of Sales Tax.

SPECIFICATION.

QUALITY, WORKMANSHIP, FIT, ETC.

All the Overcoats and Pull-ons supplied under this Contract shall be in strict accordance with Contract samples (except as provided in Clauses 7 and 8 regarding materials), and shall be subject to such examination and tests as the Comptroller of Stores may direct. Each article supplied under this Contract shall be of the best workmanship, and of proper fit, and shall be branded with white paint with the letters "V.R." and a consecutive number (as ordered). Any percentage of the Overcoats and Pull-ons as authorized by the Comptroller of Stores will be subjected to chemical and physical tests to determine whether the materials used in the manufacture are of quality equal to that of the samples submitted with tender, and failure to comply with these tests will render the whole consignment liable to rejection

MEASUREMENTS.

The Corporation will supply the Contractor with the measurements of employees, and the Contractor will require to make from the measurements so ascertained any articles which may be ordered hereunder. Always provided that the length of Overcoats so ordered shall conform to the undermentioned scale of Heights and Lengths:—

Height of Employee.	Length of Overcoat.
5' 1" and under	33 inches
Over 5' 1" to 5' 3" inclusive	34 "
„ 5' 3" to 5' 6" inclusive	36 "
„ 5' 6" to 5' 9" inclusive	39 "
„ 5' 9"	40 "

INSPECTION.

Final inspection of the articles will be made at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne.

The Comptroller of Stores or the Receiving Officer shall have free access to all parts of the factory of the Contractor at all reasonable times. He shall be at liberty to inspect the material during the manufacture of the Overcoats and Pull-ons and to reject any material or article that does not conform

WATERPROOF OVERCOATS AND PULL-ONS—*continued.*

to the conditions of this Contract, and notwithstanding that any material or article may have been inspected and passed at the factory of the Contractor, it shall be liable to rejection as provided in clause 13 of the annexed Conditions of Contract.

Any material or article rejected by the Comptroller of Stores or the Receiving Officer at the factory of the Contractor shall not be re-submitted for delivery without the approval of the Comptroller of Stores or the Receiving Officer.

DELIVERY.

The articles shall be provisionally delivered at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne. The article or articles for each particular person must be provisionally delivered as aforesaid in a separate proper parcel, and every such parcel must have the name, the official position, and address of the person for whom it is intended written clearly and legibly thereon.

TIME FOR DELIVERIES.

The Contractor shall not during the period of this Contract be under obligation to deliver in *any one week any number of Overcoats and Pull-ons exceeding fifty (50)*. Orders will be served on the Contractor as required and, subject as hereinbefore provided, the Contractor shall deliver the whole of the articles so ordered in each and every week (together with the arrears in delivery, if any, at the beginning of the particular week) on or before the last day of that week.

LISTS, INVOICES, ACCOUNTS.

The Contractor shall in connexion with each delivery of the articles furnish to the Receiving Officer (a) a delivery docket (in triplicate) on forms provided by the Corporation for that purpose, (b) a list prepared in triplicate showing the order number, description of articles, names, official positions and addresses of employees for whom the articles were ordered, and (c) an invoice in duplicate on forms provided by the Corporation for that purpose; and subsequently when so required shall render his account, on the prescribed form, to the Corporation's Comptroller of Accounts.

BUTTONS TO BE PURCHASED FROM THE CORPORATION.

Nickel Buttons shall be used on all Overcoats, and the Contractor shall purchase from the Corporation all Nickel Buttons which may be required for the purposes of this Contract, and the Contractor shall pay for the same in cash prior to delivery at the rate of 13s. per gross.

No Nickel Buttons other than those purchased from the Corporation as aforesaid are to be used under this Contract, and none of the Buttons so purchased is to be used by the Contractor except for the manufacture of articles specified in this Contract.

The Contractor shall make application to the Comptroller of Stores in writing for the number of Buttons required from time to time, and after payment the Comptroller of Stores will, as far as practicable, deliver to the Contractor at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne, the number of Buttons applied for.

On completion of this Contract, the Contractor shall deliver, in good order and condition, to the Corporation at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne, any Buttons then in his possession, and shall render his account for the same, and the Corporation will pay the Contractor for the same at the rate hereinbefore quoted.

SAMPLES.

The Contractor will be furnished with working samples in every respect similar to the Contract samples, and on completion of this Contract, or on demand, he shall return the samples in good order and condition to the Comptroller of Stores, Uniform Room, Flinders-street, Melbourne.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.			Name of Contractor.
					£	s.	d.	
*6094	Waterproof Overcoats, as specified, to sample exhibited and to measurements supplied by the Corporation	..	600 No.	each	..			
*6095	Waterproof Pull-ons, as specified, to sample exhibited and to measurements supplied by the Corporation	..	600 pairs	pair	..			
6096 to 6097	} Nil							

UNIFORM CAPS.

The Contractor shall supply and deliver the Uniform Caps comprising such items and in such quantities as may from time to time be ordered in writing by the Comptroller of Stores for the period from 1st July, 1933, to 30th June, 1935, provided that the Contractor shall not during the period of the Contract be under obligation to deliver in any one week any number of Uniform Caps exceeding 100.

QUALITY, WORKMANSHIP, FIT, ETC.

The Uniform Caps shall in the judgment of the Comptroller of Stores be of the very best quality and workmanship and shall be made by the best and most approved methods, and every Uniform Cap shall, in the opinion of the Comptroller of Stores, be of proper fit, and the whole of the Uniform Caps ordered under this Contract shall be made, supplied, and delivered in strict accordance with the annexed Conditions of Contract and this Schedule and to the entire satisfaction of the Comptroller of Stores.

All the Uniform Caps shall be strictly in accordance with the signed samples, and all gold braiding forming portion of any cap or caps supplied to Sample No. 1 in this Schedule shall be subject to such nitric acid or other tests as the Comptroller of Stores may from time to time direct with a view to ensuring that all such gold braiding is equal to the signed sample, and in the event of any such gold braiding failing to withstand or fulfil such tests to the satisfaction of the Comptroller of Stores, the cap or caps of which such gold braiding forms a part will be liable to rejection.

DELIVERY.

The Uniform Caps shall be delivered at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne. Each Uniform Cap shall be delivered as aforesaid in a separate proper cardboard box to the satisfaction of the Comptroller of Stores.

INSPECTION—REJECTION.

After delivery as aforesaid, the Uniform Caps will be subject to inspection and testing by the Comptroller of Stores or the Receiving Officer, and the Comptroller of Stores shall have full power to reject any of the Uniform Caps which, in his opinion, are not in accordance with this Contract. Always provided (notwithstanding that the Uniform Caps or any of them have been inspected, tested, and passed by the Comptroller of Stores or the Receiving Officer) that the Contractor may subsequently be called upon to properly and effectually alter or adjust any Uniform Caps which may, in the opinion of the Comptroller of Stores or the Receiving Officer, be found to be a misfit, and the Contractor when so called upon shall forthwith convey such Uniform Caps to the Contractor's factory or premises, and shall, at his own cost, within 48 hours after the Uniform Caps shall have been handed over to him, deliver the same to the Corporation where and as directed at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne, altered and adjusted to the satisfaction of the Comptroller of Stores or the Receiving Officer, failing which the said Uniform Caps may be absolutely rejected.

The Comptroller of Stores or the Receiving Officer shall have free access to all parts of the factory of the Contractor at all reasonable times. He shall be at liberty to inspect the material during the manufacture of the Uniform Caps and to reject any material or Caps that do not conform to the conditions of this Contract, and notwithstanding that any materials or Caps may have been inspected and passed at the factory of the Contractor, they shall be liable to rejection as provided in clause 13 of the annexed Conditions of Contract.

Any materials or Caps rejected by the Comptroller of Stores or the Receiving Officer at the factory of the Contractor shall not be re-submitted for delivery without the approval of the Comptroller of Stores or the Receiving Officer.

BUTTONS PURCHASED FROM THE CORPORATION.

The Contractor shall purchase from the Corporation the Buttons required for all Caps to be supplied under this Contract, and the Contractor shall pay for the same in cash prior to delivery at the following rates, that is to say:—

For all Gilt Buttons the Contractors shall pay at the rate of 24s. per gross.

For all Nickel Buttons the Contractor shall pay at the rate of 12s. per gross.

In every case where the Contractor shall receive an order from the Comptroller of Stores for any of the Uniform Caps described in this Schedule which require Buttons of the description hereinbefore referred to, he shall forthwith make application to the Comptroller of Stores, in writing, for the quantity of Buttons that will be required by the Contractor for the fulfilment of the order; and on receipt of such application the Comptroller of Stores will deliver to the Contractor, at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne, the quantity of Buttons so applied for.

No Nickel or Gilt Buttons other than those purchased from the Corporation as aforesaid shall be used under this Contract, and none of the Buttons so purchased shall be used by the Contractor except for the manufacture of the Uniform Caps specified in this Contract.

NO SUB-LETTING, ETC.

The Contractor shall not sub-let any of the work to be performed under this Contract, and the whole of such work shall be carried out in the registered factory of the Contractor.

UNIFORM CAPS—*continued.*

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
*6098	Cap, with two gold braids, as per sample No. 1 (worn by Stationmasters), any sizes ordered	Vict.	180	each	£ 0 9 0	Commonwealth Government Clothing Factory
*6099	Cap, with oak-leaf band, as per sample No. 2 (worn by Assistant Stationmasters and Clerks), any sizes ordered	„	200	do.	0 7 0	
*6100	Cap, with oak leaf, as per sample No. 3 (worn by Guards, Ticket Checkers, Head Porters, Leading Porters, Senior Porters, Tram Conductors, Tram Motormen), any sizes ordered	„	500	do.	0 7 0	
*6101	Cap, plain, as per sample No. 4 (worn by Porters, &c.), any sizes ordered	„	1,000	do.	0 6 5	
*6102	Cap, as per sample No. 5 (worn by Licensed Luggage Porters), any sizes ordered	„	24	do.	0 7 6	
*6103	Cap, with oak-leaf band, as per sample No. 6 (worn by Electric Train Drivers), any sizes ordered	„	400	do.	0 7 0	
*6104	Cap, dark green, as per sample No. 7 (worn by Motor Omnibus Drivers), any sizes ordered	„	24	do.	0 8 0	
6105 to 6108	Nil					

CLOTH OVERCOATS.

SAMPLES.

The Contractor will be furnished with a *working sample in every respect similar to the contract sample, and on completion of this contract or on demand he shall return the sample in good order and condition to the Comptroller of Stores, Uniform Room, Flinders-street, Melbourne.*

QUALITY, WORKMANSHIP, MEASUREMENTS.

The Overcoats supplied under this contract shall be in strict accordance with the contract sample as regards quality of manufacture, workmanship, and design, and shall be to the measurements ordered. The Overcoats shall be manufactured, supplied, and delivered in accordance with this Schedule, the annexed Conditions of Contract, and in every respect to the satisfaction of the Comptroller of Stores.

Each Overcoat ordered shall be to measurements supplied to the Contractor by the Comptroller of Stores.

BRANDING.

Each Overcoat shall be branded on the lining with white paint with the letters "V.R." and with a number (as ordered), and each article shall be finished with one band of brown braid $\frac{1}{2}$ inch wide on each sleeve about 4 inches from the cuff edge.

ALTERATIONS OR ADJUSTMENTS.

During the currency of this contract the Contractor may be called upon by order in writing to alter or adjust any Overcoat at the cost of the Corporation, and on completion of such alteration or adjustment he will be paid at the rate shown in the annexed Schedule for the particular alteration or adjustment.

The rates shown in the annexed Schedule for alterations or adjustments shall include for all labour and materials incidental thereto and for carriage to and from Contractor's factory.

All alterations or adjustments on Overcoats which have been rejected by the Comptroller of Stores or the Receiving Officer, or which may be adapted as provided in the following clause, shall be carried out by and at the cost of the Contractor.

CANCELLATIONS.

The Corporation reserves the right to cancel any item or items on any order at its option, and, notwithstanding that the manufacture of any Overcoat may have been commenced before receipt by the Contractor of notice of cancellation, the Contractor shall have no claim for payment in respect thereto, but he may adapt such Overcoat to any other Overcoat which may be ordered, and, after delivery, payment will be made at the rate shown in the annexed Schedule for such completed Overcoat.

DELIVERY AND INSPECTION.

The Overcoats shall be delivered where and as directed at the Uniform Room, No. 28, 1st Floor, Railway Buildings, Flinders-street, Melbourne, and will there be subject to inspection.

The Overcoats shall be folded and delivered in good order and condition in properly protected parcels or hampers provided by the Contractor.

CLOTH OVERCOATS—*continued*.

CARDS ON OVERCOATS.

The Contractor shall attach a card to each Overcoat, on which he shall insert the Order Number, Grade, and Location of the Employee for whom the article was ordered, and also the measurements furnished by the Corporation to which the Overcoat has been made.

INVOICES AND LISTS.

The Contractor shall, in connexion with each delivery of the Overcoats, furnish to the Receiving Officer—

- (a) a Delivery Docket (in triplicate) on forms provided by the Corporation for that purpose ;
- (b) an invoice (in duplicate) on forms provided by the Corporation for that purpose ; and
- (c) a list prepared (in triplicate) showing the Order Number, the Schedule Item Number, and Names, Grades, and Locations of the Employees for whom the Overcoats were ordered.

INSPECTION AND REJECTION AT CONTRACTOR'S FACTORY.

The Comptroller of Stores or the Receiving Officer shall have free access to all parts of the factory of the Contractor at all reasonable times. He shall be at liberty to inspect the material during the manufacture of the Overcoats and to reject any material or Overcoat that does not conform to the conditions of this contract, and, notwithstanding that any material or Overcoat may have been inspected and passed at the factory of the Contractor, it shall be liable to rejection, as provided in clause 13 of the annexed Conditions of Contract.

Any material or Overcoat rejected by the Comptroller of Stores or the Receiving Officer at the factory of the Contractor shall not be re-submitted for delivery without the approval of the Comptroller of Stores or the Receiving Officer.

TIME FOR DELIVERIES.

Providing the Overcoats have been ordered and have not been previously delivered, the Contractor shall deliver in each and every week at least 30 Overcoats, and any arrears in any one week shall be delivered during the following week, in addition to at least 30 Overcoats.

In making deliveries as hereinbefore provided the Contractor shall give precedence of delivery to such particular Overcoats as the Comptroller of Stores may from time to time in writing direct.

MATERIAL TO BE PURCHASED FROM THE CORPORATION.

The Contractor shall purchase from the Corporation the materials hereinafter described and required for the purposes of this contract, and the Contractor shall make application in writing to the Comptroller of Stores for such quantity of each item as may be required by him, and he shall pay for the materials prior to delivery at the rates hereinafter shown for same.

Except as hereinafter provided, or as may be otherwise directed, no material other than that purchased from the Corporation as aforesaid shall be used for the purpose of this contract, and none of the materials so purchased is to be used by the Contractor except for the manufacture of Overcoats under this contract.

After payment by the Contractor the Comptroller of Stores will as far as is practicable deliver to the Contractor at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne, the quantity of material applied for.

On completion of this contract, or on demand, the Contractor shall deliver to the Comptroller of Stores, Uniform Room, Flinders-street, Melbourne, any balance of the material then in his possession, and provided that the same be in good order and condition to the satisfaction of the Comptroller of Stores, the Corporation will pay the Contractor for same at the rates at which it was purchased from the Corporation.

The following materials required in the manufacture of the Overcoats shall be purchased by the Contractor from the Corporation at the prices shown hereunder :—

- Cloth, Indigo, 24 ounces per lineal yard, 58 inches wide. Rate, 7s. 11d. per yard of 36 inches.
- Cloth, Black Italian (for linings), 54 inches. Rate, 1s. 7d. per lineal yard.
- Buttons, Large, Nickel. Rate, 13s. per gross.
- Buttons, Small, Nickel. Rate, 12s. per gross.
- Cloth, Brown, for piping, 56 inches. Rate, 4s. 6d. per lineal yard.
- Silesia, Black, 39/40 inches. Rate, 7½d. per lineal yard.
- Duck, Fawn Linen, 24 inches. Rate, 6½d. per lineal yard.

MATERIAL TO BE PROVIDED BY THE CONTRACTOR.

Any materials required in the manufacture of the Overcoats, and which are not specified to be purchased from the Corporation, shall be provided by the Contractor, and such materials shall be of equal quality to the contract sample, to the satisfaction of the Comptroller of Stores or the Receiving Officer.

All pure linen thread required in the manufacture of the Overcoats shall be No. 60.

The pure linen thread shall be manufactured by Coats, at Paisley, Scotland.

All cotton required in the manufacture of the Overcoats shall be manufactured by Coats, at Paisley, Scotland.

Silk required for all outside work on Overcoats as provided for in the contract sample shall be No. 24 and of first grade quality.

Silk of first grade quality, and No. 20 or No. 24, shall be used on all button holes.

The Silk will be manufactured in the United Kingdom.

CLOTH OVERCOATS—*continued.*

SUB-LETTING.

The Contractor shall not sublet any of the work to be performed under this contract, and the whole of such work shall be carried out in the registered factory of the Contractor.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
*6109	Overcoats, Cloth, to sample exhibited, and as specified	Vict.	300	each	£ 1 15 9	Commonwealth Government Clothing Factory
	Allowance for Alterations or Adjustments, as may be ordered in writing, to completed Overcoats—					
6110	Allowance for Shortening or Lengthening Coat	„	..	do.	0 2 6	
6111	Allowance for Shortening or Lengthening Sleeves	„	..	pair	0 2 6	
6112 to 6113	Nil					

FELT HATS.

The Contractor shall supply and deliver the Felt Hats in such quantities as may from time to time be ordered, in writing, by the Comptroller of Stores, for the period from 1st July, 1933, to 30th June, 1935, provided that the Contractor shall not during the period of the Contract be under obligation to deliver in any one week any number of Felt Hats exceeding fifty.

QUALITY, WORKMANSHIP, FIT, ETC.

The Felt Hats shall be to sample, and of the best quality and workmanship, of proper fit, and in every respect to the satisfaction of the Comptroller of Stores.

Each article supplied shall be lettered, in white cotton, with the word "Shunter," or the words "Goods Foreman," "Sub-Foreman," "Gate Checkman," "Yard Porter," "Yard Foreman," "Goods Guard," or "Goods Checker" (as ordered) on the hat-band, and every such article shall also have the name of the employee for whom the article is ordered stamped on the inside leather. The lettering shall be placed on the hat-band of each article in the same position, and the workmanship shall be of equal quality to the signed sample.

DELIVERY.

The Felt Hats shall be delivered at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne. Each Felt Hat shall be delivered as aforesaid in a separate proper cardboard box, and each such box shall have the name, the official position and the address of the person for whom it is intended written clearly and legibly thereon.

INSPECTION—REJECTION.

After delivery as aforesaid, the Felt Hats will be subject to inspection by the Comptroller of Stores or the Receiving Officer, and the Comptroller of Stores shall have full power to reject any of the Felt Hats which in his opinion are not in accordance with this Contract. Always provided (notwithstanding that the Felt Hats or any of them have been inspected, tested, and passed by the Comptroller of Stores or the Receiving Officer) that the Contractor may subsequently be called upon to properly and effectually alter or adjust any Felt Hats which may, in the opinion of the Comptroller of Stores or the Receiving Officer, be found to be a misfit, and the Contractor when so called upon shall forthwith convey such Felt Hats to the Contractor's factory or premises, and shall, at his own cost, within 48 hours after the Felt Hats shall have been handed over to him, deliver the same to the Corporation where and as directed at the Uniform Room, No. 28, First Floor, Railway Buildings, Flinders-street, Melbourne, altered and adjusted to the satisfaction of the Comptroller of Stores or the Receiving Officer, failing which the said Felt Hats may be absolutely rejected.

The Comptroller of Stores or the Receiving Officer shall have free access to all parts of the factory of the Contractor at all reasonable times. He shall be at liberty to inspect the material during the manufacture of the Felt Hats, and to reject any material or hats that do not conform to the conditions of this Contract, and notwithstanding that any materials or hats may have been inspected and passed at the factory of the Contractor, they shall be liable to rejection as provided in clause 13 of the annexed conditions of contract.

Any materials or hats rejected by the Comptroller of Stores or the Receiving Officer at the factory of the Contractor shall not be re-submitted for delivery without the approval of the Comptroller of Stores or the Receiving Officer.

NO SUB-LETTING, ETC.

The Contractor shall not sub-let any of the work to be performed under this Contract, and the whole of such work shall be carried out in the registered factory of the Contractor.

*6114	Felt Hats, as specified, any sizes ordered ..	Vict.	600	each	0 12 4	United Felt Hats Pty. Ltd.
6115 to 6116	Nil					

ARSENITE OF SODA (LIQUID).

The Drums, prior to sale, shall be branded by and at the cost of the Corporation as follows:—
“ V.R.—ARSENIC—POISON.”

As the Drums in which the Arsenite of Soda is supplied will become the property of the Corporation, the cost of the Drums shall be included in the rate tendered.

All weights shall be ascertained by weighing the Arsenite of Soda (Liquid) on the weighbridge scales or other weighing machines of the Corporation at the Spotswood General Storehouse, and all weights so ascertained or determined by the Comptroller of Stores shall for all purposes be accepted by the parties to this Contract as correct and final and binding.

A deduction of *Nine Pounds* for the weight of each drum will be made at each delivery.

The net weight of the Arsenite of Soda (Liquid) only will be paid for.

The Contractor or his representative may, at his option, be present to witness the weighing of each delivery.

The Arsenite of Soda (Liquid) required under this Contract shall be made by dissolving Arsenious Oxide in Caustic Soda and shall contain 48 per cent. AS2O3, and when cooled down to a temperature of 32 degrees Fahrenheit shall *not* crystallize. A variation of 1 per cent. above or below 48 per cent. AS2O3 will be allowed, i.e., the Arsenic contents of the Liquid shall not be less than 47 per cent. AS2O3 nor more than 49 per cent. AS2O3, and any delivery which contains either more or less than the specified amount of Arsenious Oxide shall be liable to rejection.

A composite sample shall be taken from each delivery or part thereof, and this sample on being tested shall conform with the requirements of this Specification.

The Arsenite of Soda shall be subject to inspection, after delivery, at the Spotswood General Storehouse.

The Arsenite of Soda (Liquid) shall be supplied in approved 5-gallon Drums which the Contractor shall purchase from the Corporation at the rate of 2s. each.

The Contractor shall make application in writing to the Comptroller of Stores, Room 103, Railway Offices, Spencer-street, for the number of Drums required from time to time, and after the Contractor has paid for the Drums, the Comptroller of Stores will, as far as is practicable, deliver to the Contractor at the General Storehouse, Spotswood, the number of Drums paid for. The Contractor's Registered Sales Certificate No. is V.S. 2294.

Notwithstanding that the Drums have been purchased from the Corporation, any Drums of Arsenite of Soda which are leaking will not be taken delivery of.

In the event of any Drums which are not in good order and condition being delivered to the Contractor, the Corporation shall, on the return of the faulty Drums, replace such Drums free of charge.

Each Drum shall be hermetically sealed by and at the cost of the Contractor with a sound cork bung, and with a strip of 20-gauge galvanized iron, one inch wide, across bung and soldered to Drum, as per sample exhibited at Sample Room, No. 20 “ A,” Railway Offices, Spencer-street.

No Drums other than those purchased from the Corporation as aforesaid shall be used for the purpose of this Contract, and no Drums so purchased are to be used by the Contractor except for the purpose of this Contract.

On completion of this Contract, or on demand, the Contractor shall deliver to the Comptroller of Stores, General Storehouse, Spotswood, any Drums then in his possession, and which have been purchased from the Corporation but not used, and provided same be in good order and condition to the satisfaction of the Comptroller of Stores, the Corporation will pay the Contractor for same at the rate at which they were purchased from the Corporation.

The Arsenite of Soda (Liquid) shall be provisionally delivered, deposited where and as directed at the Spotswood General Storehouse.

Name of Manufacturers—Liquid Caustic Soda.—Commonwealth Fertilisers Ltd., Australia.

Country of Production—Arsenic Ore.—Victoria: Bendigo, Harrietville.

Western Australia: Wiluna.

Name of Mines and Locality of Arsenic Ore—Bendigo: “ Hercules,” “ Ironbark,” “ New Red White and Blue.”

Harrietville: “ Rose, Thistle, and Shamrock.”

Western Australia: “ Wiluna Gold Mines.”

Ore will be refined at Bendigo and Wiluna.

The Contract rate is subject to the Corporation ordering 100 tons monthly during July, August, and September, 1933.

Delivery can be given by Contractor at rate of 40 tons weekly after receipt of order.

Contractor on demand to produce evidence that Arsenite of Soda and ingredients are wholly of Australian manufacture if required.

Sales Tax Certificate No. V.S. 2294 (for purchase of Drums).

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
6117	Arsenite of Soda (Liquid), as specified	Vict.	600 tons	ton	£ s. d. 23 16 0	Victor Leggo & Farmers Ltd.
6118	Nil					

CALCIUM CHLORATE CRYSTALS.

The empty containers will not be returned to the Contractor, but will be disposed of by public tender or in such other way as the Corporation may elect.

All weights shall be ascertained by weighing the Calcium Chlorate Crystals on the weighbridge scales or other weighing machines of the Corporation at the Spotswood General Storehouse, and all weights so ascertained or determined by the Comptroller of Stores shall for all purposes be accepted by the parties to this contract as correct and final and binding.

A deduction for the weight of the containers (as assessed by the Comptroller of Stores) will be made at each delivery

The net weight of the Calcium Chlorate Crystals only will be paid for.

The Contractor or his representative may, at his option, be present to witness the weighing of each delivery.

The Calcium Chlorate Crystals shall contain not less than 22 per cent. CA (ClO₃)₂ and shall be completely soluble in water.

After delivery at the Spotswood General Storehouse a composite sample shall be taken from each delivery or part thereof, and this sample on being tested shall conform with the requirements of this Specification.

Each container shall be legibly branded with the words "Calcium Chlorate Crystals" and the net weight contained in each container.

The Calcium Chlorate Crystals shall be provisionally delivered deposited where and as directed at the Spotswood General Storehouse, or properly loaded into railway trucks at Yarraville.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
6119	Calcium Chlorate Crystals (in drums containing 140 lb., and as specified)	Vict.	150 tons	ton	£ s. d. 17 10 0	Commonwealth Fertilisers & Chemicals Ltd.
6120	Nil					

DRUMS, STANDARD (5 GALLON).

The Drums shall be made of 22-gauge body and ends, with double seam, rolled top and bottom, with one No. 10 gauge Rivet, all of Terneplate, soldered throughout on outside. Top of drum to be fitted with nozzle for 1 7/8" diameter cork x 3/4" out of I.C. (212 lb.) tin plate and handle 1 1/4" x 16 gauge with single rivet, No. 10 gauge, at each end, 6" centres, and shall be to the satisfaction of the Comptroller of Stores.

Delivery will be given at rate of 500 or more per week after receipt of order.

f6121	Drums, Standard, 5-gallon, new, rolled top and bottom, with 1 7/8" diameter bungs, to Specification, weight 7 1/2 lb.	Vict.	5,000	each	0 3 2	Russell & McDonald
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APPENDIX "A."

SPECIFICATION FOR BITUMEN (ASPHALTIC CEMENT).—*Item No. 2801.*

Grade.—The penetration with a standard No. 2 needle and 100-gram weight at 25° C. (77° F.) for five seconds shall be between 85 and 100.

Information to be Supplied.—Tenderer shall submit with his tender the following information in respect of the material. To receive consideration, the material must comply with the Specification limits where shown :—

- (a) Country of origin.
- (b) Method of production and refinement.
- (c) It shall be homogeneous and entirely free from water.
- (d) Specific gravity at 60° F. (not less than 1.00).
- (e) Penetration with standard No. 2 needle under the following conditions of temperature, weight, and time :—
 1. 25° C. (77° F.), 100 gms., five seconds between 85 and 100.
 2. 32.3° C. (90° F.), 50 gms., five seconds shall be not more than 150 per cent. of the penetration at 77° F., 100 gms., five seconds.
 3. 0.0° C. (32° F.), 200 gms., 60 seconds shall be not less than 25 per cent. of penetration at 77° F., 100 gms., five seconds.
- (f) Ductility at 77° F. (25° C.) on a section 1 centimeter square at 5 cm. per minute shall be not less than 75 cms.
- (g) Ductility at 32° F. (0° C.) on section 1 cm. square at 5 cm. per minute shall not be less than 1.5 cms.
- (h) Softening point as determined by the ball and ring method shall be not less than 115° F. (46.1° C.).
- (i) Loss of weight on heating a 50 gm. sample for five hours at 163° C. (325° F.) (not more than 2 per cent.) and the penetration of the residue after such heating (taken at 25° C. (77° F.) 100 gms., five seconds) shall not be less than 60 per cent. of the normal penetration as specified under clause (e) 1.
- (j) Flash and fire points (Cleveland open cup method) (flash point not less than 232° C. (450° F.)).
- (k) Solubility of the material in carbon tetrachloride (not less than 99 per cent.).
- (l) Solubility of the material in 88° Baume petroleum ether shall not be greater than 90 per cent.

Samples.—Tenderer shall submit with his tender a sample of not less than 10 lb. of each grade of the material which he proposes to supply. Tenderer shall guarantee that the materials to be supplied shall be equal in all respects to the sample, and shall conform with the information furnished above.

Should any of the material supplied be found not to be in accordance with this Specification, the Contractor shall be required to remove same at his own expense, and to replace same with the material specified.

Containers.—The material shall be packed in suitable containers of between 20 and 40 gallons capacity, and capable of transporting the material without loss or inconvenience in handling.

The Corporation will not accept delivery of any material in a broken or defective container. The containers shall be suitably clay-washed internally to allow of the material being readily removed therefrom.

Delivery.—Delivery to be given at the Metropolitan Receiving Depot, Melbourne, or properly loaded into railway trucks at any railway station or siding at which the Department has the necessary facilities for receiving same.

Tenderer to state where provided for in this Schedule where delivery will be given.

Weights.—Weights as ascertained at the Metropolitan Receiving Depot, or, if delivered elsewhere, at destination, to be accepted. Tare of containers as ascertained by the most approved method will be deducted.

Distilled Tar.—Specification A.—Items 2811 to 2814.—The tar shall be produced by the distillation of crude tar which has been derived exclusively from the destructive distillation of bituminous coal in the process of gas manufacture. Specific gravity at 77° F. from 1.11 to 1.17. Free Carbon per cent. by weight from 7 to 14 per cent.

Distillation Test.—0° to 170° light tar oils, not more than 2 per cent. by volume. 170° to 230° medium tar oils, not more than 8 per cent. by volume. 230° to 300° heavy tar oils, at least but preferably more than 14 per cent. by volume. Total oils between the limits of 18 per cent.—26 per cent. inclusive. Pitch residue between the limits of 74 per cent.—82 per cent. inclusive. Softening point of pitch residue by ring and ball method, not less than 100° F.

APPENDIX "A"—*continued.*

BITUMEN (ASPHALTIC CEMENT)—*continued.*

Payment will be made on the following basis, providing receptacles are full :—

Standard tanks and fire carts	.. .. .	270 gallons.
Standard drums or casks	.. .. .	42 gallons.

As regards Item No. 2811, the drums to be filled will be delivered by the Corporation at the Metropolitan Receiving Depot at Spencer-street, or at the Railway Station nearest the Contractor's works where the necessary facilities exist, and the Tenderer shall indicate where he tenders to take delivery of the empty drums for filling.

As regards Item No. 2807, the Eyelets and Washers shall be manufactured from sheet brass of not less than 22 S.W.G.

BITUMINOUS EMULSION.—SPECIFICATION A.2.—*Item No. 2817.*

Technical Description.—Tenderers shall give with their tenders the following information regarding the material they propose to supply :—

Bitumen content	.. .. .	per cent.
Water content	.. .. .	per cent.
Other material	.. .. .	per cent.
		100 per cent.

Brand of Bitumen used in its manufacture.....

Grade of Bitumen used in its manufacture.....

Process of manufacture.....

If various types are offered, the characteristics of each type.

Samples.—Tenderers shall submit with their tenders a sample of not less than one gallon of each class of material which they propose to supply, and shall guarantee that the material to be supplied shall be equal in all respects to the sample. Should any material supplied be found not to be in accordance with the Specification, the Contractor shall be required to remove it at his own expense, and to replace it with material as specified.

Samples submitted with tenders and samples taken from time to time from deliveries will be tested for water content, time of breaking, grade of bitumen, and for any other properties that the Comptroller of Stores or his representative may from time to time direct.

Containers.—The emulsion shall be delivered in suitable metal drums of from 40 to 50 gallons capacity, capable of transporting the material without loss or inconvenience in handling, and of being easily emptied. Drums will be returned as soon as possible after being emptied.

Marking Containers.—All containers supplied shall have all old marks obliterated and shall then be marked with a clear stencil, or carry a satisfactory paper sticker setting out the following information :—

- (1) Manufacturer's Name.
- (2) Trade Mark.
- (3) Material in containers (quantity in gallons).
- (4) Further information as to grade or type.

Delivery.—Delivery to be given at the Metropolitan Receiving Depot, Melbourne, or properly loaded into railway trucks at any railway station or siding at which the Department has the necessary facilities for receiving same.

Tenderers to state when provided for in this Schedule where delivery will be given.

Weights.—Weight as ascertained at the Metropolitan Receiving Depot, Melbourne, or if delivered elsewhere, at destination, to be accepted. Tare of containers as ascertained by the most approved method will be deducted.

APPENDIX "B."

COLOURS, PIGMENTS, AND DYES.

BASIC CARBONATE WHITE LEAD.—SPECIFICATION B.1.—*Item No. 2843.*

The White Lead shall conform to the Australian Standards Association Specification No. K.9, 1928.

ZINC OXIDE.—SPECIFICATION B.2.—*Item No. 2866.*

The Zinc Oxide shall conform to the Australian Standards Association Specification No. K.18, 1929.

RED LEAD.—SPECIFICATION B.5.—*Items No. 2841 and 2842.*

The Red Lead shall conform to the Australian Standards Association Specification No. K.19, 1929.

INDIAN RED.—SPECIFICATION B.6.—*Item No. 2849.*

I.—SCOPE.

This Specification covers the ferrous pigment known as Indian Red, purchased either as a dry pigment or ground in oil to form a paste.

II.—MANUFACTURE.

(a) Dry Pigment.—The dry pigment shall consist of mixtures of oxide of iron (Fe_2O_3) with silica or silicates, and shall be free from alkali and organic colouring matter.

(b) Paste.—The paste shall be made by thoroughly grinding the specified pigment with raw linseed oil conforming to the requirements of Specification A.1, Paint Vehicles.

III.—PROPERTIES AND TESTS.

(a) Dry Pigment.—The pigment shall conform to the following requirements:—

	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0	..
Oxide of iron, per cent.	..	95.0
Sulphur in any other form than calcium sulphate, per cent.	0.25	..
Organic colouring matter shall be absent.		

(b) Paste.—The paste as received shall not be caked in the container, and shall break up readily in oil to form a smooth paint of brushing consistency. The paste shall consist of:—

	Maximum.	Minimum.
Pigment (as specified above), per cent.	..	78
Linseed Oil, per cent.	22.0	..
Moisture and other volatile matter, per cent.	0.7	..
Coarse particles and skins (total residue retained on Standard No. 200 screen, based on pigment), per cent.	0.5	..

IV.—SAMPLING AND TESTING.

A sample shall be drawn from one unopened package, selected at random, from each delivery.

The Indian Red shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

VENETIAN RED.—SPECIFICATION B.7.—*Items Nos. 2851 and 2852.*

I.—SCOPE.

This Specification covers the ferrous pigment known as Venetian Red, purchased either as a dry pigment or ground in oil to form a paste.

II.—MANUFACTURE.

(a) Dry Pigment.—The dry pigment shall consist of oxide of iron (Fe_2O_3), and compounds of calcium, silicon, and aluminium, free from acid and alkali and organic colouring matter.

(b) Paste.—The paste shall be made by thoroughly grinding the specified pigment with raw linseed oil, conforming to the requirements of Specification A.1, Paint Vehicles.

III.—PROPERTIES AND TESTS.

(a) Dry Pigment.—The pigment shall conform to the following requirements:—

	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0	..
Oxide of iron, per cent.	..	20

The remainder shall consist of calcium sulphate, calcium carbonate, silica, or silicates.

(b) Paste.—The paste as received shall not be caked in the container and shall break up readily in oil to form a smooth paint of brushing consistency. The paste shall consist of:—

	Maximum.	Minimum.
Pigment (as specified above), per cent.	..	70.0
Linseed Oil, per cent.	30.0	..
Moisture and other volatile matter, per cent.	0.7	..
Coarse particles and skins (total residue retained on Standard No. 200 screen, based on pigment), per cent.	0.5	..

IV.—SAMPLING AND TESTING.

A sample shall be drawn from one unopened package, selected at random, from each delivery.

The Venetian Red shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

APPENDIX "B"—continued.

COLOURS, PIGMENTS, AND DYES—continued.

IRON OXIDE.—SPECIFICATION B.8.—Items Nos. 2846 and 2847.

I.—SCOPE.

This Specification covers iron oxide (hæmatite) pigments of red and brown colours, purchased either as dry pigment or ground in oil to form a paste.

II.—MANUFACTURE.

(a) Dry Pigment.—The pigment shall be very finely ground iron oxide siliceous materials. Different grades shall be specified, and the order shall state which grade is required.

(b) Paste.—The paste shall be made by thoroughly grinding the specified pigment in raw linseed oil, conforming to the requirements of Specification A.1, Paint Vehicles.

III.—PROPERTIES AND TESTS.

(a) Dry Pigment.—The pigment shall conform to the following requirements:—

	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0·0	..
Ferric oxide, per cent. .. .. .	..	..
Material other than ferric oxide, insoluble siliceous matter and loss on ignition, per cent. .. .. .	..	..

} To be filled in after
tender is accepted.

Organic colouring matter shall be absent.

(b) Paste.—The paste as received and for three months thereafter shall not be caked in the container, and shall break up readily in oil to form a smooth paint of brushing consistency. It shall mix readily without curdling with linseed oil, turpentine, or volatile mineral spirits, or any combination of these.

The paste shall consist of:—

	Maximum.	Minimum.
Pigment (as specified above), per cent.	82·0	75·0
Linseed oil, per cent.	25·0	18·0
Moisture and other volatile matter, per cent.	0·7	..
Coarse particles and skins (total residue retained on Standard No. 200 screen, based on pigment), per cent.	0·5	..

IV.—SAMPLING AND TESTING.

A sample shall be drawn from one unopened package, selected at random, from each delivery.

The iron oxide shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

OCHRE.—SPECIFICATION B.9.—Items Nos. 2844 and 2845.

I.—SCOPE.

This Specification covers ferrous earthy pigments included under the general term "Ochre," purchased either as a dry pigment or ground in oil to form a paste.

II.—MANUFACTURE.

(a) Dry Pigment.—The pigment shall be a hydrated oxide of iron permeating a siliceous base and shall be free from impurities and organic colouring matter.

(b) Paste.—The paste shall be made by thoroughly grinding the specified pigment in raw linseed oil conforming to the requirements of Specification A.1, Paint Vehicles.

III.—PROPERTIES AND TESTS.

(a) Dry Pigment.—The pigment shall conform to the following requirements:—

	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0·0	..
Iron oxide, per cent. .. .. .	..	17
Lime (CaO), per cent.	5	..
Lead chromate	None*	..

Organic colouring matter shall be absent.

(b) Paste.—The paste as received shall not be caked in the container, and shall break up readily in oil to form a smooth paint of brushing consistency. The paste shall consist of:—

	Maximum.	Minimum.
Pigment (as specified above), per cent.	71	69
Linseed oil, per cent.	31	29
Moisture and other volatile matter, per cent.	0·7	..
Coarse particles and skins (total residue retained on Standard No. 200 screen, based on pigment), per cent.	0·5	..

IV.—SAMPLING AND TESTING.

A sample shall be drawn from one unopened package, selected at random, from each delivery.

The Ochre shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

* Oxford Ochres may contain lead chromate.

APPENDIX "B"—*continued.*COLOURS, PIGMENTS, AND DYES—*continued.*CHROME (YELLOW).—SPECIFICATION B.10.—*Items Nos. 2837 and 2838.*

I.—SCOPE.

This Specification covers the pigments known as Yellow Chromes, including Lemon, Middle, and Orange Chromes, purchased either as a dry pigment or ground in oil to form a paste.

II.—MANUFACTURE.

(a) Dry Pigment.—The pigment shall consist of lead chromate, together with lead compounds in such proportions as are appropriate to the shade of Chrome in question.

The order shall state whether Lemon, Middle, or Orange Chrome is desired.

(b) Paste.—The paste shall be made by thoroughly grinding the specified pigment in raw linseed oil, conforming to the requirements of Specification A.1, Paint Vehicles.

III.—PROPERTIES AND TESTS.

(a) Dry Pigment.—The pigment shall conform to the following requirements:—

	Maximum.
Coarse particles retained on Standard No. 200 screen, per cent.	0
Material other than chromates, oxide, and sulphate of lead, per cent.	4

(b) Paste.—The paste as received shall not be caked in the container and shall break up readily in oil to form a smooth paint of brushing consistency. The paste shall consist of:—

	Maximum.	Minimum.
Pigment (as specified above), per cent. . . . .	..	..
Linseed oil, per cent. . . . .	..	..
Moisture and other volatile matter, per cent.	0·7	..
Coarse particles and skins (total residue retained on Standard No. 200 screen, based on pigment), per cent.	0·5	..

IV.—SAMPLING AND TESTING.

A sample shall be drawn from one unopened package, selected at random, from each delivery. The Chrome shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

GREEN.—SPECIFICATION B.11.—*Item No. 2840.*

I.—SCOPE.

This Specification covers the pigments known as Brunswick Green, Light, Middle, and Deep, purchased as dry pigment.

II.—MANUFACTURE.

The pigment shall consist of lead chromate, lead sulphate, and Prussian blue, combined with barytes and siliceous material without the addition of organic colouring matter. The order shall state what shade is required.

III.—PROPERTIES AND TESTS.

The pigment shall conform to the following requirements:—

	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0·0	..
Total lead chromate, lead sulphate, and insoluble Prussian blue (colour), per cent. . . . .	..	15·0
Material soluble in water, including soluble Prussian blue, per cent.	0·5	..
Acid soluble, or water soluble calcium in any form, calculated as CaO, per cent.	2·0	..
Material other than colour and barium sulphate, per cent.	15·0	..
The remainder shall be barium sulphate.		

IV.—SAMPLES AND TESTING.

A sample shall be drawn from one unopened package, selected at random, from every delivery.

Green pigments shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

APPENDIX "B"—*continued.*COLOURS, PIGMENTS, AND DYES—*continued.*SIENNA AND UMBER.—SPECIFICATION B.12.—*Items Nos. 2853 to 2862.*

I.—SCOPE.

This Specification covers those pigments known as Sienna and Umber, both Raw and Burnt, purchased either as dry pigment or ground in oil to form a paste.

II.—MANUFACTURE.

(a) Dry Pigment.—The pigment shall be of a hydrated oxide of iron, with presence of manganese, permeating an earthy base. It shall be free from acid and alkali and organic colouring matter. The order shall state whether Raw or Burnt Sienna or Umber is required.

(b) Paste.—The paste shall be made by thoroughly grinding the specified pigment in raw linseed oil, conforming to the requirements of Specification A.1, Paint Vehicles.

III.—PROPERTIES AND TESTS.

(a) Dry Pigment.—The pigment shall conform to the following requirements:—

	Sienna.		Umber.	
	Maximum.	Minimum.	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0·0	..	0·0	..
Manganese dioxide, per cent.	2·0	trace	..	7 0

The remainder shall consist of compounds of iron, silicon, and aluminium.

(b) Paste.—The paste as received shall not be caked in the container and shall break up readily in oil to form a smooth paint of brushing consistency.

IV.—SAMPLING AND TESTING.

A sample shall be drawn from one unopened package, selected at random, from each delivery.

Sienna and Umber shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

Item No. 2864.

The Whiting shall conform to the Australian Standards Association Specification No. K.24, 1927T.

SPECIFICATION FOR B.A. AND S.F. DYE.—*Items Nos. 2868 to 2872.*

The Dye required shall be solutions of dyestuff in a suitable solvent, and shall be of the colours ordered.

The solutions of dyestuffs shall be of such a nature that they shall be suitable for mixing with other, and with shellac, and other resins dissolved in methylated spirits.

When used for colouring such varnish solutions the films resulting from its application shall have good covering power, shall be fast to light, water, and rubbing, and shall not impair any leather or other upholstery furnishings to which they have been applied.

APPENDIX "C."

CONCRETE PIPES.

Acceptability.—Acceptability shall be determined by the results of inspection and the tests hereinafter specified, to determine whether the pipes comply with the specification regarding materials, dimensions, shape, and freedom from external and internal defects. Pipes having defective spots patched or plastered over will not be accepted.

MATERIALS AND MANUFACTURE.

Concrete.—Concrete shall be a mixture of Portland cement, mineral aggregate, and water.

Portland Cement.—Portland cement shall meet the requirements of the cement standard specifications and tests of the Australian Commonwealth Engineering Standards Association.

Fine Aggregate.—Fine aggregate shall consist of sand or other approved inert materials with similar characteristics, or a combination thereof, having clean, hard, strong, durable, uncoated grains, and free from injurious amounts of dust, lumps, soft or flakey particles, shale, alkali, organic matter, loam, or other deleterious substances.

Coarse Aggregate.—Coarse aggregate shall consist of crushed stone, gravel, or other approved inert materials with similar characteristics, or combinations thereof, having clean, hard, strong, durable, uncoated particles, and free from injurious amounts of soft, friable, thin, elongated or laminated pieces, alkali, organic or other deleterious substances.

Water.—Water shall be clean and free from injurious amounts of oil, acid, alkali, organic matter, or other deleterious substances.

Grading and Proportioning.—The aggregates shall be so graded, proportioned, and thoroughly mixed with such proportions of cement and water as will produce a workable mixture and a pipe that, when properly cured, will be strong, durable, and serviceable, free from objectionable defects, and will meet the physical test requirements provided. Under no circumstances shall the mixture consist of less than 15½ pounds of Portland cement to 1 cubic foot of mineral aggregate.

Reinforcement.—Reinforcement shall consist of best quality mild steel wire or wire fabric, free from rust or injurious defects, and having a workmanlike finish with smooth surface. The wire shall have a minimum tensile strength of 70,000 pounds per square inch and must be capable of being doubled over cold, around a pin the diameter of which is equal to 1½ times the thickness of the test piece, until the sides are parallel, without cracking on the outside of the bent portion.

Reinforcement shall extend throughout the barrel of the pipe and shall be assembled in units so designed that they may readily be placed and maintained in proper shape and position during manufacture. Elliptical reinforcement shall be placed near the inner surface of the pipe on the vertical axis and near the outer surface on the horizontal axis of the reinforcement. Circular reinforcement shall be placed symmetrically within the wall of the pipe. The minimum cover allowed for reinforcement is ¼ inch.

Shape and Size.—Pipes to be cylindrical, with ends formed at right angles to the bore. The ends of spigot and faucet pipes shall fit into the sockets of stoneware pipes of equal internal diameter, leaving sufficient annular space for the jointing materials. The length of a pipe shall be its effective length when set up and properly jointed.

Wall Thickness and Steel Quantities.—The pipes must be made with such wall thickness, and in the case of reinforced pipes, with such steel quantities as will enable them to meet all the requirements of this specification.

Variation.—A variation in nominal wall thickness of not more than 10 per cent. will be allowed for all pipes. A variation in nominal internal diameter of not more than 1½ per cent. will be allowed for all pipes up to and including pipes 18 inches diameter. Above that diameter, maximum variation allowed is ½ inch.

Joints.—The ends shall be so designed, that the strength of the joints shall be not less than the strength of the pipe, that the space between ends when laid in contact shall not exceed ¼ inch, and that, when the joints are made, they shall prevent infiltration or leakage.

Finish.—Pipes must be straight and substantially free from fractures, cracks, laitance and surface roughness, and when set up in the trench they shall make a continuous line, with a smooth and unbroken interior surface.

Marking.—Each pipe shall, immediately after manufacture, have the following marks clearly stencilled:—

- (a) Class of pipe, "P" for plain, "S" for standard reinforced.
- (b) The date of manufacture.
- (c) The name, initials, or brand of the manufacturer.
- (d) The word "Top" over the vertical axis of reinforcement, where elliptical reinforcement is used in circular pipes.

NOTE.—In the case of agricultural pipes, "(b)" and "(c)" only are to be marked.

PHYSICAL TESTS.

Tests.—The physical tests shall be:—

- (a) Load test.
- (b) Hydrostatic pressure test.

All tests shall be carried out by the contractor at his own premises and under the supervision of the Comptroller of Stores or his representative.

Specimens.—The Comptroller of Stores or his representative, when placing his order, may select specimens to be tested from full size pipes that have passed the inspection tests specified, and are free from visible moisture when selected.

Number to be Tested.—When pipes are required for the load test, any number up to 1 in 20 or part of 20 of each size of pipe ordered, may be tested, and 1 per cent. of the reinforced pipes may be tested to the point beyond which no additional load can be sustained, which shall be not less than twice the amounts shown in Columns 2 and 3 of the Test Loads. For the hydrostatic pressure test, any number of specimens up to the total number of each size of pipe to be supplied may be tested.

Result of Tests.—Should 25 per cent. of the pipes tested fail to fulfil requirements, the whole consignment may be rejected. Should any individual pipe fail, the Comptroller of Stores may require another to be supplied for test.

Load Test.—Each pipe to be tested is to have its ends accurately marked in halves of the circumference, and shall be supported on two straight wooden bearings with vertical sides, having the interior top corners rounded to approximately ¼-inch radius, placed parallel to and extending the full length of the pipe. The bearings shall be securely fastened to a rigid base with a clear space between them of 1 inch for every foot diameter of the pipe. The load shall be applied through a wooden block not exceeding 3 inches in width, straight and true from end to end, the full length of the barrel of the pipe, and in such a way as to produce a uniform distribution of load throughout the length of the pipe in a plane diametrically through the centre line of the bearings. For a pipe out of straight, the bearings chosen shall be those which appear to give the most favorable conditions for fair bearings.

Hydrostatic Pressure Test.—The ends of the pipe shall be tightly closed to prevent leakage under pressure, which shall be gradually applied, until it is equal to a head of 30 feet of water. While under this pressure, the pipe shall be repeatedly struck with a light wooden mallet, and shall not show any sign of leaking or sweating. The pressure shall be maintained only long enough for the pipe to be thoroughly examined and the results recorded.

CONCRETE PIPES—continued.

Load Test Requirements.—Plain, unreinforced pipes shall have the ultimate crushing strength shown in Column 1 and reinforced pipes shall withstand the loads shown in Column 2, without showing any clearly visible crack, which is defined as a crack 12 inches or more in length, into which a metal gauge, 1/100 inch thick by 1/16 inch broad, with rounded corners, can be inserted at close intervals.

TEST LOADS. (In pounds per linear foot.)		
Internal Diameter in Inches.	Plain Unreinforced Pipes.	Reinforced Pipes.
	Column 1.	Class "S." Column 2.
4	*1,000	..
9 .. .. .	..	..
12	1,250	550
15	1,500	600
18	1,600	700
21 .. .. .	..	800
24	1,700	900
27 .. .. .	..	1,000
30 .. .. .	..	1,100
36 .. .. .	..	1,200
42 .. .. .	..	1,400
48 .. .. .	..	1,400

* Applies to agricultural pipes.

With regard to Items 4012A, 4013A, 4016A, 4017A, 4018A, and 4019A the following shall be—

DESIGN OF REINFORCEMENT.

"S" CLASS REINFORCED CONCRETE PIPES.

- 12", 6 rings, 10 gauge, 6 straights, 10 gauge.
- 15", 6 " 10 " 6 " 10 "
- 18", 6 " 8 " 6 " 8 "
- 21", 6 " 8 " 6 " 8 "
- 24", 6 " 8 " 6 " 8 "
- 27", 6 " 8 " 6 " 8 "
- 30", 5 " 5 " 6 " 5 "
- 36", 5 " 5 " 6 " 5 "
- 42", 6 " 5 " 8 " 5 "
- 48", 6 " 5 " 8 " 5 "

All above electrically welded; sizes 24" and over oviform.