VICTORIA

GOVERNMENT GAZETTE.

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No. 106] **FRIDAY, SEPTEMBER 13.** **[1929**

No.	Number of Tenders.	Particulars of Contract.	Country of Manufacture or Production.	Amount.	Name of Contractor.
1307	..	Railway Stores Suspense Account, Act 2716, Section 105—Supply and delivery of Stores, as ordered from 1st July, 1929, to 31st March, 1931	As per annex ..	Rates as per annex	As per annex

Melbourne, 10th September, 1929.

(No. 3.)

Schedule of Rates Contracts

FOR THE

SUPPLY OF STORES

TO THE

VICTORIAN RAILWAYS,

Period 1.7.1929 to 31.3.1931.

E. C. EYERS,
By order of The Victorian Railways Commissioners.

SUPPLY AND DELIVERY OF STORES.

As ordered, from 1.7.1929 to 31.3.1931.

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 Australia are to be wholly or partly manufactured in Australia.

The Stores referred to in this Schedule (if tendered of Australian manufacture or production) shall, where shown, be wholly manufactured or produced at the factory or works of the Contractor. No subletting will be allowed.

SCHEDULE No. 3.

NAMES, ADDRESSES, ETC., OF CONTRACTORS.

In cases where no Deposit Security is shown, the amount involved is less than £20, and a contract has not been executed nor Deposit Security lodged.

In cases marked with a star (*) the value is over £20 and less than £100, and although the Deposit Security shown has been lodged, a contract has not been executed.

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
*Adams, Wm. & Co. Ltd. ..	521 Collins-street, Melbourne, C.1	43028	4	2928–2932, 3457
Alkemade Bros.	535 Little Lonsdale-street, Melbourne, C.1	43029	12	2906, 2906A, 2907, 2907A
Atkins, C. & Sons Pty. Ltd.	1 Clarendon-street, South Melbourne, S.C.5	43031	5	2846
*Australian Carbons (A/asia) Pty. Ltd.	34 Queen-street, Melbourne, C.1	43030	3	2827
*Australian General Electric Co. Ltd.	cr. Queen and Little Collins streets, Melbourne, C.1	43034	2	3896–3900
Australian Reinforced Concrete Engineering Co. Pty. Ltd.	430 Chancery-lane, Melbourne, C.1	43032	7	3839
Australian Spark Plugs Pty. Ltd.	562 Spencer-street, Melbourne, C.1	43033	9	3889–3895
Ballarat Woollen & Worsted Co. Ltd.	Ballarat	43042	100	2977
Bedford, Wm., Ltd. ..	476 Little Lonsdale-street, Melbourne, C.1	43035	..	3561, 3588, 3610
Bell, J. R. & Co.	218 Latrobe-street, Melbourne, C.1	43040	10	3792
Berry, Roche & T.A.M.A.C. Pty. Ltd.	357 Elizabeth-street, Melbourne, C.1	43044	..	3913, 3914
Bevan, E. P. & Son Pty. Ltd.	117 King-street, Melbourne, C.1	43045	5	3400, 3423–3427, 3869, 3870
Brandt Bros. Pty. Ltd. ..	338 Elizabeth-street, Melbourne, C.1	43043	5	3330, 3332, 3368–3371
Briscoe & Co. Ltd.	391 Little Collins-street, Melbourne, C.1	43037	12	2837, 2882, 3066, 3068, 3121, 3354, 3355, 3754–3756, 3758
*British Dyestuffs Corporation Ltd.	170 William-street, Melbourne, C.1	43038	2	2830
British General Electric Co. Ltd.	590 Bourke-street, Melbourne, C.1	43041	5	3008–3011, 3021–3021c
Broken Hill Pty. Co. Ltd. ..	422 Little Collins-street, Melbourne, C.1	43039	40	3837, 3838
Brooks, Robinson & Co. Ltd.	59 Elizabeth-street, Melbourne, C.1	43036	168	2836, 2842, 2842A, 2851, 2852, 2857, 2858, 3036, 3061, 3077–3087, 3089–3091, 3093–3112
Campbell, A. L. & Co. Pty. Ltd.	278 Queen-street, Melbourne, C.1	43050	12	2948–2950, 2955–2958, 2961, 2970, 3879, 3880
Coates & Co. Pty. Ltd. ..	99 Queen-street, Melbourne, C.1	43049	85	4009A–4012A, 4014A–4023A
Clark, N. G.	100 King-street, Melbourne, C.1	43051	4	2867
Collyer, R. W. & Son ..	14 Royal-lane, Melbourne, C.1	43053	12	3361–3366
Concrete Constructions Pty. Ltd.	486 Bourke-street, Melbourne, C.1	43048	87	4009–4023
Corder, H. J. Pty. Ltd. ..	222 Swanston-street, Melbourne, C.1	43052	15	2850, 2853, 3064, 3065
Currie & Richards Pty. Ltd.	473 Elizabeth-street, Melbourne, C.1	43047	..	3461, 3462, 3683, 3686
Cyclone Fence & Gate Co. Pty. Ltd.	191 William-street, Melbourne, C.1	43054	6	3817, 3819, 3820

SCHEDULE No. 3.—NAMES, ADDRESSES, ETC., OF CONTRACTORS—*continued.*

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
Danks, John & Son Pty. Ltd.	391 Bourke-street, Melbourne, C.1	43055	33	2844, 2845, 2864, 2901, 2903, 3458, 3465, 3472–3477, 3492, 3494–3508, 3515–3523, 3525, 3526, 3528, 3529, 3531–3538, 3540, 3541, 3543, 3544, 3546, 3547, 3551–3560, 3568–3587, 3590–3592, 3594–3601, 3606, 3607, 3609, 3612, 3613, 3615–3618, 3620, 3621, 3623, 3624, 3626, 3627, 3629, 3630, 3634, 3635, 3637, 3638, 3640, 3641, 3643, 3644, 3648–3650, 3656, 3659–3661, 3666, 3667, 3669–3682, 3684, 3685, 3687, 3688, 3696–3701, 3706–3718, 3876, 3915
Davies, Shephard Pty. Ltd. ..	34 Clarke-street, South Melbourne, S.C.5	43057	..	3651–3653
Dean, W. & G. Pty. Ltd. ..	Equitable-place, Melbourne, C.1	43059	10	2834, 2840, 2841, 2848, 2863, 3037, 3045, 3053, 3063
Dott & Co. Pty. Ltd. ..	Langford-street, North Melbourne, N.1	43061	33	3356, 3357, 3359, 3360, 3367, 3373–3380
Duckett, E. & Sons ..	374 Lonsdale-street, Melbourne, C.1	43056	29	3048, 3049, 3334, 3350–3353, 3372, 3430, 3432, 3730, 3741–3751, 3753, 3821–3824
Dunlop Perdriau Rubber Co. Ltd.	108 Flinders-street, Melbourne, C.1	43134	7	3853
Duratar Pty. Ltd.	360 Collins-street, Melbourne, C.1	43060	29	2817, 2818
Dyes & Chemicals (Aust.) Ltd.	573 Lonsdale-street, Melbourne, C.1	43058	16	2868–2873
Edinburgh Varnish Works Pty. Ltd.	Burrows-street, Middle Brighton, S.5	43065	6	2895
Edmondson, John & Co. Pty. Ltd.	92 Flinders-street, Melbourne, C.1	43064	66	2985–2987
*Evan Evans Pty. Ltd. ..	680 Elizabeth-street, Melbourne, C.1	43062	4	2802, 2988–2992
Eyelets Pty. Ltd.	44 Green-street, Windsor, S.1	43063	8	2807–2809
Falk, Stadelmann & Co. Ltd.	380 Lonsdale-street, Melbourne, C.1	43070	..	3348, 3349
Felton, Grimwade & Co. Pty. Ltd.	342 Flinders-lane, Melbourne, C.1	43066	15	2918, 2962
*Firdaw Engineering Supply Co. Pty. Ltd.	510 Latrobe-street, Melbourne, C.1	43072	5	3389, 3391–3393, 3399, 3402, 3403, 3409
Foy & Gibson Pty. Ltd. ..	Smith-street, Collingwood, N.5	43069	6	3001, 3032
Forbes James & Co. ..	Normanby-road, Port Melbourne, S.C.7	43067	14	2815–2816
*Frank & Bryce Ltd. ..	109 Flinders-lane, Melbourne, C.1	43068	3	3022–3027, 4116, 4133
F.R.S. Ideal Spring Co. Ltd.	33 Arden-street, North Melbourne, N.1	43071	12	3794–3796, 3805–3812, 3827–3830E
*Gair Manufacturing Co. Pty. Ltd.	480 Elizabeth-street, Melbourne, C.1	43075	2	2997, 3004
Galliers & Klaerr Pty. Ltd. ..	135 Inkerman-street, St. Kilda, S.2	43073	11	3589, 3593, 3633, 3639, 3642, 3645, 3646, 3657, 3658
*Gardner, Waern & Co. Pty. Ltd.	481 Flinders-street, Melbourne, C.1.	43135	3	3843–3843L–3844E–3844L
Galvanized Products Pty. Ltd.	21 Grant-street, South Melbourne, S.C.4	43077	8	4064, 4065
*Green, C. S. & Son ..	368 Post Office-place, Melbourne, C.1	43076	3	3118–3120, 3333, 3335, 3347
Greer & Ashburner ..	26 Franklin-street, Melbourne, C.1	43078	11	3757, 3759–3761, 3763–3765, 3774, 3775, 3777, 3778, 3782–3789
Guthrie, G. D. & Co. Pty. Ltd.	Epsom	43074	22	3930A, 3931A, 3933, 3935A, 3937, 3939A, 3940A–3943, 3946, 3950A, 3951, 3953, 3956A–3960A, 3962, 3964A, 3966, 3970, 3972A, 3973A, 3974A, 3980A, 3981A, 3983, 3989, 3995, 3998

SCHEDULE No. 3.—NAMES, ADDRESSES, ETC., OF CONTRACTORS—*continued.*

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
*Hampton, J.	Officer	43084	2	4000
*Hardie Trading Pty. Ltd. ..	581 Little Collins-street, Melbourne, C.1	43081	3	2806, 2813, 3862, 3864–3868, 3888
Harvey Shaw & Drake Pty. Ltd.	560 Lonsdale-street, Melbourne, C.1	43086	8	4058
Healing, A. G., Ltd. ..	167 Franklin-street, Melbourne, C.1	43080	17	2945–2947, 2963–2969, 3851, 3852, 3854–3858, 3861, 3863, 3871, 3877, 3881–3883, 3901, 3902, 3906, 3908, 3910, 3912, 3916, 3917
Henderson's Federal Spring Works Pty. Ltd.	Alfred-street, North Melbourne, N.1	43087	..	3903–3905
Hicks, Atkinson & Sons Pty. Ltd.	348 Collins-street, Melbourne, C.1	43085	41	2978, 2980–2984, 2993, 2994, 2998–3000, 3002, 3003, 3005–3007, 3012–3020, 3028–3030
Hoffman Brick & Potteries Ltd.	123 Queen-street, Melbourne, C.1	43083	35	3930–3942, 3945, 3950, 3952, 3956–3961, 3964, 3965, 3968A, 3969, 3972–3978, 3980–3982, 3985, 3988, 3991–3994, 3997
Hume Pipe Co. (Aust.) Ltd. ..	Kinnear House, cr. King and Little Collins streets, Melbourne, C.1	43079	87	4007, 4008, 4009B, 4010B, 4011B, 4012B, 4013A, 4014B–4023B
*Hunter, W. H. & Co. Pty. Ltd.	543 Elizabeth-street, Melbourne, C.1	43082	4	4090, 4099–4108, 4112–4114, 4117, 4118, 4122–4124, 4127, 4128
Inglis, Smith & Co. ..	Spencer-street, Melbourne, C.1	43088	19	2812, 3726, 3727, 3729, 3731, 3732
*Kelly, J. L.	81 Macaulay-road, Kensington, W.1	43089	1	4029
Lempriere, O. T. & Co. ..	Collins House, Melbourne, C.1	43090	12	2922, 2937–2942
Macleod, N. & Co. ..	403 Lonsdale-street, Melbourne, C.1	43095	12	2861, 2862
Marcard, Lund & Co. Ltd. ..	360 Post Office-place, Melbourne, C.1	43098	..	3067
Marshall, John ..	656 Elizabeth-street, Melbourne, C.1	43093	5	3524, 3527, 3530, 3602–3604, 3614, 3619, 3622, 3625, 3628, 3631, 3632, 3636, 3664, 3665, 3668
Martin Stoneware Pipe Ltd. ..	306 Creswick-road, Ballarat	43097	27	3930B, 3931B, 3934, 3935B, 3938, 3939B, 3940B, 3941B, 3942B, 3944, 3947–3949, 3954, 3955, 3956B, 3957B, 3958B, 3959B, 3960B, 3963, 3964B, 3967, 3968, 3971, 3972B, 3973B, 3977A, 3978A, 3980B, 3981B, 3984, 3987, 3990, 3991A, 3996, 3999
McKenzie & Holland (Aust.) Pty. Ltd.	Newport, W.15 ..	43101	8	3381–3383
McMicking & Co.	362 Little Collins-street, Melbourne, C.1	43102	8	3345, 3346
McPherson's Pty. Ltd. ..	582 Collins-street, Melbourne, C.1	43100	15	2924, 2925, 2944, 3388, 3390, 3394–3398, 3401, 3404–3408, 3410–3413, 3416–3417, 3420–3422, 3437, 3562–3564, 3611, 3647,
Melbourne Wire Works ..	286A Little Collins-street, Melbourne, C.1	43099	15	3752, 3766–3773, 3779–3781, 3798–3800, 3802–3804, 3816, 3818, 3825
Merriman, H.	495 Latrobe-street, Melbourne, C.1	43094	6	3565–3567, 3608
Mica and Insulating Supplies Coy.	562 Bourke-street, Melbourne, C.1.	43136	..	3909
Michaelis, Hallenstein & Co. Pty. Ltd.	441 Lonsdale-street, Melbourne, C.1	43096	..	4119, 4120, 4129–4131
*Mitchell, David (Estate) ..	Oliver's-lane, Melbourne, C.1	43092	4	2908
Muir, J. & T. Pty. Ltd. ..	72 Leveson-street, North Melbourne, N.1	43091	9	3450–3456, 3459, 3460, 3463, 3464 3466–3471, 3478–3491, 3493
Nicholls, A. & Co.	Luton-street, Glenferrie, E.2	43103	..	2820, 2821

SCHEDULE No. 3.—NAMES, ADDRESSES, ETC., OF CONTRACTORS—*continued.*

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
Ormonoid Roofing & Ashphalts Ltd.	80 Swanston-street, Melbourne, C.1	43104	..	2902
Oxymel Oil & Paint Co. Pty. Ltd.	35 Yarra Bank-road, South Melbourne, C.1	43105	6	2895A
Paul & Gray Ltd.	529 Flinders-street, Melbourne, C.1	43106	8	2810, 2811, 2819, 3728, 3733
Proud Bros. Pty. Ltd. ..	49 Dudley-street, West Melbourne, C.1	43107	11	2913, 2921, 2926, 2927
*Robinson, K. J.	147 Brunswick-road, East Brunswick, N.11	43110	5	4032
Royal Victorian Institute for the Blind	St. Kilda-road, Prahran, S.1	43108	12	4080–4084
Russell, George, Ltd. ..	454 Flinders-street, Melbourne, C.1	43109	11	2828, 2831–2833, 2843, 2886, 2889, 2890
Selby, H. B. & Co. ..	393 Swanston-street, Melbourne, C.1	43116	..	2919, 2920
Selim Mineral Products Co. ..	151 Arden-street, North Melbourne, N.1	43117	..	2881
Sewell, G. F. Pty. Ltd.	64 Cross-street, West Footscray, W.12.	43118	18	3435
*Shanks & Co. Pty. Ltd. ..	353 Flinders-lane, Melbourne, C.1	43111	3	3549, 3550, 3662, 3663
Shell Co. of Aust. Ltd. ..	153 William-street, Melbourne, C.1	43114	9	2801–2801D
S.K.F. Ball Bearing Co. Ltd.	595 Bourke-street, Melbourne, C.1.	43137	21	3842–3842N, 3844–3844D, 3845–3850D.
*Sleightholm, W. G. ..	Kirk's-lane, Melbourne, C.1	43115	1	3031
*Smith, S. & Co. Pty. Ltd. ..	Dynon-road, South Kensington, W.1	43113	4	2826, 2829, 2885
Speed, F.	452 St. Kilda-road, Melbourne, S.C.2	43112	15	2847
Tame, A.E. & F.	Alexandra-parade, Clifton Hill, N.8	43120	12	4031, 4044, 4045, 4047
Taubmans Ltd.	24 Lonsdale-street, Melbourne, C.1	43121	27	2891–2894, 2895C, 2896
Tinsley, Eliza Pty. Ltd. ..	640 Bourke-street, Melbourne, C.1	43122	7	3116, 3117, 3148, 3180–3182, 3192, 3193, 3198, 3200, 3228, 3268, 3287, 3305, 3306, 3311, 3314, 3886
*Thompson, W. P. & Co. Pty. Ltd.	405 Lonsdale-street, Melbourne, C.1	43119	3	4088, 4089, 4091–4098, 4109–4111, 4115, 4121, 4125, 4126, 4132, 4134–4136
Vial, Frank & Sons Pty. Ltd.	369 Queen-street, Melbourne, C.1	43124	9	3139A–3141, 3150A, 3151A, 3155A, 3158A, 3160A, 3161A–3165, 3166A, 3168A, 3171, 3175A, 3176A, 3183A, 3184A–3186, 3188A–3191, 3194A, 3202A, 3203A, 3204, 3206A, 3207A, 3208A–3210, 3212A, 3213, 3214A, 3215, 3216A–3219, 3220A–3222, 3223A, 3224A, 3226A, 3230A, 3231A–3234, 3235A, 3236A–3240, 3241A–3246, 3248A–3251, 3252A–3255, 3256A, 3257A–3259, 3262–3266, 3267A, 3270–3272, 3273A, 3274, 3276, 3277A, 3278A–3280, 3281A, 3283A, 3284A, 3285A, 3291A, 3292A, 3293A, 3295A, 3297A, 3298A, 3302A, 3303A, 3307A, 3309A, 3312A. 3313A
Victoria Iron Rollings Co. Pty. Ltd.	Geelong-road, Brooklyn	43125	6	3434, 3436
Victoria Varnish Co. ..	198 Latrobe-street, Melbourne, C.1	43123	21	2854, 2855, 2866, 2883, 2895B

SCHEDULE No. 3.—NAMES, ADDRESSES, ETC., OF CONTRACTORS—*continued.*

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
Walker, James	378 Little Collins-street, Melbourne, C.1	43129	10	3038, 3046, 3047, 3331, 3337, 3414, 3415, 3418, 3419, 3431, 3438–3440, 3801, 3884, 3885, 3887, 4051, 4052, 4067
Warburton, Thos.	384 Bourke-street, Melbourne, C.1	43131	..	3441
Watson Trading Co. Pty. Ltd.	Watson-place, off 184 Flinders-lane, Melbourne, C.1	43130	60	2995, 2996
Wells, Frank Pty. Ltd. ..	562 Bourke-street, Melbourne, C.1	43046	24	3122–3131, 3133–3135, 3137–3139, 3142–3147, 3149, 3150, 3151, 3154, 3155, 3158, 3159, 3160, 3161, 3166, 3167, 3168, 3170, 3172, 3175, 3176, 3177–3179, 3183, 3184, 3188, 3194, 3195, 3196, 3199, 3202, 3203, 3205, 3206, 3207, 3208, 3212, 3214, 3216, 3220, 3223, 3224, 3225, 3226, 3227, 3229, 3230, 3231, 3235, 3236, 3241, 3248, 3252, 3256, 3257, 3260, 3267, 3273, 3275, 3277, 3278, 3281, 3282, 3283, 3284, 3285, 3289, 3291, 3292, 3293, 3294, 3295, 3296, 3297, 3298, 3299–3302, 3303, 3304, 3307, 3308, 3309, 3310, 3312, 3313
White Rock Lime Co. Pty. Ltd.	47 Queen-street, Melbourne, C.1	43126	5	2906B
Wilkinson, Heywood & Clark (Melbourne Branch)	21 McKillop-street, Melbourne, C.1	43127	9	2839, 2849, 2889A, 2890A
Workshops Manager	Spotswood	43128	..	3433, 3859, 3860, 3907, 3911, 3979, 4033–4043, 4046, 4048–4050, 4053–4057, 4059–4063, 4066, 4068–4070, 4073
Yencken, E. L. & Co. Pty. Ltd.	384 Little Collins-street, Melbourne, C.1	43132	15	2835, 2838, 2856, 2859, 2860, 2865, 2884, 2887, 2888, 3035, 3040–3044, 3050, 3051, 3054–3057, 3073–3076, 3088, 3092
Young, Peter	361 Little Lonsdale-street, Melbourne, C.1	43133	12	3762, 3776, 3790, 3791, 3793, 3797

SHIP CHANDLERY, TAR, ETC.

(1.7.1929 to 31.3.1931.)

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 60 and 70.

(*a*) Country of origin—Mexico.

(*b*) Method of production and refinement—Steam refining.

(*c*) Specific gravity at 60° F. (not less than 100)—1.035.

(*d*) Penetration with standard No. 2 needle under the following conditions of temperature, weight, and time :—

1. 25° C. (77° F.), 100 gms., 5 secs.—60–70.
2. 0° C. (32° F.), 200 gms., 60 secs.—28.
3. 32.2° C. (90° F.), 50 gms., 5 secs.—70.

(*e*) Ductility at 25° C. (77° F.) = over 100 cms. and 0° C. (32° F.) = 4 on a section 1 centimetre square at 5 cm. per minute (not less than 50 cm. at 25° C. (77° F.).

(*f*). Softening point (ball and ring method)—over 125° F.

(*g*) (1) Loss of weight on heating a 50 cm. sample for 5 hours at 163° C. (325° F.) (less than 2 per cent.).

(2) The penetrating of the material after such heating (taken at 25° C., 100 gms., 5 secs.) expressed as a percentage of the penetration as given under clause (*d*) (1) (not less than 60 per cent.)—

1. Less than 2 per cent.
2. Over 60 per cent. of penetration under clause (*d*) 1.

(*h*) Flash and fire points (Cleveland Open Cup method) (flash point not less than 260° C. (500° F.)—

Flash point—555° F.
Fire test—630° F.

(*i*) Solubility of the material in carbon tetrachloride (not less than 99 per cent.)—99.80 per cent.

(*j*) Solubility of the material in 88° Baume Petroleum Ether—78 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 supplied.

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 tongued and grooved barrels, tare weight 27 lb., 35–36 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 barrel. 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.—F.O.R., Melbourne.

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.

Specification for Items 2815 *to* 2818.—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. The specific gravity at a temperature of 15·5° C. (60° F.) shall not be less than 1·10 nor more than 1·15. The tar shall contain not more than 15 per cent. free carbon. The tar shall be free from water and light hydro-carbons, and shall yield not more than one (1) per cent. distillation below 170° C., and on further distillation to a temperature of 270° C. and shall yield not more than 65 per cent. by volume of the tar tested. Samples taken at the discretion of the Comptroller of Stores from any delivery shall be submitted to the Laboratory for test, and the result of these tests must correspond with the above specification.

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. 2815, the drums to be filled will be delivered by the Corporation at the Metropolitan Receiving Depot at Spencer-street, or, under Item No. 2815A, to the Contractor at its works, Normanby-road, Port Melbourne.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	SHIP CHANDLERY, TAR, ETC.—*continued.*					
	Bitumen (Asphaltic Cement) Mexphalte, in lots of not less than 2 tons—					
†2801	Delivered direct ex ship in City Area ..	Mexico	30 tons	ton	7 9 0	Shell Co. of Aust. Ltd.
†2801A	Delivered ex ship within a 10-mile radius of G.P.O.	"		do.	7 12 0	
†2801B	For delivery ex store in City Area ..	"		do.	7 16 0	
†2801C	Delivered ex store within a 10-mile radius of G.P.O.	"		do.	7 19 0	
†2801D	For single barrel lots in City Area ..	"		barrel	1 12 0	
†2802	Bunting, 18", red, green, or white, as ordered	U.K.	1,500 l. yds.	lin. yd	0 0 8¾	Evan Evans Pty. Ltd.
	Chalk—					
†2803	Blue	..	30 lb.	lb.	..	Nil
†2804	Red	..	40 "	do.	..	
†2805	White	..	100 cwt.	cwt.	..	
†2806	French, Powdered	S. Aus.	1 "	do.	0 14 6	Hardie Trading Pty. Ltd.
†2807	Eyelets and Washers, Brass, 1"	Vict.	30 gross	gross	0 3 11	Eyelets Pty. Ltd.
†2808	Eyelets and Washers, Brass, 1⅛"	"	500 "	do.	0 4 11½	
*2809	" Brass, 5/16"	"	40,000	1,000	1 10 0	
*2810	Felt, Tarred, 32" x 40"	U.K.	350 sheets	sheet	0 0 10	Paul & Gray Ltd.
*2811	Hooks, Clip, with thimbles	"	200 doz.	doz.	0 8 3	
†2812	Palms, Sewing or Roping, as ordered ..	"	10	each	0 3 0	Inglis, Smith & Co.
2813	Rosin, Common	U.S.A.	40 cwt.	cwt.	1 1 6	Hardie Trading Pty. Ltd.
*2814	Sheaves, Ball Bearing	..	700	gross each	..	Nil
2815	Tar, Distilled, in steel drums supplied by the Corporation (empties picked up by Contractor at Spencer-street)	Victoria	10,000 gals.	gal.	0 0 6	James Forbes & Co.
2815A	" " in steel drums (empties delivered by the Corporation to the Contractor's works)	"		do.	0 0 5½	
2816	" " in Departmental tanks in Contractor's yard	"	10,000 "	do.	0 0 5¼	
2817	" " in fire carts on the site of works along St. Kilda-Brighton Electric Street Railway track	"	30,000 "	do.	0 0 6¼	Duratar Pty. Ltd.
2818	" " in fire carts on the site of works along the Sandringham-Black Rock Electric Street Railway track	"	15,000 "	do.	0 0 6¼	
†2819	" Stockholm, in 4-gallon tins	Sweden	80 "	do.	0 2 11	Paul & Gray Ltd.
*2820	Thimbles, Iron, galvanized, Long	Vict.	20 doz.	gross	1 4 0	A. Nicholls & Co.
*2821	" " " Signal ..	"	300 "	do.	0 0 10½	
2822 to 2825	Nil					

COLOURS, PIGMENTS, AND DYES.

See Appendix "H" for Specification.

(1.7.1929 to 31.3.1931.)

The Contract with F. Speed for Brown Oxide, Item No. 2847, provides that the Oxide shall be in accordance with the material supplied under the 1927-29 Stores Schedule, and shall be subject to inspection after delivery at Newport.

†2826	Black Drop, dry, in 1-cwt. kegs or casks ..	U.K.	2,500 lb.	lb.	0 0 6½	S. Smith & Co. Pty. Ltd.
†2827	" Vegetable, in 1-lb. packets	Victoria	15 cwt.	cwt.	3 17 6	Australian Carbons (A/asia.) Pty. Ltd.
†2828	Blue, Prussian, in oil, in 1-lb. tins	N.S.W.	60 lb.	lb.	0 2 1	George Russell Ltd.
†2829	" Ultramarine, dry, in 7 or 28 lb. pkgs.	U.K.	3 cwt.	cwt.	3 12 0	S. Smith & Co. Pty. Ltd.
†2830	Brown, Bismarck, R.100 special, dry, in 1 cwt. kegs	"	400 lb.	lb.	0 2 0	British Dyestuffs Corporation Ltd.
†2831	" Purple, dry, in 7 or 28 lb. parcels ..	N.S.W.	56 "	do.	0 0 4¼	George Russell Ltd.
†2832	" Spanish, dry, in 7 or 28 lb. parcels ..	"	1,000 "	do.	0 0 2¼	
†2833	" Vandyke, dry, in 7 or 28 lb. parcels..	"	180 "	do.	0 0 4½	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	Colours, Pigments, and Dyes—*continued.*					
†2834	Brown, Vandyke, in oil, in 7 or 14 lb. tins ..	U.K.	112 lb.	lb.	0 0 3½	W. & G. Dean Pty. Ltd.
†2835	„ „ in pulp, in 7 or 14 lb. tins	Victoria	200 „	do.	0 0 5	E. L. Yencken & Co. Pty. Ltd.
†2836	Carmilion (Red, extra deep non-fading) in 7 or 28 lb. parcels	U.S.A.	250 „	do.	0 0 10	Brooks, Robinson & Co. Ltd.
†2837	Chrome, Dry Yellow, any shades ordered, Specification B.10, in 7 or 14 lb. pkgs. "Coloro"	Victoria	2 cwt.	cwt.	5 5 0	Briscoe & Co. Ltd.
†2838	„ in oil, Yellow, any shades ordered, Specification B.10, in 7-lb. tins	„	5 „	do.	4 19 0	E. L. Yencken & Co. Pty. Ltd.
†2839	Green, Oil, dry, in 7 or 28 lb. parcels ..	U.K.	28 lb.	lb.	0 1 0	Wilkinson, Heywood & Clark (Melb. Branch)
†2840	„ Bronze or Quaker, dry, any shades, in 14 or 28 lb. pkgs.	„	300 „	do.	0 0 5	W. & G. Dean Pty. Ltd.
†2841	„ Brunswick, dry, any shades ordered, in 14-lb. and 28-lb. packages, as ordered, Specification B.11,	„	18 cwt.	do.	0 0 4	
†2842	Lead, Red, dry, Specification B.5, in 5-cwt. casks, B.A.L.M.	N.S.W.	150 „	cwt.	2 6 3	Brooks, Robinson & Co. Ltd.
†2842A	„ Red, dry, Specification B5, in 1 cwt. kegs, B.A.L.M.	„		do.	2 7 6	
†2843	„ White (Basic Carbonate) dry, genuine, Specification B.1, in 1-cwt. kegs,	„	25 „	do.	2 11 6	George Russell Ltd.
†2844	Ochre, Dry, any shades ordered, excluding yellow, Specification B.9, in 14 or 28 lb. pkgs.	„	20 „	do.	1 0 0	J. Danks & Son Pty. Ltd.
†2845	Ochre, Dry, Yellow, Specification B.9, in 1-cwt. bags	„	40 „	do.	0 10 0	
†2846	Oxide, Red, in oil, Specification B.8, in 56-lb. drums	Victoria	100 „	do.	1 6 6	C. Atkins & Sons Pty. Ltd.
†2847	Oxide of Iron, Brown, dry, Specification B.8 Ground, delivered f.o.r. Ballarat ..	„	100 tons	ton	6 0 0	F. Speed
†2848	Red, Chinese, dry, in 7-lb. pkgs.	U.K.	56 lb.	lb.	0 1 6½	W. & G. Dean Pty. Ltd.
†2849	„ Indian, dry, Specification B.6, in 28-lb. pkgs.	Spain	20 cwt.	cwt.	1 5 0	Wilkinson, Heywood & Clark (Melb. Branch)
†2850	„ Mail, dry, in 14 and 28 lb. pkgs. ..	U.K.	1,000 lb.	lb.	0 1 1	H. J. Corder Pty. Ltd.
†2851	„ Venetian, dry, Specification B.7, in 7 and 14 lb. pkgs., B. S. & Co.	U.K.	3 cwt.	cwt.	1 1 6	Brooks, Robinson & Co. Ltd.
†2852	Red, Venetian, in oil, Specification B.7, in 28-lb. kegs. B. S. & Co.	„		do.	2 2 6	
	Sienna, Burnt—					
†2853	Dry, Specification B.12, in 7-lb. pkgs. ..	„	200 lb.	lb.	0 0 4½	H. J. Corder Pty. Ltd.
†2854	In oil, in 1-cwt. packages, Specification B.12	N.S.W.	100 cwt.	cwt.	2 16 0	Victoria Varnish Co.
†2855	„ in 14-lb. and 28-lb. packages, as ordered, Specification B.12	„		do.	3 5 0	
†2856	In pulp, Specification B.12, in 28-lb. pkgs.	Victoria	100 lb.	lb.	0 0 4	E. L. Yencken & Co. Pty. Ltd.
	Sienna, Raw—					
†2857	In oil, in 2-qr. 21-lb. packages, Specification B.12. "United"	S.A.	200 cwt.	cwt.	3 13 0	Brooks, Robinson & Co. Ltd.
†2858	„ in 14-lb. and 28-lb. packages, as ordered, Specification B.12. "United"	„		do.	3 19 6	
†2859	In pulp, Specification B.12, in 28-lb. pkgs.	Victoria	500 lb.	lb.	0 0 4	E. L. Yencken & Co. Pty. Ltd.
	Umber, Burnt—					
†2860	Dry, Specification, B.12, in 7 and 14 lb. pkgs.	„	200 „	do.	0 0 3½	N. Macleod & Co.
†2861	In oil, in 1-cwt. packages, Specification B.12	N.S.W.	100 cwt.	cwt.	2 19 0	
†2862	„ in 14-lb. and 28-lb. packages, as ordered, Specification B.12	„		do.	3 5 0	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	COLOURS PIGMENTS, AND DYES—*continued.*					
†2863	Vermilion, Pure, deep, in 1 and 7 lb. tins ..	U.K.	300 lb.	lb.	0 6 11	W. & G. Dean Pty. Ltd.
†2864	Whiting (Calcium Carbonate), Specification C.1, in approx. 3-cwt. casks	,,	120 cwt.	cwt.	0 6 6	J. Danks & Son Pty. Ltd.
†2865	Zinc; Sulphate	,,	60 lb.	lb.	0 0 3½	E. L. Yencken & Co. Pty. Ltd.
†2866	Zinc Oxide (Zinc White), in Oil, Specification B.2, in 1-cwt. kegs or drums	N.S.W.	3 cwt.	cwt.	2 15 0	Victoria Varnish Co.
	DYES.					
†2867	Dye, Aniline, fast red, fibre scarlet, No. 6040, packed in 1-cwt. kegs	U.K.	500 lb.	lb.	0 3 6	N. G. Clark
	Dye, B.A. and S.F., in 10-lb. containers—					
†2868	Black, fast coating	Germany	2,500 ,,	do.	0 5 0	Dyes & Chemicals (Aust.) Ltd.
†2869	Blue ,, ...	,,		do.	0 5 0	
†2870	Blue-greenish ,, ...	,,		do.	0 5 0	
†2871	Claret ,, ...	,,		do.	0 5 0	
†2872	White ,, ...	,,		do.	0 5 0	
†2873	Yellow ,, ...	,,		do.	0 5 0	

PAINT, ENAMEL, BOILER COMPOUND, ETC.

(1.7.1929 to 31.3.1931.)

The Black Bituminous Paint 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 rate tendered shall include delivery at the store of the Corporation at Laurens-street, North Melbourne.

The Anti-corrosive Grey Paint 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 rate tendered shall include delivery at the store of the Corporation at Laurens-street, North Melbourne.

The Anti-corrosive Compound 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.

As regards Items Nos. 2889, 2890 and 2895, provided satisfactory service is rendered, each Contractor should receive a portion of the business.

	Paint, Distemper, Washable—					
†2881	White, "Seagull"	Victoria	10 cwt.	cwt.	1 13 0	"Selim" Mineral Products Co.
†2882	Buff, "Coloro," Dry, in 56-lb. boxes ..	,,	15 ,,	do.	1 10 0	Briscoe & Co. Ltd.
†2883	Paint, Enamel, any tints ordered, in ¼-gallon tins, "Splendene"	N.S.W.	300 gals.	gal.	0 16 6	Victoria Varnish Co.
†2884	,, ,, Stoving, White, "Goodlass Wall" in ½ gal. tins	Victoria	12 ,,	do.	0 16 0	E. L. Yencken & Co. Pty. Ltd.
†2885	,, ,, ,, Black	,,	12 ,,	do.	0 15 0	S. Smith & Co. Pty. Ltd.
†2886	,, Priming, Black, for Stoving Enamel, "Sherwin-Williams"	N.S.W.	6 ,,	do.	0 11 5	George Russell Ltd.
	Paint, Enamel, Stove, Cycle, "Goodlass Wall"—					
2887	Royal Blue, in 6-lb. tins	Victoria	15 tins	tin	0 7 6	E. L. Yencken & Co. Pty. Ltd.
2888	White, in ½-gallon tins	,,	15 ,,	do.	0 8 0	
†2889	Paint, Enamel, Black, Finishing, suitable for use on locomotives, in 1-gallon tins, "Sherwin Williams"	N.S.W.	500 gals.	gal.	0 9 7	George Russell Ltd.
†2889A	,, Enamel, Black, Finishing, suitable for use on locomotives, in 1-gallon tins, "Dockers"	,,		do.	0 10 6	Wilkinson, Heywood & Clark (Melb. Branch)

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	PAINT, ENAMEL, BOILER COMPOUND, ETC.—*continued.*					
†2890	Paint, Under-coating, for Item No. 2889, "Sherwin Williams"	N.S.W.	250 gals.	gal.	0 10 9	George Russell Ltd.
†2890A	,, Under-coating, for Item No. 2889A Dockers	,,		do.	0 10 0	Wilkinson, Heywood & Clark (Melb. Branch)
†2891	,, Black, Bituminous, Enamel, in 4-gallon tins, "Taubmans E.306"	,,	1,000 ,,	do.	0 8 9	Taubmans Pty. Ltd.
†2892	,, Grey, Anti-corrosive, in 4-gallon tins, "Taubmans C.171"	,,	450 ,,	do.	0 13 0	
†2893	Thinners, Summer, for use with Item No. 2892, in 4-gallon tins	,,	100 ,,	do.	0 7 9	
†2894	,, Winter, for use with Item No. 2892, in 4-gallon tins	,,	100 ,,	do.	0 7 9	
†2895	Paint, Cold Water, Mill White	Victoria	..	cwt.	1 10 0	Edinburgh Varnish Works Pty. Ltd.
†2895A	,, Cold Water, Mill White	,,	400 cwt.	do.	1 9 6	Oxymel Oil & Paint Co. Pty. Ltd.
†2895B	,, Cold Water, "Snowette," in 56-lb. tins	N.S.W.		do.	1 9 6	Victoria Varnish Co.
†2895C	,, Cold Water, Mill White, in 56-lb. tins	,,		do.	1 9 6	Taubmans Pty. Ltd.
†2896	,, in lieu of "Bon Accord"	,,	40 gals.	gal.	1 2 6	
†2897	Compound, Anti-corrosive, in 1-gallon tins, "Apexior," or suitable alternative	..	300 ,,	do.	..	Nil

ROOFING FELT, ETC.

(1.7.1929 to 31.3.1931.)

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.

†2901	Roofing Felt, bituminous sheeting, 3-ply, 36" wide, in rolls of 72', with tacks and cement for fixing. "Certainteed"	U.S.A.	100 rolls	roll	1 9 6	John Danks & Son Pty. Ltd.
†2902	Asphalt, saturated, felt, in rolls of approx. 108' x 3'. "Oral"	N.S.W.	20 ,,	do.	0 12 6	Ormonoid Roofing & Asphalts Ltd.
†2903	Pitch, Roofing, in barrels	U.S.A.	60 cwt.	cwt.	0 10 0	John Danks & Son Pty. Ltd.
2904 to 2905	Nil					

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

LIME AND LIMESTONE, ETC.

(1.7.1929 to 31.3.1931.)

The Lime shall be fresh and properly burnt, and of approved quality, and delivered in bags of the lengths and breadths stated where provided for at the end of the Schedule, 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.

†2906	Lime, "Kawa," in bags 41″ x 23″, in truck loads at Kawarren	Victoria	1,100 bags	bag	0 4 0	Alkemade Bros.
†2906A	Lime, "Kawa," in bags 41″ x 23″, delivered on any work within 3 miles of Spencer-street Railway Station by road	,,		do.	0 4 10	
†2906B	Lime, "White Rock," in bags 36″ x 24″, in trucks at Company's Siding	,,		do.	0 4 2	White Rock Lime Co. Pty. Ltd.
†2907	Lime, for Pintsch Gas purification, "Kawa," in bags 41″ x 23″ in truck loads at Kawarren	,,	400 ,,	do.	0 4 0	Alkemade Bros.
†2907A	Lime, for Pintsch Gas purification; "Kawa," in bags 41″ x 23″, delivered at Pintsch Gas Station, Spencer-street	,,		do.	0 4 10	
†2908	Limestone, Marble, pure, delivered in trucks at Lilydale	,,	100 tons	ton	0 14 0	David Mitchell Estate

FOUNDRY MATERIAL.

(1.7.1929 to 31.3.1931.)

†2913	Blacking, Moulders'	Victoria	100 cwt.	cwt.	0 8 6	Proud Bros. Pty. Ltd.
	Crucibles, Plumbago—					
†2914	No. 20	..	20	each	..	Nil
†2915	No. 25	..	24	do.	..	
†2916	No. 40	..	2	do.	..	
†2917	No. 50	..	2	do.	..	
2918	No. 66D (for smelting steel), "Morgan" ..	U.K.	250	do.	1 18 0	Felton, Grimwade & Co. Pty. Ltd.
2919	Crucibles, T.P. 191—Drawing No. 2639/15 (for "Morgan's" Tilting-Furnace)	,,	2	do.	6 0 0	H. B. Selby & Co.
2920	Pedestals for Crucibles (Item No. 2919)	,,	4	do.	1 5 0	
†2921	Facing, white	Victoria	10 tons	cwt.	0 8 6	Proud Bros. Pty. Ltd.
2922	Ferro Silicon, 75 per cent., in 10-cwt. lots ..	U.K.	8 tons	do.	1 11 0	O. T. Lempriere & Co.
†2923	Furnace Lining, "Silacene," or suitable alternative	..	10 cwt.	do.	..	Nil
†2924	Graphite, Pure Flake, in 5-lb. tins, "Foliac"	U.K.	150 lb.	lb.	0 1 8½	McPherson's Pty. Ltd.
2925	,, "Foliac" Compound	,,	600 ,,	do.	0 1 6⅞	
†2926	Plumbago, Coarse	Victoria	60 cwt.	cwt.	0 18 0	Proud Bros. Pty. Ltd.
†2927	,, Fine	,,	100 ,,	do.	1 0 0	
2928	"Smooth On" Yellow Label, No. 4, in 5-lb. tins	U.S.A.	150 lb.	lb.	0 1 1¾	Wm. Adams & Co. Ltd.
	Wire Wax—					
2929	No. 3, ⅛″	U.K.	50 ,,	lb.	0 1 11	
†2930	No. 4, 3/16″	,,		do.	0 1 11	
2931	No. 6, ¼″	,,		do.	0 1 11	
2932	No. 8, 5/16″	,,		do.	0 1 11	
2933 to 2936	Nil.					

PLATERS' MATERIAL.

(1.7.1929 to 31.3.1931.)

As regards Items Nos. 2937 to 2942, the Anodes shall consist of 99 per cent. nickel, and shall be free from Copper and Zinc.

*As regards Items Nos. 2937 to 2942, the Contractor is entitled to claim cartage to Spencer-street at the following rates, according to weight delivered :—

½ cwt.	1s. 6d.	per delivery.
1 to 2 cwt.	2s.	,,
3 to 4 cwt.	3s.	,,
5 to 6 cwt.	3s. 6d.	,,
7 to 10 cwt.	4s. 6d.	,,
10 to 20 cwt. and upwards	6s.	,,

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	PLATERS' MATERIAL—*continued*.					
	Name of Manufacturer— Items Nos. 2946, 2964, 2965.—W. Canning & Co., Birmingham, England. Item No. 2970.—Graner & Weil Ltd., England.					
	Anodes, Cast Nickel, 99 per cent.—					
2937	18″	U.K.	80 lb.	lb.	*0 2 9	O. T. Lempriere & Co.
2938	20″	,,	20 ,,	do.	*0 2 9	
2939	24″	,,	90 ,,	do.	*0 2 9	
	Anodes, Rolled Nickel, 99 per cent.—					
2940	18″	,,	40 ,,	do.	*0 2 10	
2941	20″	,,	20 ,,	do.	*0 2 10	
2942	24″	,,	40 ,,	do.	*0 2 10	
†2943	Baskets, Earthenware, dipping	,,	9	each	..	Nil
*2944	Brushes, Scratch, 553P	,,	50	do.	0 4 2	McPherson's Pty. Ltd.
*2945	,, ,, Steel Wire Circular, S.318	,,	6	do.	0 5 6	A. G. Healing Ltd.
†2946	Compo, White (Peerless Polish), in tins of approx. 30 oz.	,,	600 lb.	tin	0 1 5½	
†2947	Crocus, Compo, No. 2	,,	24 ,,	lb.	0 0 6	A. L. Campbell & Co. Pty. Ltd.
*2948	Felt Bobs, 1½″ thick, 6″ diameter	Victoria	6 ,,	do.	0 8 2½	
*2949	,, 1½″ thick, 9″ diameter	,,	6 ,,	do.	0 8 2½	
†2950	Felt, in sheets, White, ½″ thick	U.K.	150 sq. ft.	do.	0 7 6	
†2951	Lacquer, Colourless, Celluloid, in 1-quart sealed tins	..	6 gals.	gal.	..	Nil
†2952	,, Thinner, in 1-gallon sealed tins ..	..	8 ,,	do.	..	
†2953	,, Clear, Cellulose	..	4 ,,	do.	..	
†2954	,, ,, ,, thinner	..	3 ,,	do.	..	
2955	Mops, Calico, Grey, 9″ x 50B	Victoria	100	each	0 4 6	A. L. Campbell & Co. Pty. Ltd.
†2956	,, ,, White, 12″ x 140H	,,	100	do.	0 13 0	
†2957	,, ,, ,, 9″ x 100H	,,	6	do.	0 6 2	
†2958	,, ,, ,, 6″ x 100H	,,	12	do.	0 3 1½	
*2959	,, Swansdown, 6″ x 24″	..	12	do.	..	Nil
*2960	,, ,, 9″ x 24″	..	6	do.	..	
†2961	,, Grey, 6″ x 50B	Victoria	24	do.	0 2 6	A. L. Campbell & Co. Pty. Ltd.
2962	Potassium, Cyanide (Double Salt Sodium and Pot. Cyanide), 100 per cent., in 1-cwt. cases containing about 10% Pot. Cyanide	U.K.	224 lb.	lb.	0 1 1½	Felton, Grimwade & Co. Pty. Ltd.
†2963	Rouge, Compo, AZ	,,	12 ,,	do.	0 3 0	A. G. Healing Ltd.
†2964	Salts, Nickel, best, double	,,	500 ,,	do.	0 0 6½	
†2965	,, Nickel, best, single	,,	56 ,,	do.	0 0 6½	
*2966	Swabs, Potash	,,	12	each	0 1 3	
*2967	Tape, Emery, ½″, in pieces of 36 yards each	,,	12 pieces	doz. yds.	0 2 9	
*2968	,, ,, 1″, in pieces of 36 yards each	,,	50 ,,	do.	0 4 3	
2969	,, ,, 1½″, in pieces of 36 yards each	,,	6 ,,	do.	0 6 0	
†2970	Tripoli, Compo	,,	3,000 lb.	lb.	0 0 5¼	A. L. Campbell & Co. Pty. Ltd.
2971 to 2976	Nil.					

DRAPERY, ETC., No. 2.

(1.7.1929 to 31.3.1931.)

As regards Items Nos. 2985 to 2987, the Sponge Cloths shall be of the following sizes and approximate weights:—

Item No. 2985—22 inches x 18 inches .. .. 14 lb. per gross. "Beehive" Brand.
Item No. 2986—24 inches x 24 inches .. .. 17½ ,, ,, ,,
Item No. 2987—28 inches x 28 inches .. .. 25 ,, ,, ,,

As regards Items Nos. 2995 and 2996, time for delivery—10 to 12 weeks—is to be allowed.

†2977	Blanketing, Dark Grey, in rolls	Victoria	20,000 lb.	lb.	0 4 0	Ballarat Woollen & Worsted Co. Ltd.
*2978	Buttons, Leather, solid, black, large ..	U.K.	800 gross	gross	0 2 9	Hicks, Atkinson & Sons Pty. Ltd.
†2979	Buttons, Steel, Clinch, black, 1¼″, without washers	..	200 ,,	do.	..	Nil

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	DRAPERY, ETC. (No. 2)—*continued.*					
	Calico, Unbleached—					
†2980	36″ wide	U.K.	2,000 lin. yds.	l. yd.	0 0 9	Hicks, Atkinson & Sons Pty. Ltd.
2981	72″ wide	,,	3,500 ,,	do.	0 1 9	
2982	Calico, Signwriters', 36″ wide	,,	2,000 ,,	do.	0 0 5	
†2983	Calico, White, 36″ wide	,,	1,000 ,,	do.	0 0 7⅞	
2984	,, ,, 72″ wide	,,	300 ,,	do.	0 2 2¾	
†2985	Cloths, Sponge, 22″ x 18″	,,	1,500 gross	gross	1 0 4	J. Edmondson & Co. Pty. Ltd.
†2986	Cloths, Sponge, 24″ x 24″	,,	600 ,,	do.	1 5 6	
†2987	Cloths, Sponge, 28″ x 28″	,,	200 ,,	do.	1 16 0	
	Cord, Blind, White, Glace—					
2988	2 lb. "G"	Victoria	24 dozen yards.	dozen yards	0 0 8½	Evan Evans Pty. Ltd.
†2989	2½ lb. "G"	,,	80 ,,	do.	0 0 9½	
2990	3 lb. "G"	,,	60 ,,	do.	0 0 10½	
*2991	Cord for Holland Blinds, Brown	U.K.	12 gross yds.	do.	0 0 6½	
*2992	,, ,, ,, Green	,,	50 ,, ,,	do.	0 0 6½	
†2993	Cotton, in reels of 300 yards, white or black, any Nos. ordered	,,	50 doz.	dozen	0 4 3	Hicks, Atkinson & Sons Pty. Ltd.
†2994	Drill, Drab, 30″ wide	,,	1,500 l. yds.	l. yd.	0 1 3½	
	Duck, Japanned, Crockett's, 1st quality, in pieces of 12 yards—					
†2995	Claret, 72″ wide	,,	2,000 ,,	do.	0 8 1	Watson Trading Co. Pty. Ltd.
†2996	Green, 72″ wide	,,	4,000 ,,	do.	0 8 0	
†2997	Duck, Linen, White, 72″ wide, G.301	,,	100 ,,	do.	0 5 9	Gair Manufacturing Co. Pty. Ltd.
	Elastic, White—					
†2998	⅜″	U.K.	80 yards	dozen yards	0 2 11	Hicks, Atkinson & Sons Pty. Ltd.
2999	¾″	,,	100 ,,	do.	0 4 6	
†3000	Flannelette, 27″, for floor cloths	,,	2,000 l. yds.	l. yd.	0 0 4¾	
†3001	Kapok, teased	Java	1,500 lb.	lb.	0 0 11½	Foy & Gibson Pty. Ltd.
†3002	Muslin, Butter, 36″	U.K.	1,500 l. yds.	l. yd.	0 0 2½	Hicks, Atkinson & Sons Pty. Ltd.
†3003	Poplin, Green, 50″ wide	,,	200 ,,	do.	0 4 6	Hicks, Atkinson & Sons Pty. Ltd.
†3004	Silk, Sewing Machine, in 1-oz. reels, any Nos. and colours ordered	,,	20 lb.	lb.	0 16 9	Gair Manufacturing Co. Pty. Ltd.
†3005	Skins, Chamois	,,	500	each	0 3 9	Hicks, Atkinson & Sons Pty. Ltd.
†3006	Sponge, Large, Carriage, perfectly dry, free from sand and all impurities	Greece	150 lb.	do.	0 2 9	
†3007	Swansdown, 30″ wide	U.K.	50 l. yds.	l. yd.	0 1 4	
	Tape, Cotton, White, in coils of 72 yards or 1,000-yd. reels—					
3008	½″	,,	200 yards	dozen yards	0 0 2¼	British General Elec. Co. Ltd.
3009	⅝″	,,	200 ,,	do.	0 0 3¼	
†3010	¾″	,,	70,000 ,,	do.	0 0 3½	
3011	1″	,,	5,000 ,,	do.	0 0 4¼	
†3012	Tape, Cotton, Black, 1″	,,	750 ,,	do.	0 0 5½	Hicks, Atkinson & Sons Pty. Ltd.
	Tape, Linen, Red—					
†3013	No. 16, 9 yards, per piece	,,	200 dozen pieces	dozen pieces	0 1 9	
†3014	No. 24, 9 yards, per piece	,,	150 ,,	do.	0 1 11	
	Tape, Linen, White, in reels of 100 yards or over—					
3015	⅜″	,,	100 yards	dozen yards	0 0 7	
3016	½″	,,	2,000 ,,	do.	0 0 7½	
3017	⅝″	,,	2,000 ,,	do.	0 0 8½	
†3018	¾″	,,	10,000 ,,	do.	0 0 9½	
3019	1″	,,	500 ,,	do.	0 1 0	
3020	1¼″	,,	100 ,,	do.	0 1 6	
	Tape, White, India, in coils of 72 yards—					
3021	½″	,,	100 gross yards	dozen yards	0 0 2¼	British General Elec. Co. Ltd.
3021 A	⅝″	,,		do.	0 0 3¼	
†3021 B	¾″	,,		do.	0 0 3½	
3021 C	1″	,,		do.	0 0 4¼	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £	s.	d.	Name of Contractor.
	DRAPERY, ETC. (No. 2)—*continued.*							
	Thread, Machine, in 2-oz. reels, any colours ordered—"Knox"							
3022	No. 12	U.K.	300 reels	reel	0	0	11½	Frank & Bryce Ltd.
3023	No. 18	,,	60 ,,	do.	0	1	0	
†3024	No. 20	,,	300 ,,	do.	0	1	1	
3025	No. 30	,,	20 ,,	do.	0	1	3½	
3026	No. 40	,,	50 ,,	do.	0	1	5	
3027	No. 50	,,	300 ,,	do.	0	1	6	
†3028	Velvet, Utrecht, 24" wide, green	,,	1,000 l. yds.	lin. yd.	0	5	11	
†3029	Wadding, Cotton, sheet, large size, unbleached, 27" x 36"	Victoria	800 dozen sheets	dozen sheets	0	3	4	Hicks, Atkinson & Sons Pty. Ltd.
†3030	Webbing, Brown, up to 2½", as ordered ..	U.K.	5,000 yards	100 yards	2	2	0	
†3031	Webbing, White, Cotton, 1", 72 yards in roll, No. 1	,,	12,000 ,,	do.	0	4	9	W. G. Sleightholm
†3032	Wool, Fingering, Sample "H"	Victoria	400 lb.	lb.	0	4	1½	Foy & Gibson Py. Ltd.
3033 to 3034	Nil							
	PAINTERS' AND GRAINERS' SUNDRIES. (1.7.1929 to 31.3.1931.)							
†3035	Aluminium Leaf, best quality, 5" ..	Germany	24 books	book of 25 sheets	0	0	2¾	E. L. Yencken & Co. Pty. Ltd.
†3036	,, Powder, best quality, in 1-lb. tins	U.K.	200 lb.	lb.	0	2	9	Brooks, Robinson & Co. Ltd.
†3037	Beeswax	Victoria	800 ,,	do.	0	2	2	W. & G. Dean Pty. Ltd.
†3038	Cutters, Glass, turret head, No. 1, "Goodall Pratt"	U.S.A.	150	each	0	1	0	James Walker
	Dabs, Gilders' Camel Hair—							
3039	No. 2	..		do.		..		Nil
3040	No. 4	U.K.		do.	0	1	8	E. L. Yencken & Co. Pty. Ltd.
†3041	No. 6	,,	200	do.	0	2	6	
3042	No. 8	,,		do.	0	3	0	
3043	No. 10	,,		do.	0	4	0	
3044	No. 12	,,		do.	0	6	6	
†3045	Fitches, Hog Hair Lining, ¼" to 1", as ordered	Germany	60	do.	0	0	9	W. & G. Dean Pty. Ltd.
†3046	Knives, Palette, 6" blade, "Tyzack" ..	U.K.	6	do.	0	1	2	James Walker
†3047	,, ,, 7" blade, "Tyzack" ..	,,		do.	0	1	6	
†3048	,, Putty, any sizes ordered, "Tyzack"	,,	50	do.	0	1	1⅞	E. Duckett & Sons
†3049	,, Stopping, 6" blade, "Tyzack" ..	,,	300	do.	0	1	2½	
	Knives, Stripping—							
†3050	1½" blade, "Perigo Bros."	,,	50	do.	0	1	0	E. L. Yencken & Co. Pty. Ltd.
†3051	2" blade x 5" long, "Perigo Bros." ..	,,	50	do.	0	1	0	
†3052	2" blade x 6" long	..	200	do.		..		Nil
†3053	3" blade x 5" long	U.K.	100	do.	0	2	0	W. & G. Dean Pty. Ltd.
	Pencils, Sable, Writers' or Liners' Best Red—							
3054	Lark	,,	100	each	0	0	5	E. L. Yencken & Co. Pty. Ltd.
3055	Crow	,,	100	do.	0	0	7	
3056	Duck	,,	100	do.	0	1	0	
†3057	Goose	,,	80	do.	0	2	0	
3058	Extra Goose	..	12	do.		..		Nil
3059	Mid Swan	..	20	do.		..		
3060	Large Swan	..	12	do.		..		
†3061	Pumice Dust, Superfine	Italy	8 cwt.	cwt.	0	14	0	Brooks, Robinson & Co. Ltd.
†3062	,, ,, No. 2	..	3 ,,	do.		..		Nil
†3063	Pumice Stone	Italy	2 ,,	do.	1	7	6	W. & G. Dean Pty. Ltd.
†3064	Putty in Oil, in 28-lb. tins, "Wesco" ..	N.S.W.	400 ,,	do.	1	11	0	H. J. Corder Pty. Ltd.
†3065	,, ,, in 84-lb. tins, "Wesco" ..	,,		do.	1	3	9	
3066	Softening Fluid, in pint tins, "Kynoch" ..	U.K.	12 pints	pint	0	4	6	Briscoe & Co. Ltd.
†3067	Stones, rubbing	Germany	500	each	0	0	7½	Marcard, Lund & Co. Ltd.
†3068	Wood, plastic, in 1-lb. tins, "Kynoch" ..	U.K.	150 lb.	lb.	0	4	0	Briscoe & Co. Ltd.
†3069 to 3072	Nil							

GLASS.

(1.7.1929 to 31.3.1931.)

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.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	Glass—					
†3073	Plain Amber, any shades ordered ..	Belgium	700 sq. ft.	sq. ft.	0 0 11	E. L. Yencken & Co. Pty. Ltd.
†3074	Arctic, White	,,	300 ,,	do.	0 0 8	
†3075	,, Coloured	U.K.		do.	0 1 0	
†3076	Flemish, any colours ordered	,,	500 ,,	do.	0 0 11	
†3077	Opal, 16 oz.	Belgium	700 ,,	do.	0 0 8½	Brooks, Robinson & Co. Ltd.
†3078	,, 21 oz.	,,		do.	0 0 11	
	Plate, Polished, level, clear and free from blemish, as ordered—					
3079	⅛"	U.K.	1,000 ,,	do.	0 2 8	
3080	3/16", square feet, 0 to 10	,,	5,000 ,,	do.	0 2 5	
3081	¼", square feet, 0 to 10	,,	5,000 ,,	do.	0 2 3	
3082	5/16"	,,	800 ,,	do.	0 2 3	
	Plate, Rolled, ribbed—					
3083	⅛"	,,	4,000 ,,	do.	0 0 7½	
3084	3/16"	,,		do.	0 0 8½	
3085	¼"	,,	350 ,,	do.	0 0 10	
3086	Plate, Silvered, ¼" bevelled up to 1", as ordered	U.K. & Aust.	500 ,,	do.	0 4 2	
3087	,, ,, 5/16" bevelled up to 1", as ordered	,,	100 ,,	do.	0 4 2	
†3088	,, Wire cast	Belgium	1,200 ,,	do.	0 0 9	E. L. Yencken & Co. Pty. Ltd.
†3089	,, ,, rolled	U.K.	600 ,,	do.	0 1 0	Brooks, Robinson & Co. Ltd.
3090	Sheet, 16 oz., 0 to 40	,,	2,500 ,,	do.	0 0 3⅛	
3091	,, 16 oz., over 40 to 50	,,	700 ,,	do.	0 0 3¼	
3092	,, 21 oz., United inches, 0 to 40 ..	Belgium	24,000 ,,	do.	0 0 3¾	E. L. Yencken & Co. Pty. Ltd.
3093	,, ,, ,, over 40 to 50	U.K.	30,000 ,,	do.	0 0 5	Brooks, Robinson & Co. Ltd.
3094	,, ,, ,, ,, 50 to 70	,,	9,000 ,,	do.	0 0 5¼	
3095	,, ,, ,, ,, 70 to 80	,,	7,000 ,,	do.	0 0 6¼	
3096	,, ,, ,, ,, 80 to 90	,,	1,000 ..	do.	0 0 7½	
3097	,, ,, ,, ,, 90 to 100	,,	800 ,,	do.	0 0 8½	
	Sheet, Glass, 21 oz.—					
3098	12" x 10"	,,	2,500 sheets	sheet	0 0 3½	
3099	16" x 12"	,,	1,000 ,,	do.	0 0 5¼	
3100	16" x 14"	,,	1,000 ,,	do.	0 0 6⅛	
3101	18" x 12"	,,	300 ,,	do.	0 0 6	
3102	Sheet, 26 oz., United inches, 0 to 40 ..	,,	40,000 sq. ft.	sq. ft.	0 0 6½	
3103	,, ,, ,, over 40 to 50	,,	35,000 ,,	do.	0 0 8	
3104	,, ,, ,, ,, 50 to 70	,,	3,000 ,,	do.	0 0 9¼	
3105	,, ,, ,, ,, 70 to 80	,,	700 ,,	do.	0 0 9½	
3106	,, ,, ,, ,, 80 to 90	,,	100 ,,	do.	0 0 10⅛	
3107	,, ,, ,, ,, 90 to 100	,,	200 ,,	do.	0 0 11¼	
3108	Sheet, Ground, 21 oz.	U.K. & Aust.	1,000 ,,	do.	0 0 7½	
3109	,, ,, 26 oz.	,,	200 ,,	do.	0 0 10½	
†3110	,, Signal green, 16 oz.	U.K.	800 ,,	do.	0 2 8	
†3111	,, ,, red, 16 oz.	,,	1,000 ,,	do.	0 1 0	
†3112	Trimidical	,,	1,000 ,,	do.	0 0 11	
3113 to 3115	Nil.					

GRINDSTONES AND ABRASIVE WHEELS.

(1.7.1929 to 31.3.1931.)

Where the tender of F. Wells Pty. Ltd. has been accepted, all of such material required is to be ordered on it, and, in the event of it making failure, the orders are to be placed on the concurrent Contractor, where applicable, and the difference in cost debited to F. Wells Pty. Ltd. after issue of formal notice to purchase.

Orders are only to be placed under the concurrent contracts where it has been established that F. Wells Pty. Ltd. has made failure.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GRINDSTONES AND ABRASIVE WHEELS—*continued*.					
	The grits and grades inserted for each item by Frank Wells Pty. Ltd. are to be considered as a general proposal, as in certain instances detailed information whether soft, hard, annealed, &c., is not given. If any variations are required in grit and grade, the contract rates shall *not* be amended.					
	Names of Manufacturers—					
	GRINDSTONES.					
	Eliza Tinsley Pty. Ltd.: Carborundum Co., Manchester, England.					
	C. S. Green & Son: Saunders, Pyrmont, New South Wales.					
	Briscoe & Co. Ltd.: Pyrmont Company, New South Wales.					
	ABRASIVE WHEELS.					
	Eliza Tinsley Pty. Ltd.: Carborundum Co., Manchester, England.					
	Frank Wells Pty. Ltd. Swiss Grinding Wheel Works Ltd., Switzerland.					
	F. Vial & Sons Pty. Ltd.: B. & R. Rowlands, England.					
Discs,	Carborundum, $\frac{7}{16}''$ thick, 24″ x 8″—					
3116	For grinding Steel	U.K.	20	each	2 7 0	Eliza Tinsley Pty. Ltd.
3117	For grinding Brass	,,	10	do.	2 7 0	
	Grindstones, of approved grit, soft, medium, or hard, as ordered—					
3118	4″ thick x 24″ diameter	N.S.W.	12	do.	1 0 0	C. S. Green & Son
3119	5″ thick x 30″ diameter	,,	4	do.	2 2 6	
3120	7″ thick x 48″ diameter	,,	2	do.	7 11 6	
3121	12″ thick x 84″ diameter	,,	4	do.	45 0 0	Briscoe & Co. Ltd.
	Wheels, Abrasive—					
3122	$\frac{3}{4}''$ x $1\frac{1}{2}''$ x $\frac{5}{16}''$, Lapping C.H. Pin Holes, Grit 60, Grade M.	Switz.	30	do.	0 1 5	Frank Wells Pty. Ltd.
3123	$\frac{7}{8}''$ x $\frac{1}{4}''$ x $\frac{1}{4}''$, High Speed Tools, Grit 60, Grade K.	,,	12	do.	0 0 7	
3124	1″ x $\frac{1}{4}''$ x $\frac{1}{4}''$, High Speed Tools, Grit 60, Grade K.	,,	2	do.	0 0 7	
3125	1″ x $\frac{3}{4}''$ x $\frac{1}{2}''$, Churchill Grinder, Grit 46, Grade K.	,,	24	do.	0 1 0	
3126	1″ x $\frac{3}{4}''$ x $\frac{1}{2}''$, Churchill Grinder, Grit 80, Grade K.	,,	24	do.	0 1 0	
3127	1″ x $1\frac{1}{2}''$ x $\frac{5}{16}''$, Grit 60, Grade N. ..	,,	24	do.	0 1 6	
3128	1″ x $\frac{1}{4}''$ x $\frac{1}{4}''$, Grit 60, Grade K.	,,	2	do.	0 0 7	
3129	$1\frac{1}{8}''$ x $1\frac{1}{2}''$ x $\frac{5}{16}''$, Lapping C.H. Pin Holes, Grit 46, Grade N.	,,	2	do.	0 1 6	
3130	$1\frac{1}{4}''$ x $1\frac{1}{2}''$ x $\frac{5}{16}''$, for Lapping Machine, Grit 46, Grade N.	,,	40	do.	0 1 7	
3131	$1\frac{1}{4}''$ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, for Lapping Machine, Grit 46, Grade N.	,,	50	do.	0 1 7	
3132	$1\frac{1}{2}''$ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, for Lapping Machine,	..	50	..	..	Nil
3133	$1\frac{3}{4}''$ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, for Lapping Machine, Grit 46, Grade N.	Switz.	2	each	0 1 11	Frank Wells Pty. Ltd.
3134	2″ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, for Lapping Machine, Grit 46, Grade N.	,,	2	do.	0 2 1	
3135	2″ x $\frac{1}{4}''$ x $\frac{1}{2}''$, Arbor Hole, Grit 46, Grade K.	,,	2	do.	0 0 11	
3136	2″ x $\frac{1}{4}''$ x $\frac{1}{4}''$	..	..	..	..	Nil
3137	$2\frac{1}{8}''$ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, Lapping C.H. Pin Holes, Grit 46, Grade N.	Switz.	2	each	0 2 2	Frank Wells Pty. Ltd.
3138	$2\frac{1}{4}''$ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, for Lapping Machine, Grit 46, Grade N.	,,	2	do.	0 2 3	
3139	$2\frac{1}{2}''$ x 1″, recessed for internal grinding (cast iron), diameter of recess $1\frac{3}{4}''$, depth of recess $\frac{7}{16}''$, bore $\frac{7}{8}''$, Grit 36, Grade J.	,,		do.	0 2 2	
3139A	$2\frac{1}{2}''$ x 1″, recessed for internal grinding (cast iron), diameter of recess $1\frac{3}{4}''$, depth of recess $\frac{7}{16}''$, bore $\frac{7}{8}''$, Grit 24, Grade K., Silicon Carbide	U.K.	12	do.	0 2 5	F. Vial & Sons Pty Ltd.
3140	$2\frac{1}{2}''$ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, for Lapping Machine, Grit 36, Grade M.	,,	10	do.	0 2 5	
3141	$2\frac{3}{4}''$ x $1\frac{1}{2}''$ x $\frac{9}{16}''$, Lapping C.H. Pin Holes, Grit 36, Grade M	,,		do.	0 2 6	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GRINDSTONES AND ABRASIVE WHEELS—*continued*.					
	Wheels, Abrasive—*continued*.					
3142	3″ x 1½″ x 9/16″, for Lapping Machine, Grit 46, Grade N.	Switz.	12	each	0 2 8	Frank Wells Pty. Ltd.
3143	3″ x ⅜″ x ½″, Grit 46, Grade R.	,,	6	do.	0 1 3	
3144	3″ x ½″ x ½″, Arbor Hole, Grit 46, Grade P.	,,	6	do.	0 1 6	
3145	3″ x ½″ x ½″, Grit 46, Grade K.	,,	10	do.	0 1 6	
3146	3″ x ¼″ x ¼″, General Tools, Grit 60, Grade M.	,,	4	do.	0 1 2	
3147	3″ x ½″ x ½″, Internal C.I. Cylinders, Grit 36, Grade J.	,,	4	do.	0 1 6	
3148	3″ x 1¼″ x 1¼″, Recessed, Grit 40, Grade O., Aloxite	U.K.	4	do.	0 2 5	Eliza Tinsley Pty. Ltd.
3149	3¼″ x 1¼″ x ½″, Taper Cup, Grit 60, Grade K.	Switz.	4	do.	0 2 7	Frank Wells Pty. Ltd.
3150	3⅜″ x ¾″, recessed for internal grinding (cast iron), diameter of recess 2⅜″, depth of recess 5/16″, bore 1⅜″, Grit 36, Grade J.	,,	12	do.	0 1 10	
3150A	3⅜″ x ¾″, recessed for internal grinding (cast iron), diameter of recess 2⅜″, depth of recess 5/16″, bore 1⅜″, Grit 24–36, Grade K.	U.K.		do.	0 2 3	F. Vial & Sons Pty. Ltd.
3151	4″ x ⅛″ x ½″, Mortice Chains, Grit 80, Grade IV., Elastic	Switz.	4	do.	0 0 8	Frank Wells Pty. Ltd.
3151A	4″ x ⅛″ x ½″, Mortice Chains, Grit 60, Grade B., Elastic	U.K.		do.	0 1 10	F. Vial & Sons Pty. Ltd.
3152	4″ x ½″ x ½″, Saucer Edge Tools	..	4	..	..	Nil
3153	4″ x ½″ x ½″, High Speed Tools, ...	..	4	..	..	
3154	4″ x ¼″ x ½″, High Speed Tools, Grit 60, Grade M.	Switz.	4	each	0 1 7	Frank Wells Pty. Ltd.
3155	4″ x 1/16″ x ½″, High Speed Tools, Grit 80, Grade M.	,,	2	do.	0 0 6	
3155A	4″ x 1/16″ x ½″, High Speed Tools, Grit 60, Grade B., Elastic	U.K.		do.	0 1 10	F. Vial & Sons Pty. Ltd.
3156	4″ x ½″ x ½″	..	..	..	..	Nil
3157	4″ x ½″ x ½″, Arbor Hole	..	4	..	..	
3158	4″ x 1¼″ x 1¼″, Recessed, Grit 46, Grade M.	Switz.	4	each	0 3 1	Frank Wells Pty. Ltd.
3158A	4″ x 1¼″ x 1¼″, Recessed, Grit 40–60, Grade M,	U.K.		do.	0 3 3	F. Vial & Sons Pty. Ltd.
3159	4″ x 1½″ x 9/16″, for Lapping Machine, Grit 46, Grade N.	Switz.	4	do.	0 3 5	Frank Wells Pty. Ltd.
3160	4½″ x 1¼″ x 1¼″, Recessed, Grit 46, Grade N.	,,	4	do.	0 3 4	
3160A	4½″ x 1¼″, x 1¼″, Recessed, Grit 46, Grade L.	U.K.		do.	0 3 10	F. Vial & Sons Pty. Ltd.
3161	4½″ x 1½″ x 9/16″, for Lapping Machine, Grit 46, Grade N.	Switz.	4	do.	0 4 0	Frank Wells Pty. Ltd.
3161A	4½″ x 1½″ x 9/16″, for Lapping Machine, Grit 36, Grade M.	U.K.		do.	0 4 3	F. Vial & Sons Pty. Ltd.
3162	5″ x 1″ thick, Edge Tools, Grit 46, Grade M.N.	,,	10	do.	0 3 10	
3163	5″ x 1½″ x ½″, Straight Cup, Grit 46, Grade K.M.	,,	2	do.	0 4 10	
3164	5″ x 1½″ x ½″, Cup, Grit 46, Grade K.N.	,,	4	do.	0 4 10	
3165	5″ x 1½″ x ½″, Cup Wheel, Grit 46, Grade K.M.	,,	2	do.	0 4 10	
3166	5″ x ½″ x ½″, Arbor Hole, Cup, Grit 60, Grade O.	Switz.	2	do.	0 2 8	Frank Wells Pty. Ltd.
3166A	5″ x ½″ x ½″, Arbor Hole, Cup, Grit 46, Grade L.M.	U.K.		do.	0 2 10	F. Vial & Sons Pty. Ltd.
3167	6″ x ½″ x ½″, Milling Cutters, Grit 60, Grade M.	Switz.	12	do.	0 3 3	Frank Wells Pty. Ltd.
3168	6″ x ⅛″ x ½″, High Speed Tools, Grit 60, Grade IV., Elastic	,,	4	do.	0 2 6	
3168A	6″ x ⅛″ x ½″, High Speed Tools, Grit 46, Grade L.M.	U.K.		do.	0 2 11	F. Vial & Sons Pty. Ltd.
3169	6″ x 11/16″ x ½″, Dish	..	..	..	..	Nil
3170	6″ x ⅜″ x ½″, High Speed Tools, Grit 60, Grade K.	Switz.	4	each	0 3 0	Frank Wells Pty. Ltd.
3171	6″ x ¼″ x ½″, High Speed Tools, Grit 46–60, Grade L.M.	U.K.	8	do.	0 2 10	F. Vial & Sons Pty. Ltd.
3172	6″ x ⅛″ x ½″, Mortice Chains, Grit 80, Grade IV., Elastic	Switz.	4	do.	0 2 6	Frank Wells Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GRINDSTONES AND ABRASIVE WHEELS—*continued.*					
	Wheels, Abrasive—*continued.*					
3173	6″ x $\frac{11}{16}$″ x $\frac{1}{2}$″, Saucer	..	..	..	..	Nil
3174	6″ x $\frac{13}{16}$″ x $\frac{3}{4}$″, for Coventry Drill Grinders for High Speed Drills	..	6	..	..	
3175	6″ x $\frac{15}{16}$″ Camber x $\frac{1}{2}$″, Saucer, Grit 46, Grade K.	Switz.	10	each	0 4 7	Frank Wells Pty. Ltd.
3175A	6″ x $\frac{15}{16}$″ Camber x $\frac{1}{2}$″, Saucer, Grit 46-60, Grade M.	U.K.		do.	0 4 11	F. Vial & Sons Pty. Ltd.
3176	6″ x $\frac{1}{2}$″ x $\frac{1}{2}$″, Grit 40, Grade H.	Switz.	6	do.	0 3	Frank Wells Pty. Ltd.
3176A	6″ x $\frac{1}{2}$″ x $\frac{1}{2}$″, Grit 40, Grade H.	U.K.		do.	0 3 6	F. Vial & Sons Pty. Ltd.
3177	6″ x $\frac{1}{8}$″ x $\frac{1}{2}$″, High Speed Tools, Grit 60, Grade K.	Switz.	6	do.	0 2 6	Frank Wells Pty. Ltd.
3178	6″ x 1″ x $\frac{1}{2}$″, Portable Grinders, Grit 24, Grade Q.	,,	200	do.	0 4 9	
3179	6″ x 1$\frac{1}{4}$″ x 1$\frac{3}{4}$″, Recessed, Grit 24, Grade Q.	,,	6	do.	0 5 5	
3180	6″ x 2″ x $\frac{3}{4}$″, Cup, Grit 50, Grade O., Aloxite	U.K.	4	do.	0 7 10	
3181	6″ x 2″ x $\frac{3}{4}$″, Taper Cup, Grit 50, Grade O., Aloxite	,,	4	do.	0 7 10	Eliza Tinsley Pty. Ltd.
3182	6″ x $\frac{3}{4}$″ x 1$\frac{1}{4}$″, Slide Bars, Grit 40, Grade M., Aloxite	,,	4	do.	0 4 4	
3183	6″ x $\frac{3}{4}$″ x 1$\frac{1}{4}$″, Internal C.I. Cylinders, Grit 36, Grade J.	Switz.	4	do.	0 4 2	Frank Wells Pty. Ltd.
3183A	6″ x $\frac{3}{4}$″ x 1$\frac{1}{4}$″, Internal C.I. Cylinders, Grit 24, Grade K., Silicon Carbide	U.K.		do.	0 4 11	F. Vial & Sons Pty. Ltd.
3184	6″ x 1″ x 1$\frac{1}{4}$″, Internal C.I. Cylinders, Grit 36, Grade J.	Switz.	4	do.	0 4 9	Frank Wells Pty. Ltd.
3184A	6″ x 1″ x 1$\frac{1}{4}$″, Internal C.I. Cylinders, Grit 24, Grade K., Silicon Carbide	U.K.		do.	0 5 6	F. Vial & Sons Pty. Ltd.
3185	6″ x $\frac{7}{8}$″ x $\frac{1}{2}$″, Saucer, Edge Tools, Grit 46-60, Grade N.	,,	4	do.	0 4 7	F. Vial & Sons Pty. Ltd.
3186	6″ x $\frac{7}{8}$″ x $\frac{1}{2}$″, Saucer Wheel, H.S. Tools, Grit 46-60, Grade K.M.	,,	4	do.	0 4 7	
3187	7″ x $\frac{3}{8}$″ x 1$\frac{1}{2}$″	..	..	..	..	Nil
3188	7″ x $\frac{1}{4}$″ x 1$\frac{1}{2}$″, Grit 46, Grade L. ..	Switz.	4	each	0 3 3	Frank Wells Pty. Ltd.
3188A	7″ x $\frac{1}{4}$″ x 1$\frac{1}{2}$″, Grit 46, Grade L. ..	U.K.		do.	0 3 5	F. Vial & Sons Pty. Ltd.
3189	7″ x $\frac{3}{8}$″ x 1$\frac{1}{4}$″, High Speed Drills, Grit 46-60, Grade L.M.	,,	4	do.	0 3 10	
3190	8″ x 5″ thick, Cup Edge Tools, Knives for Planers, Grit 46, Grade L.M.	,,	2	do.	1 5 1	
3191	8″ x 1″ x 1″, Cold Chisels, Grit 36, Grade P.	,,	10	do.	0 7 7	Eliza Tinsley Pty. Ltd.
3192	8″ x $\frac{3}{4}$″ x $\frac{3}{4}$″, Grit 40, Grade O. (Carborundum), Aloxite	,,	4	do.	0 6 4	
3193	8″ x $\frac{3}{4}$″ x $\frac{3}{4}$″, Grit 50, Grade O.	,,	4	do.	0 6 4	
3194	8″ x 1$\frac{1}{4}$″ x $\frac{3}{4}$″, Radial Grinder, Grit 24, Grade H.	Switz.	6	do.	0 8 4	Frank Wells Pty. Ltd.
3194A	8″ x 1$\frac{1}{4}$″ x $\frac{3}{4}$″, Radial Grinder, Grit 24-36, Grade P.	U.K		do.	0 8 10	F. Vial & Sons Pty. Ltd.
3195	8″ x $\frac{1}{16}$″ x $\frac{1}{2}$″, Elastic Wheel, Grit 60, Grade IV., Elastic	Switz.	4	do.	0 4 2	Frank Wells Pty. Ltd.
3196	8″ x 1$\frac{1}{2}$″ x 1$\frac{1}{4}$″, Portable Grinders, Grit 24, Grade Q.	,,	50	do.	0 9 5	
3197	8″ x 1″ x 1$\frac{1}{4}$″, Hardened Steel, Slide Bars..	..	..	..	..	Nil
3198	8″ x $\frac{3}{4}$″ x 1$\frac{1}{4}$″, Slide Bars, Grit 40, Grade M., Aloxite	U.K.	4	each	0 6 4	Eliza Tinsley Pty. Ltd.
3199	8″ x 1″ x 1$\frac{1}{4}$″, Internal C.I. Cylinders, Grit 36, Grade J.	Switz.	4	do.	0 7 3	Frank Wells Pty. Ltd.
3200	8″ x $\frac{3}{4}$″ x $\frac{1}{2}$″, Steel Tools, Grit 50, Grade M., Aloxite	U.K.	4	do.	0 6 4	Eliza Tinsley Pty. Ltd.
3201	8″ x 1″ x 1″, General Tools	..	..	..	..	Nil
3202	8$\frac{7}{16}$″ x 1$\frac{3}{4}$″ x 6″, Amer. Drill Grinder, Grit 50, Grade N.	Switz.	2	each	0 13 0	Frank Wells Pty. Ltd.
3202A	8$\frac{7}{16}$″ x 1$\frac{3}{4}$″ x 6″, Amer. Drill Grinder, Grit 46, Grade L.M.	U.K.		do.	0 13 11	F. Vial & Sons Pty. Ltd.
3203	8$\frac{1}{2}$″ x 1$\frac{1}{4}$″ x 1$\frac{1}{2}$″, Grit 46, Grade L. ..	Switz.	4	do.	0 9 7	Frank Wells Pty. Ltd.
3203A	8$\frac{1}{2}$″ x 1$\frac{1}{4}$″ x 1$\frac{1}{2}$″, Grit 46, Grade L. ...	U.K.		do.	0 10 6	F. Vial & Sons Pty. Ltd.
3204	9″ x 1″ x $\frac{3}{4}$″, for Cast Steel Castings, Grit 36, Grade P.	,,	6	do.	0 8 11	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
	GRINDSTONES AND ABRASIVE WHEELS—*continued.*					
	Wheels, Abrasive—*continued.*					
3205	9″ x 5″ x 2½″, Cast Iron Axle Boxes, Grit 36, Grade P.	Switz.	2	each	1 14 3	Frank Wells Pty. Ltd.
3206	9½″ x 1½″ x 1½″, Twist Drills, Grit 24, Grade H.	,,	2	do.	0 10 10	
3206A	9½″ x 1½″ x 1½″, Twist Drills, Grit 46, Grade M.	U.K.		do.	0 14 8	F. Vial & Sons Pty. Ltd.
3207	10″ x 3/16″ x ¾″, Metal Hand Saws, Grit 46, Grade L.	Switz.	4	do.	0 4 8	Frank Wells Pty. Ltd.
3207A	10″ x 3/16″ x ¾″, Metal Hand Saws, Grit 46, Grade M.	U.K.		do.	0 5 3	F. Vial & Sons Pty. Ltd.
3208	10″ x ⅞″ thick, Milling Cutters, Taps, &c., Grit 46, Grade M.	Switz.	4	do.	0 9 7	Frank Wells Pty. Ltd.
3208A	10″ x ⅞″ thick, Milling Cutters, Taps, &c., Grit 46–60, Grade M.	U.K.		do.	0 10 1	F. Vial & Sons Pty. Ltd.
3209	10″ x ¾″ thick, Milling Cutters, Taps, &c., Grit 46–60, Grade M.	,,	4	do.	0 8 11	
3210	10″ x ½″ thick, Milling Cutters, Taps, &c., Grit 46, Grade M.	,,	6	do.	0 7 2	
3211	10″ x ⅜″ thick, Milling Cutters, Taps, &c...	..	..	..	..	Nil
3212	10″ x 1⅜″ x 3″, Recessed, 5″ x 11/16″ C.H. Steel Pins, Grit 46, Grade K.	Switz.	2	each	0 13 11	Frank Wells Pty. Ltd.
3212A	10″ x 1⅜″ x 3″, Recessed, 5″ x 11/16″ C.H. Steel Pins, Grit 46, Grade M.N.	U.K.		do.	0 14 8	F. Vial & Sons Pty. Ltd.
3213	10″ x ¼″ x ¾″, Fluting Taps, Grit 60–80, Grade M.	,,	6	do.	0 5 3	
3214	10″ x ⅜″ x ¾″, Fluting Taps, Grit 70, Grade IV.	Switz.	4	do.	0 6 0	Frank Wells Pty. Ltd.
3214A	10″ x ⅜″ x ¾″, Fluting Taps, Grit 60–80, Grade M.	U.K.		do.	0 6 4	F. Vial & Sons Pty. Ltd.
3215	10″ x ½″ x ¾″, Fluting Taps, Grit 60–80, Grade M.	,,	6	do.	0 7 2	
3216	10″ x 1″ x 1¼″, Milling Cutters, Taps, &c., Grit 46, Grade M.	Switz.	4	do.	0 10 2	Frank Wells Pty. Ltd.
3216A	10″ x 1″ x 1¼″, Milling Cutters, Taps, &c., Grit 46–60, Grade M.	U.K.		do.	0 10 10	F. Vial & Sons Pty. Ltd.
3217	10″ x 1¼″ x 1¼″, Milling Cutters, Taps, &c., Grit 46–60, Grade M.	,,	4	do.	0 12 9	
3218	10″ x ½″ x 1″, Milling Cutters, Taps, &c., Grit 46, Grade M.	,,	30	do.	0 7 2	
3219	10″ x ¼″ x ¾″, Forming Tools, Grit 80, Grade M.	,,	10	do.	0 5 3	
3220	10″ x ⅜″ x ¾″, Forming Tools, Grit 80, Grade M.	Switz.	10	do.	0 6 0	Frank Wells Pty. Ltd.
3220A	10″ x ⅜″ x ¾″, Forming Tools, Grit 80, Grade M.	U.K.		do.	0 6 4	F. Vial & Sons Pty. Ltd.
3221	10″ x ½″, Forming Tools, Grit 80, Grade M.	,,	10	do.	0 7 2	
3222	10″ x 2″ x 1¼″, Milling Cutters, Taps, &c., Grit 46–60, Grade M.	,,	4	do.	0 18 11	
3223	10″ x ⅜″ x ¾″, Milling Cutters, Taps, &c., Grit 46, Grade M.	Switz.	16	do.	0 6 0	Frank Wells Pty. Ltd.
3223A	10″ x ⅜″ x ¾″, Milling Cutters, Taps, &c., Grit 46–60, Grade M.	U.K.		do.	0 6 4	F. Vial & Sons Pty. Ltd.
3224	10″ x 1″ x 4¾″, Universal Steel Grinders, Grit 46, Grade K.	Switz.	2	do.	0 10 2	Frank Wells Pty. Ltd.
3224A	10″ x 1″ x 4¾″, Universal Steel Grinders, Grit 46, Grade M.	U.K.		do.	0 10 10	F. Vial & Sons Pty. Ltd.
3225	10″ x 1″ x 4¾″, Universal Grinders, Cast Iron, Grit 36, Grade J.	Switz.	2	do.	0 10 2	Frank Wells Pty. Ltd.
3226	10″ x 1″ x 4¾″, Universal Grinders, Steel, Grit 46, Grade K	,,	2	do.	0 10 2	
3226A	10″ x 1″ x 4¾″, Universal Grinders, Steel, Grit 46, Grade M.	U.K.		do.	0 10 10	F. Vial & Sons Pty. Ltd.
3227	10″ x 1″ x 4¾″, Univeral Grinders, Cast Iron, Grit 36, Grade J.	Switz.	2	do.	0 10 2	Frank Wells Pty. Ltd.
3228	10″ x ¼″ x ¾″, Cold Saws, Grit 60, Grade H., Aloxite	U.K.	2	do.	0 5 3	Eliza Tinsley Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GRINDSTONES AND ABRASIVE WHEELS—*continued.*					
	Wheels, Abrasive—*continued.*					
3229	10″ x 1″ x 4¾″, C.I., Jones and Shipman Machine (Recessed), Grit 46, Grade K.	Switz.	2	each	0 10 2	Frank Wells Pty. Ltd.
3230	10″ x 1″ x 4¾″, Hardened Steel, Jones and Shipman Machine (Recessed), Grit 46, Grade M.	,,	2	do.	0 10 2	Frank Wells Pty. Ltd.
3230A	10″ x 1″ x 4¾″, Hardened Steel, Jones and Shipman Machine (Recessed), Grit 46, Grade K.L.	U.K.		do.	0 10 10	F. Vial & Sons Pty. Ltd.
3231	10″ x 1″ x ⅞″, H.S. Tools, Grit 46, Grade M.	Switz.	2	do.	0 10 2	Frank Wells Pty. Ltd.
3231A	10″ x 1″ x ⅞″, H.S. Tools, Grit 46-60, Grade L.M.	U.K.		do.	0 10 10	F. Vial & Sons Pty. Ltd.
3232	10″ x ½″ x ⅞″, H.S. Tools, Grit 46-60, Grade L.M.	,,	2	do.	0 7 2	F. Vial & Sons Pty. Ltd.
3233	10″ x ¼″ x 1¼″, Edge Tools, Grit 46, Grade M.	,,	2	do.	0 5 3	F. Vial & Sons Pty. Ltd.
3234	10″ x ¼″ x ¾″, Edge Tools, Grit 46, Grade M.	,,	2	do.	0 5 3	F. Vial & Sons Pty. Ltd.
3235	10″ x ⅜″ x ¾″, Edge Tools, Grit 46, Grade M.	Switz.	2	do.	0 6 0	Frank Wells Pty. Ltd.
3235A	10″ x ⅜″ x ¾″, Edge Tools, Grit 46, Grade M.	U.K.		do.	0 6 4	F. Vial & Sons Pty. Ltd.
3236	10″ x ⅜″ x 1¼″, Edge Tools, Grit 46, Grade M.	Switz.	2	do.	0 6 0	Frank Wells Pty. Ltd.
3236A	10″ x ⅜″ x 1¼″, Edge Tools, Grit 46, Grade M.	U.K.		do.	0 6 4	F. Vial & Sons Pty. Ltd.
3237	10″ x ½″ x ¾″, Edge Tools, Grit 46, Grade M.	,,	2	do.	0 7 2	F. Vial & Sons Pty. Ltd.
3238	10″ x ½″ x 1¼″, Edge Tools, Grit 46, Grade M.	,,	2	do.	0 7 2	F. Vial & Sons Pty. Ltd.
3239	10″ x ¾″ x ¾″, Edge Tools, Grit 46, Grade M.	,,	16	do.	0 8 11	F. Vial & Sons Pty. Ltd.
3240	10″ x ¾″ x 1¼″, Edge Tools, Grit 46, Grade M.	,,	2	do.	0 8 11	F. Vial & Sons Pty. Ltd.
3241	10″ x 1″ x 1¼″, Edge Tools, Grit 46, Grade M.	Switz.	2	do.	0 10 2	Frank Wells Pty. Ltd.
3241A	10″ x 1″ x 1¼″, Edge Tools, Grit 46, Grade M.	U.K.		do.	0 10 9	F. Vial & Sons Pty. Ltd.
3242	10″ x 2″ x 1¼″, Edge Tools, Grit 46, Grade M.	,,	2	do.	0 18 10	F. Vial & Sons Pty. Ltd.
3243	10″ x ¼″ x ¾″, H.S. Tools, Taps, &c., Grit 46-60, Grade L.M.	,,	2	do.	0 5 3	F. Vial & Sons Pty. Ltd.
3244	10″ x ¼″ x ¾″, H.S. Tools, Taps, &c., Grit 46-60, Grade L.M.	,,	2	do.	0 5 3	F. Vial & Sons Pty. Ltd.
3245	10″ x ¾″ x ⅞″, Band Saws, Grit 46, Grade L.M.	,,	2	do.	0 8 11	F. Vial & Sons Pty. Ltd.
3246	10″ x ½″ x ⅞″, H.S. Steel Dies, &c., Grit 46-60, Grade L.M.	U.K.	2	do.	0 7 2	F. Vial & Sons Pty. Ltd.
3247	10″ x ½″ x ⅞″, H.S. Steel Die., &c., 80 P. ..	..	..	..	..	Nil
3248	10″ x 1⅜″, recessed on both sides for Jones & Shipman Grinder for grinding case-hardened spindles, diameter of recess 5¾″, depth of recess 9/32″, depth of recess opposite side 3/32″, bore 4¾″, Grit 46, Grade K.	Switz.	6	each	0 13 11	Frank Wells Pty. Ltd.
3248A	10″ x 1⅜″, recessed on both sides for Jones and Shipman Grinder for grinding case-hardened spindles, diameter of recess 5¾″, depth of recess 9/32″, depth of recess opposite side 3/32″, bore 4¾″, Grit 46-60, Grade K.L.	U.K.		do.	0 14 9	F. Vial & Sons Pty. Ltd.
3249	12″ x 2″ x 2″, Edge Tools, Cutters, &c., Grit 46-60, Grade M.	,,	12	do.	1 3 11	F. Vial & Sons Pty. Ltd.
3250	12″x1″x2″, Edge Tool Cutters, &c. Grit 46-60, Grade M.	,,	4	do.	0 14 0	F. Vial & Sons Pty. Ltd.
3251	12″ x ¾″ x 2″, Edge Tool Cutters, &c., Grit 46/60, Grade M.	,,	10	do.	0 11 2	F. Vial & Sons Pty. Ltd.
3252	12″ x ⅝″ x 2″, Edge Tool Cutters, &c., Grit 36, Grade K.	Switz.	2	do.	0 9 7	Frank Wells Pty. Ltd.
3252A	12″ x ⅝″ x 2″, Edge Tool Cutters, &c., Grit 46-60, Grade M.	U.K.		do.	0 10 2	F. Vial & Sons Pty. Ltd.
3253	12″ x ½″ x 2″, Edge Tool Cutters, &c., Grit 46-60, Grade M.	,,	10	do.	0 8 11	F. Vial & Sons Pty. Ltd.
3254	12″ x ¼″ x 2″, Edge Tool Cutters, &c., Grit 46-60, Grade M.	,,	2	do.	0 6 8	F. Vial & Sons Pty. Ltd.
3255	12″ diameter x ⅜″ thick x ¾″ hole, Circular Saws, Grit 46, Grade L.M.	,,	2	do.	0 7 5	F. Vial & Sons Pty. Ltd.
3256	12″ x 1¼″, x 5″, Finishing Hardened Steel, Grit 60, Grade L.	Switz.	2	do.	0 15 8	Frank Wells Pty. Ltd.
3256A	12″ x 1¼″ x 5″, Finishing Hardened Steel, Grit 46/60, Grade L.	U.K.		do.	0 16 8	F. Vial & Sons Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GRINDSTONES AND ABRASIVE WHEELS—*continued.*					
	Wheels, Abrasive—*continued.*					
3257	12″ x 1″ x 5″, Roughing for Grey Cast Iron, Grit 24, Grade J.	Switz.	2	each	0 13 9	Frank Wells Pty. Ltd.
3257A	12″ x 1″ x 5″, Roughing for Grey Cast Iron, Grit 24, Grade Q., Silicon Carbide	U.K.		do.	0 15 11	F. Vial & Sons Pty. Ltd.
3258	12″ x 1½″ x 1½″, Hardened Steel, Grit 46, Grade L.	,,	20	do.	0 18 11	
3259	12″ x 1½″ x 1½″, Twist Drills, Grit 46, Grade L.M.	U.K.	12	do.	0 18 11	
3260	12″ x 1½″ x 1½″, Finishing B.S. Castings, Grit 36, Grade Q.	Switz.	2	do.	0 18 2	Frank Wells Pty. Ltd.
3261	12″ x ½″ x ¾″, Wood Saws	..	..	..	..	Nil
3262	12″ x 2″ x 1¼″, Grit 36–46, Grade M.P. ..	U.K.	8	each	1 3 11	F. Vial & Sons Pty. Ltd.
3263	12″ x 2″ x 1″, Edge Tool Cutters, &c., Grit 46, Grade M.	,,	2	do.	1 3 11	
3264	12″ x ⅜″ x ⅞″, Edge Tools, Grit 46, Grade M.	,,	2	do.	0 7 5	
3265	12″ x 2″ x 1″, General Use, Grit 36–46, Grade P. or M.	,,	10	do.	1 3 11	
3266	12″ x 1″ x 1⅛″, Hardened Steel, Van Norman Machine Grit 46, Grade L.M.	,,	2	do.	0 13 11	
3267	12″ x 1″ x 1⅛″, Cast Iron, Van Norman Machine, Grit 46, Grade M.	Switz.	2	do.	0 13 9	Frank Wells Pty. Ltd.
3267A	12″ x 1″ x 1⅛″, Cast Iron, Van Norman Machine, Grit 36, Grade P., Silicon Carbide	U.K.		do.	0 15 11	F. Vial & Sons Pty. Ltd.
3268	12″ x 2½″ x 6″, Slide Bars, Grit 141, Grade M, S.N. Aloxite	,,	2	do.	1 8 0	Eliza Tinsley Pty. Ltd.
3269	12″ x 2½″ x 6″, C.I. Axle Boxes	..	..	..	..	Nil
3270	12″ x 1″ x 1″, H.S. Steel, General Use, Grit 46, Grade M.	U.K.	2	each	0 13 11	F. Vial & Sons Pty. Ltd.
3271	12″ x 2″ x 1¼″, H.S. Steel, General Use, Grit 46, Grade M.	,,	2	do.	1 3 11	
3272	12″ x 2″ x 1¼″, General Use, Grit 36–46, Grade M.P.	,,	2	do.	1 3 11	
3273	12″ x 2″ x 1¼″, Cast Iron, Grit 30, Grade P.	Switz.	2	do.	1 3 1	Frank Wells Pty. Ltd.
3273A	12″ x 2″ x 1¼″, Cast Iron, Grit 30, Grade P., Silicon Carbide	U.K.		do.	1 7 4	F. Vial & Sons Pty. Ltd.
3274	12″ x 2″ x 1½″, for Cast Steel Castings, Grit 20–36, Grade P.	,,	6	do.	1 3 11	
3275	14″ x 5″ x 2½″, Grit 20, Grade K. ..	Switz.	2	do.	3 16 0	Frank Wells Pty. Ltd.
3276	14″ x 2″ x 1½″, Grit 24–36, Grade P.Q. ..	U.K.	10	do.	1 12 8	F. Vial & Sons Pty. Ltd.
3277	14″ x 2″ x 1½″, Cast Iron, Grit 30, Grade P.	Switz.	2	do.	1 11 3	Frank Wells Pty. Ltd.
3277A	14″ x 2″ x 1½″, Cast Iron, Grit 24, Grade P., Silicon Carbide	U.K.		do.	1 17 5	F. Vial & Sons Pty. Ltd.
3278	14″ x 2″ x 1½″, C.I. Castings, Grit 36, Grade P.	Switz.	2	do.	1 11 3	Frank Wells Pty. Ltd.
3278A	14″ x 2″ x 1½″, C.I. Castings, Grit 36, Grade P., Silicon Carbide	U.K.		do.	1 17 5	F. Vial & Sons Pty. Ltd.
3279	14″ x 2″ x 1½″, General Use, Grit 24–36, Grade P.	,,	10	do.	1 12 8	
3280	14″ x 2″ x 2″, for Cast Steel Castings, Grit 20–24, Grade P.	,,	12	do.	1 12 8	
3281	16″ x ⅜″ x ¾″, Metal Hand Saws, Grit 46, Grade M.	Switz.	4	do.	0 13 1	Frank Wells Pty. Ltd.
3281A	16″ x ⅜″ x ¾″, Metal Hand Saws, Grit 46, Grade M., Elastic	U.K.		do.	0 16 2	F. Vial & Sons Pty. Ltd.
3282	16″ x 1½″ x 5″, Grit 46, Grade M. ..	Switz.	4	do.	1 10 9	Frank Wells. Pty. Ltd.
3283	16″ x 2½″ x 1½″, Rail Grinding, Grit 24, Grade O.	,,	2	do.	2 7 8	
3283A	16″ x 2½″ x 1½″, Rail Grinding, Grit 16, Grade Q.	U.K.		do.	2 12 5	F. Vial & Sons Pty. Ltd.
3284	18″ x 1¾″ x 2¼″, for Face Grinding Cast Steel Castings, Grit 16, Grade Q.	Switz.	6	do.	2 3 7	Frank Wells Pty. Ltd.
3284A	18″ x 1¾″ x 2¼″ for Face Grinding Cast Steel Castings, Grit 46, Grade K.	U.K.		do.	2 7 6	F. Vial & Sons Pty. Ltd.

Item No.	Description	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GRINDSTONES AND ABRASIVE WHEELS—*continued.*					
	Wheels, Abrasive—*continued.*					
3285	18″ x 3″ x 5″, for Piston Rods, Churchill Grinder, Grit 36, Grade K.	Switz.	4	each	3 9 9	Frank Wells Pty. Ltd.
3285A	18″ x 3″ x 5″, for Piston Rods, Churchill Grinder, Grit .. Grade K.	U.K.		do.	3 16 5	F. Vial & Sons Pty. Ltd.
3286	18″ x 3¾″ x 7 9/16″, Cup, Steel Tools ..	..	..	..	..	Nil
3287	18″ x 5″, Cup, Slide Bars, Grit 24, Grade T., Aloxite	U.K.	2	each	4 7 9	Eliza Tinsley Pty. Ltd.
3288	Segments, Slide Bars, Grit 20, Grade J. ..	..	..	..	..	Nil
3289	18″ x 5″, Cup, Cast Iron, Grit 14, Grade H.	Switz.	2	each	4 8 3	Frank Wells Pty. Ltd.
3290	Segments, Cast Iron	..	..	..	..	Nil
3291	20″ x 2½″ x 1¾″, Steel Castings, Grit 12–16, Grade R.	Switz.	24	each	3 13 7	Frank Wells Pty. Ltd.
3291A	20″ x 2½″ x 1¾″, Steel Castings, Grit 16, Grade Q	U.K.		do.	3 18 2	F. Vial & Sons Pty. Ltd.
3292	20″ x 2½″ x 1¾″, Mild Steel Ferrules, Grit 36, Grade Q.	Switz.	20	do.	3 13 7	Frank Wells Pty. Ltd.
3292A	20″ x 2½″ x 1¾″, Mild Steel Ferrules, Grit 24, Grade P.	U.K.		do.	3 18 2	F. Vial & Sons Pty. Ltd.
3293	20″ x 2½″ x 1¾″, High Speed Lathe Tools, Grit 24, Grade O.	Switz.	50	do.	3 13 7	Frank Wells Pty. Ltd.
3293A	20″ x 2½″ x 1¾″, High Speed Lathe Tools, Grit 36–40, Grade M.	U.K.		do.	3 18 2	F. Vial & Sons Pty. Ltd.
3294	20″ x 2½″ x 8″, Small Lathe Tools, Grit 24, Grade O.	Switz.	6	do.	3 12 2	Frank Wells Pty. Ltd.
3295	20″ x 2½″ thick, Edge Tools, Grit 24, Grade O.	,,	8	do.	3 13 7	
3295A	20″ x 2½″ thick, Edge Tools, Grit 46, Grade M.	U.K.		do.	3 18 2	F. Vial & Sons Pty. Ltd.
3296	20″ x 2½″ x 1 7/16″, Spelter off B.S. Tube, Grit 24, Grade Q.	Switz.	4	do.	3 13 7	Frank Wells Pty. Ltd.
3297	20″ x 2½″ x 1¾″, Iron and Brass Castings, Grit 24, Grade Q.	,,	2	do.	3 13 7	
3297A	20″ x 2½″ x 1¾″, Iron and Brass Castings, Grit 20–24, Grade Q., Silicon Carbide	U.K.		do.	4 8 6	F. Vial & Sons Pty. Ltd.
3298	20″ x 2½″ x 1½″, Iron and Brass Castings, Grit 30, Grade Q.	Switz.	10	do.	3 13 7	Frank Wells Pty. Ltd.
3298A	20″ x 2½″ x 1½″, Iron and Brass Castings, Grit 16, Grade Q., Silicon Carbide	U.K.		do.	4 8 6	F. Vial & Sons Pty. Ltd.
3299	20″ x 2½″ x 9″, Grit 36, Grade N. ..	Switz.	4	do.	3 10 0	Frank Wells Pty. Ltd.
3300	20″ x 2½″ x 1¾″, Malleable Iron Castings, Grit 12–16, Grade Q.	,,	10	do.	3 13 7	
3301	20″ x 2½″ x 1¾″, Malleable Castings, Grit 16–25, Grade Q.	,,	2	do.	3 13 7	
3302	20″ x 2½″ x 1¾″, Finishing Brass Castings, Grit 24, Grade H.	,,	2	do.	3 13 7	
3302A	20″ x 2½″ x 1¾″, Finishing Brass Castings, Grit 24–30, Grade P.Q., Silicon Carbide	U.K.		do.	4 9 6	F. Vial & Sons Pty. Ltd.
3303	20″ x 2½″ x 1¾″, Coppersmiths' Use, Grit 24, Grade P.	Switz.	2	do.	3 13 7	Frank Wells Pty. Ltd.
3303A	20″ x 2½″ x 1¾″, Coppersmiths' Use, Grit 16, Grade Q., Silicon Carbide	U.K.		do.	4 9 6	F. Vial & Sons Pty. Ltd.
3304	20″ x 2½″ x 9″, H.S. Tools, Wet, Grit 24, Grade O.	Switz.	10	do.	3 10 0	Frank Wells Pty. Ltd.
3305	20″ x 2½″ x 10″, Steel Tools, Grit 24, Grade H., Aloxite	U.K.	6	do.	3 10 3	Eliza Tinsley Pty. Ltd.
3306	20″ x 2¾″ x 10″, Grit 24, Grade H., Aloxite	,,	4	do.	3 16 0	
3307	24″ x 1¾″ x 2¾″, for Face Grinding Cast Steel Castings, Grit 16, Grade Q.	Switz.	6	do.	3 19 3	Frank Wells Pty. Ltd.
3307A	24″ x 1¾″ x 2¾″, for Face Grinding Cast Steel Castings, Grit 16–46, Grade K.	U.K.		do.	4 4 5	F. Vial & Sons Pty. Ltd.
3308	24″ x 3″ x 1¾″, Grinding Iron Castings, Grit 20, Grade R.	Switz.	2	do.	6 6 6	Frank Wells Pty. Ltd.
3309	24″ x 3″ x 1¾″, Grinding High Speed Steel Tools, Grit 24, Grade P.	,,	16	do.	6 6 6	
3309A	24″ x 3″ x 1¾″, Grinding High Speed Steel Tools, Grit 24–36, Grade O.P.	U.K.		do.	6 14 9	F. Vial & Sons Pty. Ltd.
3310	24″ x 2½″ x 10½″, Sellars Grinders, Grit 24, Grade L.	Switz.	2	do.	5 1 6	Frank Wells Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GRINDSTONES AND ABRASIVE WHEELS—*continued*.					
	Wheels, Abrasive—*continued*.					
3311	24″ x 2¾″ x 10½″, Angle Face, Drills and Tools, Grit 24, Grade J., Aloxite	U.K.	2	each	5 16 7	Eliza Tinsley Pty. Ltd.
3312	24″ x 3″ x 2″, Forgings and General purposes, Grit 20, Grade R.	Switz.	2	do.	6 6 6	Frank Wells Pty. Ltd.
3312A	24″ x 3″ x 2″, Forgings and General purposes, Grit 16–24, Grade P.Q.	U.K.		do.	6 14 9	F. Vial & Sons Pty. Ltd.
3313	24″ x 3″ x 2″, H.S. Steel Tools, Grit 24, Grade P.	Switz.	2	do.	6 6 6	Frank Wells Pty. Ltd.
3313A	24″ x 3″ x 2″, H.S. Steel Tools, Grit 20–36, Grade O.P.	U.K.		do.	6 14 9	F. Vial & Sons Pty. Ltd.
3314	24″ x 4″ x 10″, Grit 30, Grade H., Aloxite	,,	2	do.	8 2 8	Eliza Tinsley Pty. Ltd.
3315	26″ x 1½″ x 6″, High Speed Lathe Tools,	..	..	..	..	Nil
3316 to 3329	Nil					

BURNERS, LAMPWARE, MANTLES, ETC.

(1.7.1929 to 31.3.1931.)

The Mantles supplied under Items 3344 to 3346 shall be constructed of the best materials saturated with proper proportions of the oxides of Thorium and Cerium. The weight of oxides of Thorium and Cerium present in proportion to the total weight of the mantle shall be taken as an indication of the quality of the mantle.

The Mantles shall have the highest photometric value.

The sample Mantles submitted with tenders shall be tested in a Woodall Moon or other Gas Mantle Testing Machine as under :—

(*a*) A sample Mantle shall be adjusted to a gas burner and burned off for five minutes.

(*b*) A sample Mantle shall be adjusted to a gas burner and burned continuously for a period of 24 hours.

The Mantles, after being burned for the periods specified in (*a*) and (*b*), shall be subjected to shock tests, and their ability to withstand such shall be taken as the measure of durability.

Any percentage of the Gas Mantles delivered under Contract may be subjected to tests to determine whether they comply with the Contract Sample Standard, and failure to do so will entail rejection of the whole delivery from which such samples are drawn.

The wicks delivered under Items Nos. 3351 to 3355 must be true to size.

Item 3345—Time for delivery—Three months to be allowed. Manufacturer—Lighting Trades Ltd.

	Burners—					
3330	Acetylene, 2 Light	U.K.	12	dozen	0 8 6	Brandt Bros. Pty. Ltd.
*3331	Burning Off Lamps	Sweden	12	do.	1 9 0	James Walker
†3332	Kerosene, Cosmo, No. 14	Germany	12	do.	0 16 0	Brandt Bros. Pty. Ltd
†3333	,, 1″, "Victor"	U.S.A.	1,000	do.	0 5 6	C. S. Green & Son
3334	Primus, No. 1 Stove	Sweden	12	each	0 10 11	E. Duckett & Sons
*3335	Collars, Brass, 1″	U.S.A.	20 doz.	dozen	0 1 3	C. S. Green & Son
†3336	Lamps, Hurricane	..	Nil	each	..	Nil
†3337	,, Paint, burning off, 1 pint	Sweden	60	do.	0 9 11	James Walker
†3338	,, Trackwalkers'	..	60	do.	..	Nil
	Lux Lamp Parts—					
*3339	Membranes, 3 in set	..	100 sets	set	..	Nil
*3340	Nipples	..	1 doz.	dozen	..	
*3341	Sockets, Nipple	..	2 ,,	do.	..	
*3342	Tubes, Burner	..	5 ,,	do.	..	
*3343	Tubing, Kerosene	..	1,500 feet	yard	..	
	Mantles, Incandescent—					
†3344	Petrol Air Gas, 50 C.P., Upright ..	..	6 doz.	dozen	..	Nil
†3345	Lux Lamp, 700 C.P. ,, ..	U.K.	300 ,,	do.	0 12 3	McMicking & Co.
†3346	Small Bland, Inverted	,,	100 ,,	do.	0 4 0	
3347	Prickers, for Primus Burners	N.S.W.	2 gross	do.	0 0 4	C. S. Green & Son
	Unions, Brass Barrel—					
†3348	For Iron, ⅜″	U.K.	4 doz.	dozen	0 12 0	Falk, Stadelmann & Co. Ltd.
†3349	,, ½″	,,		do.	0 15 0	
†3350	Wick, Ball, Lamp	Vict.	12 cwt.	cwt.	9 4 5	E. Duckett & Sons
†3351	,, Cosmo, 8″ long, No. 14	U.K.	50 doz.	dozen	0 1 1	
	Wick, Cotton, Kerosene, 8″ long—					
†3352	¼″	,,	6,000 doz.	do.	0 0 1¼	Briscoe & Co. Ltd.
†3353	⅜″	,,		do.	0 0 1⅝	
†3354	⅝″	,,		do.	0 0 3¼	
†3355	15/16″	,,		do.	0 0 4¼	
	LAMP GLASSES, ETC.					
	Chimneys—					
*3356	Cosmo Lamp, No. 14	Vict.	150 ,,	do.	0 7 9	Dott & Co. Pty. Ltd.
*3357	,, ,, Short	,,	300 ,,	do.	0 8 3	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	BURNERS, LAMPWARE, MANTLES, ETC.—*continued.*					
	LAMP GLASSES, ETC.—*continued.*					
	Chimneys—*continued.*					
†3358	Incandescent Gas, with side holes, 6½″ ..	..	2 doz.	dozen	..	Nil
*3359	Lamp, large slip	Vict.	800 „	do.	0 7 6	Dott & Co. Pty. Ltd.
*3360	Roof Lamp	„	100 „	do.	0 5 0	
	Glasses, Lamp—					
*3361	Bent, Green, 4¾″ diameter	„	250 „	do.	0 7 3	R. W. Collyer & Son
*3362	„ „ 5¼″ diameter	„		do.	0 8 0	
*3363	„ Lux Lamp	„	60 „	do.	2 8 0	
*3364	„ Ruby, 4″ diameter	„	160 „	do.	0 6 6	
*3365	„ „ 4¾″ diameter	„		do.	0 7 3	
*3366	„ „ 5¼″ diameter	„		do.	0 7 6	
*3367	Bottom, for Roof Lamps	„	40 „	do.	2 8 0	Dott & Co. Pty. Ltd.
	Front, for Hand Signal Lamps—					
*3368	Clear Circles, 5″ diameter	U.K.	200 „	do.	0 7 6	Brandt Bros. Pty. Ltd.
*3369	„ „ 5½″ diameter	„	30 „	do.	0 8 0	
*3370	Gate, Ruby, 5″	„	30 „	do.	0 17 0	
*3371	„ „ 6″	„		do.	1 0 0	
*3372	Hurricane, Ruby	Germany	6 „	do.	0 15 6	E. Duckett & Sons
*3373	„ White	Vict.	3 „	do.	0 8 0	Dott & Co. Pty. Ltd.
	Globes—					
3374	Pintsch Gas, 6″, clear	„	80 „	do.	1 1 0	Dott & Co. Pty. Ltd.
3375	„ „ 6″, frosted	„		do.	1 3 0	
3376	„ „ 8″, clear	„	200 „	do.	1 16 0	
*3377	„ „ 8″, frosted	„		do.	1 18 0	
3378	„ „ 10″, clear	„	100 „	do.	2 2 0	
3379	„ „ 10″, frosted	„		do.	2 5 0	
*3380	Bland, large	„	60 „	do.	0 7 0	
	Lenses—					
*3381	Ruby, 4″	U.K.	15 „	do.	1 5 0	McKenzie & Holland (Aust.) Pty. Ltd.
*3382	White, 4″	„	15 „	do.	0 19 0	
*3383	„ 6″	„	80 „	do.	2 0 0	
3384 to 3387	Nil.					

NUTS, RIVETS, AND SPIKES, ETC.

(1.7.1929 to 30.3.1931.)

As regards Item 3435, delivery may be taken at the Contractor's works by the Departmental motor lorry and debit raised for cartage against the Contractor at 1s. 3d. per ton.

NUTS.

	Nuts, Bright, Mild Steel, Hexagon, Pressed and Finished—					
3388	5/32″, thick	U.K.	10 gross	gross	0 3 0	McPherson's Pty. Ltd.
3389	¼″ „	„	50 „	do.	0 2 11	Firdaw Engineering Supply Co. Pty. Ltd.
3390	5/16″ „	„	300 „	do.	0 3 8	McPherson's Pty. Ltd.
3391	⅜″ „	„	80 „	do.	0 4 6	Firdaw Engineering Supply Co. Pty. Ltd.
3392	7/16″ „	„	3 „	do.	0 6 3	
3393	½″ „	„	40 „	do.	0 7 9	
3394	⅝″ „	Vict.	120 „	do.	0 14 3	McPherson's Pty. Ltd.
3395	¾″ „	„	50 „	do.	1 1 4	
3396	⅞″ „	„	36 „	do.	1 10 5	
3397	1″ „	„	20 „	do.	2 0 7	
3398	1⅛″ „	„	10 „	do.	2 18 8	
†3399	1¼″ „	U.K.	12 „	do.	3 10 0	Firdaw Engineering Supply Co. Pty. Ltd.
3400	1⅜″ „	„	12 „	do.	5 6 6	E. P. Bevan & Son Pty. Ltd.
3401	1½″ „	„	1 „	do.	6 1 6	McPherson's Pty. Ltd.
3102	⅜″, thin	„	2 „	do.	0 4 1	Firdaw Engineering Supply Co. Pty. Ltd.
3403	½″ „	„	10 „	do.	0 7 4	
3404	⅝″ „	Vict.	50 „	do.	0 13 5	McPherson's Pty. Ltd.
3405	¾″ „	„	24 „	do.	0 19 9	
3406	⅞″ „	„	15 „	do.	1 6 9	
3407	1″ „	„	10 „	do.	1 15 5	
3408	1⅛″ „	„	2 „	do.	2 9 3	
3409	1¼″ „	U.K.	2 „	do.	3 4 6	Firdaw Engineering Supply Co. Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	NUTS, RIVETS, AND SPIKES, ETC.—*continued.*					
	NUTS—*continued.*					
	Nuts, Bright, Mild Steel, Square, Pressed and Finished—					
3410	1/8"	U.K.	10 gross	gross	0 0 8	McPherson's Pty. Ltd.
3411	5/32"	"	8 "	do.	0 0 9	
†3412	3/16"	"	12 "	do.	0 0 9	
3413	1/4"	"	5 "	do.	0 1 0	
	Nuts, Brass, Hexagon, Thick Pressed, Whitworth Thread—					
3414	1/8"	"	4 "	do.	0 1 2	James Walker
3415	5/32"	"	4 "	do.	0 1 7	
3416	3/16"	"	60 "	do.	0 1 10	McPherson's Pty. Ltd.
†3417	1/4"	"	40 "	do.	0 2 10	
3418	5/16"	"	2 "	do.	0 4 8	James Walker
3419	7/16"	"	2 "	do.	0 11 9	
3420	Nuts, Brass, Butterfly, 1/4"	"	5 doz.	dozen	0 1 5	McPherson's Pty. Ltd.
†3421	" " " 5/16"	"	5 "	do.	0 2 0	
3422	" " " 3/8"	"	10 "	do.	0 2 11	
	Nuts, Castle, Hexagon, Finished—					
3423	1/2"	N.S.W.	2 gross	gross	0 19 3	E. P. Bevan & Son Pty. Ltd.
3424	5/8"	"	6 "	do.	1 11 3	
†3425	3/4"	"	4 "	do.	2 3 3	
3426	7/8"	"	1 "	do.	3 0 0	
3427	1"	"	10 "	do.	4 4 0	
†3428	Nuts, Castle, Black, 1"	..	4 "	do.	..	Nil
†3429	Nuts, Slotted, Hexagon, Black, 1" ..	..	10 "	do.	..	
†3430	Rivets, Copper, with or without burrs, any sizes, as ordered	U.K.	1,000 lb.	lb.	0 1 8¾	E. Duckett & Sons
3431	" " bifurcated, No. 9, in boxes of approx. 9 dozen	"	24 boxes	box	0 0 6¼	James Walker
3432	" Iron, tinned, any sizes ordered ..	" Vict.	2,000 lb.	lb.	0 0 7¾	E. Duckett & Sons
*3433	Rods, Tie, Mild Steel, 9' x 3/4", threaded back 7" one end, 3" the other, fitted with one hexagon nut one end and 2 hexagon nuts and 3/2½" x 2½" flat washers the other end	"	3,000	each	0 2 6½	Workshops Manager, Spotswood
*3434	Shoes, Pile	"	180	do.	0 8 6	Victoria Iron Rolling Co. Pty. Ltd.
3435	Spikes, round, chisel, or diamond pointed, as ordered, any sizes ordered	"	600 cwt.	cwt.	1 3 9	G. F. Sewell Pty. Ltd.
3436	" " drift, any sizes ordered ..	"	80 "	do.	0 19 0	Victoria Iron Rolling Co. Pty. Ltd.
	Washers, Bright Mild Steel, Finished, Round Plate—					
3437	3/16", round hole	U.K.	2 gross	gross	0 1 2	McPherson's Pty. Ltd.
3438	1/4" "	"	3 "	do.	0 1 6	James Walker
3439	3/8" "	"	3 "	do.	0 2 3	
3440	1/2" "	"	3 "	do.	0 3 4	
3441	3/4" "	"	3 "	do.	0 7 3	T. Warburton
3442 to 3449	Nil.					

PLUMBERS' MATERIAL (CAST IRON AND LEADWARE).

(1.7.1929 to 31.3.1931.)

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 (BE), (BA) shall be as approved by Bendigo Sewerage Authority, Ballarat Sewerage Authority, and Melbourne and Metropolitan Board of Works respectively.

	CAST IRONWARE.					
	Bends, Soil Pipe, 5/16" Metal, any angles ordered—					
3450	3"	Vict.	6	each	0 5 9	J. & T. Muir Pty. Ltd.
3451	4"	"	50	do.	0 8 6	
	Branches, Soil Pipe, 5/16" Metal, looking up or down, any angles ordered—					
3452	3" x 2" (spigot ends to be 10" longer than standard size)	"	6	do.	0 9 0	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	PLUMBERS' MATERIAL (CAST IRON AND LEADWARE)—*continued.*					
	CAST IRONWARE—*continued.*					
	Branches, Soil Pipe, &c.—*continued.*					
3453	3" x 3"	Vict.	2	each	0 6 9	J. & T. Muir Pty. Ltd.
3454	4" x 2"	,,	2	do.	0 10 6	
3455	4" x 3"	,,	2	do.	0 10 6	
3456	4" x 4"	,,	36	do.	0 10 6	
†3457	Cocks, 3" Fullway, H.P., Brass Gate Valves	,,	30	do.	2 0 0	Wm. Adams & Co. Ltd.
3458	Covers, Boundary Top, No. 197	,,	2	do.	0 3 0	J Danks & Son Pty Ltd.
3459	,, ,, ,, No. 198	,,	2	do.	0 8 6	J. & T. Muir Pty Ltd
3460	Fittings, No. 215, with straight or oval branch, as ordered	,,	2	do.	0 10 0	
	Gratings, Galvanized—					
3461	No. 24A	,,	60	do.	0 0 8	Currie & Richards Pty. Ltd.
3462	No. 61	,,	100	do.	0 0 10	
3463	For Floor Traps	,,	6	do.	0 1 6	J. & T. Muir Pty. Ltd.
3464	Inlets, Level, 2" out of 4" to 4" out of 4", as ordered	,,	50	do	0 12 0	
3465	Inlets, Double, Level, 2" out of 4" to 4" out of 4", as ordered	,,	50	do.	0 13 6	J. Danks & Son Pty. Ltd.
	Pieces, Extension, Closet—					
3466	4" diameter x 6"	,,	300 ins.	do.	0 4 0	J. & T. Muir Pty. Ltd.
3467	4" diameter x 9"	,,		do.	0 4 9	
3468	4" diameter x 12"	,,		do.	0 5 6	
3469	4" diameter x 15"	,,		do.	0 7 3	
3470	4" diameter x 18"	,,		do.	0 8 3	
3471	4" diameter x 24"	,,		do.	0 9 0	
	Pieces, Extension—					
3472	6" diameter x 6"	,,	24 ins.	do.	0 5 11	J. Danks & Son Pty. Ltd.
3473	6" diameter x 9"	,,		do.	0 6 8	
3474	6" diameter x 12"	,,		do.	0 7 2	
3475	6" diameter x 15"	,,		do.	0 9 0	
3476	6" diameter x 18"	,,		do.	0 10 6	
3477	6" diameter x 24"	,,		do.	0 12 3	
	Pipe, Soil, $\frac{5}{16}$" Metal—					
3478	3" x 3' lengths	,,	4 lengths	length	0 10 6	J. & T. Muir Pty. Ltd.
3479	3" x 6' lengths	,,	4 ,,	do.	0 13 0	
3480	4" x 3' lengths	,,	4 ,,	do.	0 12 3	
3481	4" x 6' lengths	,,	18 ,,	do.	0 19 0	
3482	4" x 9' lengths	,,	4 ,,	do.	1 6 0	
3483	4" x 3' lengths, with inspection opening ..	,,	4 ,,	do.	0 15 9	
3484	Sockets, 3" diameter	,,	6	each	0 2 6	
3485	,, 4" diameter	,,	30	do.	0 3 0	
3486	Tops, Adjustable, 2" out of 4" to 4" out of 4", as ordered	,,	24	do.	0 9 0	
3487	,, ,, with oval branch vertical or horizontal, as required	,,	24	do.	0 9 0	
3488	,, Gully, square, No. 24A	,,	30	do.	0 11 6	
3489	Traps, Disconnector, No. 23	,,	4	do.	0 11 0	
3490	,, Floor, 2", with grating, for cast pipe ..	,,	2	do.	0 12 0	
3491	,, ,, ,, ,, wrought pipe	,,	2	do.	0 15 0	
3492	,, Gully, No. 24	,,	4	do.	0 12 0	J. Danks & Son Pty. Ltd.
3493	,, Silt, 6", with 4" outlet, with bucket and round or square grating (light), as ordered	,,	24	do.	1 17 6	J. & T. Muir Pty. Ltd.
3494	,, Urinal, 3", with spigot ends ..	,,	20	do.	0 15 0	J. Danks & Son Pty. Ltd.
	LEADWARE, ETC.					
3495	Cones, No. 8	,,	200	do.	0 0 3½	
3496	,, No. 10	,,	40	do.	0 0 4¼	
3497	Pipe, Lead, any sizes ordered	,,	60 cwt.	cwt.	1 19 0	
3498	(BE) ,, ,, ,, ...	,,	2 ,,	do.	2 1 0	
3499	(BA) ,, ,, ,, ...	,,	2 ,,	do.	2 1 0	
3500	Pipe Lead, Tin lined, heavy beer, any sizes ordered	,,	2 ,,	do.	4 19 0	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	PLUMBERS' MATERIAL (CAST IRON AND LEADWARE)—*continued.*					
	LEADWARE, ETC.—*continued.*					
	Traps, solid drawn, with wiped trap screws—					
3501	P., 1¼"	Vict.	80	each	0 2 9	J. Danks & Son Pty. Ltd.
3502	(BA) P., 1¼"	,,	4	do.	0 2 11	
3503	P., 1½"	,,	15	do.	0 3 3	
3504	P., 2"	,,	80	do.	0 4 0	
3505	(BA) P., 2"	,,	4	do.	0 4 6	
3506	S., 1¼"	,,	2	do.	0 3 3	
3507	S., 1½"	,,	2	do.	0 4 0	
3508	S., 2"	,,	8	do.	0 5 0	
3509 to 3514	Nil.					

PLUMBERS' GOODS (BRASSWARE).

(1.7.1929 to 31.3.1931.)

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 1.1.1929, and shall be tested by the Melbourne and Metropolitan Board of Works, and shall bear that Board's test marks before delivery. Item 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 the railway stations at Ballarat or Bendigo respectively.

	Brassware—					
	Bends, plain, any angles ordered—					
3515	(M) 1¼"	Vict.	70	each	0 1 10	John Danks & Son Pty. Ltd.
3516	(BE) 1¼"	,,	15	do.	0 2 0	
3517	(BA) 1¼"	,,	15	do.	0 2 0	
3518	(M) 1½"	,,	60	do.	0 2 1	
3519	(BE) 1½"	,,	12	do.	0 2 3	
3520	(BA) 1½"	,,	12	do.	0 2 3	
3521	(M) 2"	,,	100	do.	0 2 6	
3522	(BE) 2"	,,	12	do.	0 2 9	
3523	(BA) 2"	,,	12	do.	0 2 9	
	Bends, with inspection opening, any angles ordered—					
3524	(M) 1¼"	,,	200	do.	0 2 2	John Marshall
3525	(BE) 1¼"	,,	4	do.	0 2 9	John Danks & Son Pty. Ltd.
3526	(BA) 1¼"	,,	16	do.	0 2 9	
3527	(M) 1½"	,,	40	do.	0 2 8	John Marshall
3528	(BE) 1½"	,,	4	do.	0 3 0	John Danks & Son Pty. Ltd.
3529	(BA) 1½"	,,	4	do.	0 3 0	
3530	(M) 2"	,,	200	do.	0 3 3½	John Marshall
3531	(BE) 2"	,,	30	do.	0 3 9	John Danks & Son Pty. Ltd.
3532	(BA) 2"	,,	10	do.	0 3 9	
	Bushes—					
3533	½" x ¾", gas threads	,,	50	do.	0 0 3½	
3534	¾" x 1", gas threads	,,	4	do.	0 0 7	
3535	1" x 1¼", gas threads	,,	10	do.	0 1 1	
3536	1¼" x 1½", gas threads	,,	6	do.	0 1 3	
3537	1½" x 2", gas threads	,,	6	do.	0 2 7	
*3538	1" x ¾", brass threads	,,	40	do.	0 0 11	
	Caps and Linings—					
3539	(M) 1¼"	..	100	do.	..	Nil
3540	(BE) 1¼"	Vict.	6	do.	0 2 4	John Danks & Son Pty. Ltd.
3541	(BA) 1¼"	,,	6	do.	0 2 4	
3542	(M) 1½"	..	4	do.	..	Nil
3543	(BE) 1½"	Vict.	4	do.	0 2 7	John Danks & Son Pty. Ltd.
3544	(BA) 1½"	,,	4	do.	0 2 7	
3545	(M) 2"	..	50	do.	..	Nil
3546	(BE) 2"	Vict.	6	do.	0 2 10	John Danks & Son Pty. Ltd.
3547	(BA) 2"	,,	6	do.	0 2 10	
3548	(M) 3"	..	6	do.	..	Nil
3549	(M) Cocks, Ball, Automatic, ½"	Vict.	40	do.	0 14 6	Shanks & Co. Pty. Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	PLUMBERS' GOODS (BRASSWARE)—*continued.*					
	Cocks, Ball, high or low pressure, as ordered—					
*3550	(M) ½", long levers, for cisterns	Vict.	100	each	0 5 0	Shanks & Co. Pty. Ltd.
*3551	(M) ¾", standard tested	,,	60	do.	0 7 3	John Danks & Son Pty Ltd.
*3552	(M) 1", Croydon	,,	16	do.	0 8 3	
	Cocks, Ball—					
†3553	(M) ½", standard tested	,,	2	do.	0 4 10	
†3554	¾", Croydon 154	,,	2	do.	0 6 9	
†3555	1", Croydon 154	,,	2	do.	0 8 0	
†3556	1½", Croydon 154	,,	2	do.	1 5 0	
3557	(M) 1¼", Lambert's pattern	,,	2	do.	1 2 6	
3558	(M) 1½", Lambert's pattern	,,	6	do.	1 9 0	
3559	(M) 2", Lambert's pattern	,,	10	do.	1 16 0	
3560	(M) 3", Lambert's pattern	,,	4	do.	3 10 0	
†3561	(M) Cocks, Bib, Gully, H.P., ½"	,,	4	do.	0 2 11	Wm. Bedford Ltd.
	Cocks, Range, with brass keys and nuts—					
3562	½"	,,	12	do.	0 2 3	McPherson's Pty Ltd
3563	¾"	,,	500	do.	0 2 5	
3564	1"	,,	6	do.	0 3 1	
	Cocks, Mill, Brass—					
3565	(M) "A" design to Litho. No. L.884/11 ..	,,	20	do.	3 0 0	H. Merriman
3566	(M) "B" design to Blue Print No. 1090/08	,,	20	do.	3 0 0	
3567	(M) "C" design to Blue Print No. 1090/08	,,	4	do.	3 0 0	
	Cocks, Ferruled, Stop, for Lead or Iron, as ordered—					
3568	(M) ½", tested	,,	40	do.	0 3 5	John Danks & Son Pty. Ltd.
*3569	½", medium	,,	4	do.	0 4 0	
3570	(M) ¾"	,,	50	do.	0 5 0	
*3571	¾", medium	,,	4	do.	0 5 0	
3572	(M) 1"	,,	6	do.	0 8 3	
3573	(M) Over 1", as ordered	,,	40 lbs.	lb.	0 3 0	
	Cocks, Fullway, H. P.—					
3574	(M) ½"	,,	20	each	0 4 0	
3575	(M) ¾"	,,	20	do.	0 5 3	
3576	(M) 1"	,,	20	do.	0 6 6	
3577	(M) 1¼"	,,	50	do.	0 8 4	
3578	(BE) 1¼"	,,	2	do.	0 8 10	
3579	(BA) 1¼"	,,	2	do.	0 8 10	
3580	(M) 1½"	,,	2	do.	0 10 11	
3581	(M) 2"	,,	30	do.	0 15 6	
3582	(M) Cocks, Spring, ¾", Bib or Right Angle, as ordered	,,	2	do.	0 7 0	
	Cocks, Stop, with Unions, H.P.—					
†3583	(M) ½"	,,	400	do.	0 3 5	
3584	(BE) ½"	,,	6	do.	0 3 9	
3585	(BA) ½"	,,	20	do.	0 3 9	
†3586	(M) Cocks, Toilet, Nickelplated, H.P., ½" ..	,,	20	do.	0 5 11	
	Cocks, Bib or Stop, Nickelplated, H.P., labelled Hot or Cold, as ordered, for Iron—					
†3587	(M) ½"	,,	20	do.	0 4 3	
†3588	(M) ¾"	,,	12	do.	0 6 6	Wm. Bedford Ltd.
	Cocks, Water, H.P., Bib or Stop, for Lead or Iron, as ordered—					
†3589	(M) ½"	,,	500	do.	0 2 3	Galliers & Klaerr Pty. Ltd.
3590	(BE) ½"	,,	4	do.	0 2 6	John Danks & Son Pty. Ltd.
3591	(BA) ½"	,,	4	do.	0 2 6	
*3592	½"	,,	4	do.	0 2 6	
†3593	(M) ¾"	,,	1,000	do.	0 3 11	Galliers & Klaerr Pty. Ltd.
3594	(BE) ¾"	,,	6	do.	0 4 3	John Danks & Son Pty. Ltd.
3595	(BA) ¾"	,,	20	do.	0 4 3	
*3596	¾"	,,	4	do.	0 4 0	
†3597	(M) 1"	,,	50	do.	0 6 6	
3598	(BE) 1"	,,	4	do.	0 6 9	
3599	(BA) 1"	,,	2	do.	0 6 9	
*3600	1"	,,	4	do.	0 6 6	
†3601	(M) Over 1", as ordered	,,	120 lb.	lb.	0 2 9	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £	s.	d.	Name of Contractor.
	PLUMBERS' GOODS (BRASSWARE)—*continued.*							
	Connexions, Lead to Iron—							
3602	(M) 1¼"	Vict.	50	each	0	2	6	John Marshall
3603	(M) 1½"	,,	24	do.	0	2	9	
3604	(M) 2"	,,	50	do.	0	3	0	
3605	(M) 3"	..	10	do.		..		Nil
*3606	Couplings or Unions, any sizes and threads ordered	Vict.	1,000 lb.	lb.	0	2	11	John Danks & Son Pty. Ltd.
3607	Directors, Water, with Nozzles only, ½" ¾", or 1", as ordered	,,	60	each	0	1	10	
*3608	,, ,, Fire Brigade pattern, any sizes and threads ordered	,,	40 lb.	lb.	0	5	0	H. Merriman
*3609	Elbows, Brass, 1" brass threads	,,	50	each	0	1	2	John Danks & Son Pty. Ltd.
	Ferrules, Straight Union, for Lead or Iron, as ordered—							
3610	(M) ½"	,,	50	do.	0	1	6	Wm. Bedford Ltd.
3611	(M) ¾"	,,	50	do.	0	2	3	McPherson's Pty. Ltd.
3612	(M) 1"	,,	12	do.	0	4	0	John Danks & Son Pty. Ltd.
3613	(M) Over 1", as ordered	,,	10 lb.	lb.	0	4	0	
*3614	Gratings, Urinal, Brass	,,	40	each	0	7	6	John Marshall
	Junctions, any angles ordered—							
3615	(M) 1¼" x 1¼", plain	,,	50	do.	0	2	7	John Danks & Son Pty. Ltd.
3616	(M) 1¼" x 1¼", with inspection opening ..	,,		do.	0	3	5	
3617	(BE) 1¼" x 1¼", with inspection opening ..	,,	4	do.	0	3	8	
3618	(BA) 1¼" x 1¼", with inspection opening ..	,,	6	do.	0	3	8	
3619	(M) 1½" x 1¼", plain	,,	24	do.	0	3	0¼	John Marshall
3620	(BE) 1½" x 1¼", plain	,,	12	do.	0	3	6	John Danks & Son Pty. Ltd.
3621	(BA) 1½" x 1¼", plain	,,	12	do.	0	3	6	
3622	(M) 1½" x 1¼", with inspection opening ..	,,	12	do.	0	3	8¾	John Marshall
3623	(BE) 1½" x 1¼", with inspection opening ..	,,	4	do.	0	4	5	John Danks & Son Pty. Ltd.
3624	(BA) 1½" x 1¼", with inspection opening ..	,,	6	do.	0	4	5	
3625	(M) 1½" x 1½", plain	,,	24	do.	0	3	1¼	John Marshall
3626	(BE) 1½" x 1½", plain	,,	12	do.	0	3	6	John Danks & Son Pty. Ltd.
3627	(BA) 1½" x 1½", plain	,,	12	do.	0	3	6	
3628	(M) 1½" x 1½", with inspection opening ..	,,	12	do.	0	3	5¾	John Marshall
3629	(BE) 1½" x 1½", with inspection opening ..	,,	6	do.	0	4	6	John Danks & Son Pty. Ltd.
3630	(BA) 1½" x 1½", with inspection opening ..	,,	6	do.	0	4	6	
3631	(M) 2" x 1¼", plain	,,	6	do.	0	3	9	John Marshall
3632	(M) 2" x 1¼", with inspection opening ..	,,	6	do.	0	4	5½	
3633	(M) 2" x 1½", plain	,,	12	do.	0	3	10	Galliers & Klaerr Pty. Ltd.
3634	(BE) 2" x 1½", plain	,,	12	do.	0	4	4	John Danks & Son Pty. Ltd.
3635	(BA) 2" x 1½", plain	,,	6	do.	0	4	4	
3636	(M) 2" x 1½", with inspection opening ..	,,	4	do.	0	4	7	John Marshall
3637	(BE) 2" x 1½", with inspection opening ..	,,	4	do.	0	5	6	John Danks & Son Pty. Ltd.
3638	(BA) 2" x 1½", with inspection opening ..	,,	4	do.	0	5	6	
3639	(M) 2" x 2", plain	,,	24	do.	0	4	7	Galliers & Klaerr Pty. Ltd.
3640	(BE) 2" x 2", plain	,,	12	do.	0	5	0	John Danks & Son Pty. Ltd.
3641	(BA) 2" x 2", plain	,,	12	do.	0	5	0	
3642	(M) 2" x 2", with inspection opening ..	,,	12	do.	0	5	5	Galliers & Klaerr Pty. Ltd.
3643	(BE) 2" x 2", with inspection opening ..	,,	4	do.	0	6	0	John Danks & Son Pty. Ltd.
3644	(BA) 2" x 2", with inspection opening ..	,,	4	do.	0	6	0	
	Nipples—							
3645	½"	,,	200	do.	0	0	3½	Galliers & Klaerr Pty. Ltd.
3646	¾"	,,	30	do.	0	0	4½	
	Nuts, Rings and Tails, in sets—							
*3647	½"	,,	50 sets	set	0	0	10¾	McPherson's Pty. Ltd.
*3648	¾"	,,	120 ,,	do.	0	1	3	John Danks & Son Pty. Ltd.
*3649	1"		12 ,,	do.	0	1	11	
3650	(M) Pieces, Extension, 2" diameter, any lengths ordered	,,	50 ins.	inch	0	0	6	
	Plugs, Brass, long taper—							
3651	½"	,,	24	each	0	0	4¾	Davies, Shephard Pty. Ltd.
3652	¾"	,,	50	do.	0	0	6	
3653	1"	,,	12	do.	0	0	8¾	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	PLUMBERS' GOODS (BRASSWARE)—*continued.*					
3654	(M) Plugs and Washers, round or square, any sizes, as ordered	..	20	each	..	Nil
3655	(M) Plugs and Washers, bath, fullway, 2", screwed	..	6	do.	..	Nil
3656	Rings, Hose, ½"	Vict.	100	do.	0 0 3	John Danks & Son Pty. Ltd.
3657	" " ¾"	"	100	do.	0 0 4	Galliers & Klaerr Pty. Ltd.
3658	" " 1"	"	100	do.	0 0 6	Galliers & Klaerr Pty. Ltd.
	Sleeves, Beaded—					
3659	(M) 3"	"	6	do.	0 3 10	John Danks & Son Pty. Ltd.
3660	(M) 4"	"	6	do.	0 5 8	John Danks & Son Pty. Ltd.
*3661	Sparges, Urinal, Brass, ¾", brass threads ..	"	50	do.	0 1 7	John Danks & Son Pty. Ltd.
3662	Tail, Cistern, Brass reducing, screwed for 1" gas thread	"	12	do.	0 2 9	Shanks & Co. Pty. Ltd.
*3663	Tees, Brass, 1", brass threads	"	50	do.	0 1 2½	Shanks & Co. Pty. Ltd.
*3664	Tees, Brass, Reducing, 1¼" x 1", 1" gas thread and 1" brass thread	"	12	do.	0 3 6	John Marshall
	Traps, with trap screw—					
3665	(M) P., 2"	"	24	do.	0 6 7	John Marshall
3666	(BE) P., 2"	"	12	do.	0 7 4	John Danks & Son Pty. Ltd.
3667	(BA) P., 2"	"	12	do.	0 7 4	John Danks & Son Pty. Ltd.
3668	(M) S., 2"	"	2	do.	0 7 6	John Marshall
3669	(M) P., 1½"	"	6	do.	0 4 0	John Danks & Son Pty. Ltd.
3670	(BE) P., 1½"	"	6	do.	0 4 4	John Danks & Son Pty. Ltd.
3671	(M) S., 1½"	"	2	do.	0 5 11	John Danks & Son Pty. Ltd.
3672	(BE) P., 1¼"	"	12	do.	0 4 6	John Danks & Son Pty. Ltd.
	Tube, Brass, Solid Drawn, 16 gauge—					
3673	¾"	"	50 lin. ft.	lin. ft.	0 0 11	John Danks & Son Pty. Ltd.
3674	1"	"	200 "	do.	0 1 4½	John Danks & Son Pty. Ltd.
3675	1¼"	"	60 "	do.	0 1 8½	John Danks & Son Pty. Ltd.
	Tube, Copper, Solid Drawn, 16 gauge—					
3676	¾"	"	100 "	do.	0 0 10	John Danks & Son Pty. Ltd.
3677	1"	"	1,100 "	do.	0 1 4	John Danks & Son Pty. Ltd.
3678	1¼"	"	600 "	do.	0 1 7	John Danks & Son Pty. Ltd.
*3679	Unions, Brass Barrel, 1", M. and F., brass threads	"	50	each	0 1 9	John Danks & Son Pty. Ltd.
	Unions, Royle's Pattern, without rubbers—					
3680	½"	"	70	do.	0 0 8	John Danks & Son Pty. Ltd.
3681	¾"	"	70	do.	0 1 0	John Danks & Son Pty. Ltd.
3682	1"	"	70	do.	0 2 3	John Danks & Son Pty. Ltd.
	Valves, Flap, for lead or iron, as ordered—					
3683	(M) 1½"	"	10	do.	0 2 1	Currie & Richards Pty. Ltd.
3684	(BE) 1½"	"	10	do.	0 2 11	John Danks & Son Pty. Ltd.
3685	(BA) 1½"	"	10	do.	0 2 11	John Danks & Son Pty. Ltd.
3686	(M) 2"	"	10	do.	0 2 6	Currie & Richards Pty. Ltd.
3687	(BE) 2"	"	10	do.	0 3 3	John Danks & Son Pty. Ltd.
3688	(BA) 2"	"	10	do.	0 3 3	John Danks & Son Pty. Ltd.
	Valves, Steam, "Jenkins," renewable disc type—					
3689	½"	..	100 lbs.	lb.	..	Nil
3690	¾"	..	100 lbs.	do.	..	Nil
3691	1"	..	100 lbs.	do.	..	Nil
†3692	1¼"	..	100 lbs.	do.	..	Nil
3693	1½"	..	100 lbs.	do.	..	Nil
3694	2"	..	100 lbs.	do.	..	Nil
3695	2½"	..	100 lbs.	do.	..	Nil
	Wastes, Floor, screwed for lead floors—					
3696	(M) 1½"	Vict.	15	each	0 1 8	John Danks & Son Pty. Ltd.
3697	(BE) 1½"	"	15	do.	0 1 10	John Danks & Son Pty. Ltd.
3698	(BA) 1½"	"	15	do.	0 1 10	John Danks & Son Pty. Ltd.
3699	(M) 2"	"	5	do.	0 2 0	John Danks & Son Pty. Ltd.
3700	(BE) 2"	"	5	do.	0 2 2	John Danks & Son Pty. Ltd.
3701	(BA) 2"	"	5	do.	0 2 2	John Danks & Son Pty. Ltd.
3702 to 3705	Nil					

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	PLUMBERS' GOODS (BRAZED METAL). (1.7.1929 to 31.3.1931.)					
	Elbows, Gas Threads—					
3706	1"	Vict.	100	each	0 1 0	John Danks & Son Pty. Ltd.
3707	1¼" x ¾"	"	20	do.	0 1 8	
3708	1¼"	"	20	do.	0 1 5	
	Sockets, Gas Threads—					
3709	¾"	"	20	do.	0 0 6	
3710	1"	"	24	do.	0 0 8	
3711	1¼"	"	24	do.	0 1 0	
	Tees, Gas Threads—					
3712	1"	"	40	do.	0 1 1	
3713	1¼" x ¾"	"	20	do.	0 1 10	
3714	1¼"	"	20	do.	0 1 8	
	Unions, Gas Threads—					
3715	1" M. and F.	"	50	do.	0 3 3	
3716	1" Female	"	20	do.	0 2 11	
3717	1¼" M. and F.	"	80	do.	0 4 3	
3718	1¼" Female	"	20	do.	0 4 0	
3719 to 3725	Nil					
	CHAIN (VARIOUS). (1.7.1929 to 31.3.1931.)					
	CHAIN (VARIOUS).					
	Chain, Iron, Wrought, "Best Best," Short Link Crane, self coloured—					
3726	⅜" (McKinnon Columbus Chain Co.)	Canada	80 cwt.	cwt.	1 17 0	Inglis, Smith & Co.
3727	7/16" (McKinnon Columbus Chain Co.)	"		do.	1 16 9	
3728	½" (McKinnon Columbus Chain Co.), (electric welded)	"		do.	2 5 0	Paul & Gray Ltd.
3729	Chain, Iron, Wrought, "Best Best," Short Link Crane, self coloured, 9/16" to 1", as ordered (W. Griffin & Sons)	U.K.	200 "	do.	2 10 0	Inglis, Smith & Co.
	Chain, Iron, Wrought, Short Link Coil, self coloured—					
3730	3/16", Bannister or Walker's best tested (electric welded)	"	30 "	do.	2 6 0	E. Duckett & Sons
3731	¼" (McKinnon Columbus Chain Co.)	Canada	70 "	do.	1 19 0	Inglis, Smith & Co.
3732	5/16" or ⅜", as ordered (McKinnon Columbus Chain Co.)	"	10 "	do.	1 17 0	
3733	7/16" or ½", as ordered (electric welded)	"	20 "	do.	2 1 0	Paul & Gray Ltd.
3734 to 3740	Nil					
	WIRE, WIRE WORK, ETC. (1.7.1929 to 31.3.1931.)					
	WIRE.					
	Wire, Brass, Hard or Soft Rolled, as ordered—					
3741	6 gauge	Vict.	1,000 lb.	lb.	0 1 1½	E. Duckett & Sons
3742	7 "	"	100 "	do.	0 1 1½	
3743	8 "	"	20 "	do.	0 1 1½	
3744	9 "	"	20 "	do.	0 1 1½	
3745	10 "	"	400 "	do.	0 1 1½	
3746	12 "	"	150 "	do.	0 1 1½	
3747	13 "	"	80 "	do.	0 1 1½	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £	s.	d.	Name of Contractor.
	WIRE, WIRE WORK, ETC.—*continued.*							
	WIRE—*continued.*							
	Wire, Brass, &c.—*continued.*							
3748	14 "	Vict.	60 lb.	lb.	0	1	1½	E. Duckett & Sons
3749	16 "	"	40 "	do.	0	1	1½	
3750	17 "	"	28 "	do.	0	1	1½	
3751	18 "	"	28 "	do.	0	1	1½	
3752	24 "	Belgium	24 "	do.	0	1	1	Melbourne Wire Works
3753	¼"	Vict.	4,000 "	do.	0	1	1½	E. Duckett & Sons
	Wire, Cadmium, Copper, Hard Drawn—							
*3754	Spring, 15 gauge	N.S.W.	28 "	do.	0	1	2	Briscoe & Co. Ltd.
3755	Hard Drawn, 11 gauge	"	200 "	do.	0	1	2	
3756	" " 12 "	"	50 "	do.	0	1	2	
	Wire, Copper—							
3757	¼"	"	600 "	do.	0	1	3	Greer & Ashburner
3758	14 gauge	"	1,000 "	do.	0	1	3	Briscoe & Co. Ltd.
3759	15 "	"	50 "	do.	0	1	3	Greer & Ashburner
3760	16 "	"	1,200 "	do.	0	1	3	
3761	17 "	"	50 "	do.	0	1	3½	
3762	18 "	"	1,500 "	do.	0	1	3¼	Peter Young
3763	19 "	"	56 "	do.	0	1	4	Greer & Ashburner
3764	20 "	"	150 "	do.	0	1	4	
3765	21 "	"	1,000 "	do.	0	1	4½	
	Wire, Spring Steel, Hard Drawn—							
3766	2 gauge	U.K.	30 "	do.	0	0	8¾	Melbourne Wire Works
3767	5 "	"	400 "	do.	0	0	6½	
3768	6 "	"	1,000 "	do.	0	0	6½	
3769	7 "	"	150 "	do.	0	0	6½	
3770	10 "	"	30 "	do.	0	0	6½	
3771	11 "	"	100 "	do.	0	0	7	
3772	12 "	"	20 "	do.	0	0	7	
3773	14 "	"	20 "	do.	0	0	7	
3774	16 "	"	60 "	do.	0	0	9	Greer & Ashburner
3775	17 "	"	20 "	do.	0	0	9	
3776	18 "	"	20 "	do.	0	0	9	Peter Young
3777	19 "	"	20 "	do.	0	0	10	Greer & Ashburner
3778	20 "	"	15 "	do.	0	0	10	
	Wire, Steel, Music, Hard or Soft Tempered, "Rollason"—							
3779	10 gauge	"	28 "	do.	0	1	5¾	Melbourne Wire Work
3780	11 "	"	20 "	do.	0	1	5¾	
3781	12 "	"	100 "	do.	0	1	5¾	
3782	14 "	"	100 "	do.	0	1	8	Greer & Ashburner
3783	16 "	"	450 "	do.	0	1	8	
3784	17 "	"	50 "	do.	0	1	8	
3785	18 "	"	50 "	do.	0	1	8	
3786	19 "	"	20 "	do.	0	1	8	
3787	20 "	"	50 "	do.	0	1	8	
3788	21 "	"	50 "	do.	0	1	8	
3789	22 "	"	20 "	do.	0	1	9	
	WIRE WORK, ETC.							
	Baskets, Document—							
*3790	Large	Vict.	50	each	0	1	6	Peter Young
*3791	Small	"	30	do.	0	1	3	
*3792	Fasteners, Dropper, Fencing	"	300 cwt.	cwt.	0	16	0	J. R. Bell & Co.
*3793	Gauze, Brass, any gauges and meshes ordered	U.K. & Vict.	3,000 sq. ft.	sq. ft.	0	1	3	Peter Young
	Grips, Spring—							
*3794	A	S.A.	200 gross	gross	0	10	0	F.R.S. Ideal Spring Co. Ltd.
*3795	B	"	10 "	do.	0	11	0	
*3796	W	"	80 "	do.	0	4	3	
	Guards—							
*3797	Galvanized Wire, for Booking Windows	Vict.	200 sq. ft.	sq. ft.	0	2	10	Peter Young
*3798	Brass Wire, for Booking Windows	"	50 "	do.	0	4	0	Melbourne Wire Works
3799	Mattresses, Wire, 6′ 6″ x 2′ 6″ x 3 ply	"	150	each	1	3	0	
*3800	Nets, Carriage, Hat	"	600 sq. ft.	sq. ft.	0	0	10	
†3801	Net, Galvanized, for Window Screens, 1/16″ mesh	"	8,000 "	do.	0	0	2⅞	James Walker

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	WIRE, WIRE WORK, ETC.—*continued.*					
	WIRE WORK, ETC.—*continued.*					
3802	Sieves, Brass, ¼″ mesh or less, and any sizes and meshes ordered	Vict.	800 in.	per 1 in. diameter	0 0 4	Melbourne Wire Works
3803	„ Iron, 22″ diameter, ⅛″, ¼″, or ½″ mesh, as ordered	„	3,000 „	do.	0 0 2·2	
3804	„ Iron, 24″ diameter x 1″ mesh, 12 gauge	„	10	each	0 6 0	
	Springs, Steel, Black—					
*3805	9″ x 8 gauge (No. 1)	S.A.	50 gross	gross	1 15 0	F.R.S. Ideal Spring Co. Ltd.
*3806	7″ x 9 gauge (No. 2)	„	50 „	do.	1 5 0	
*3807	5″ x 8 gauge (No. 3)	„	5 „	do.	1 4 0	
*3808	6″ x 12 gauge (No. 4)	„	50 „	do.	0 13 0	
*3809	4″ x 8 gauge (No. 5)	„	5 „	do.	1 0 9	
*3810	4″ x 11 gauge, half springs	„	15 „	do.	0 12 6	
*3811	5″ x 11 gauge, „ „	„	5 „	do.	0 13 0	
*3812	5″ x 14 gauge (No. 6)	„	5 „	do.	0 11 0	
	Wires, Galvanized Iron, in bundles of 250, for Gerrard Wire Tying Machine—					
3813	13 gauge x 6′ 6″ lengths	..	70 bundles	bundle of 250	..	Nil
3814	12 gauge x 6′ 9″ lengths	..	50 „	do.	..	
3815	12 gauge x 3′ 9″ lengths	..	50 „	do.	..	
*3816	Wires for tying on labels, 9″ long	Vict.	2,000,000	1,000	0 0 7¾	Melbourne Wire Works
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	„	50 sets	set	2 2 6	Cyclone Fence & Gate Co. Pty. Ltd.
	Netting, Galvanized, Chain Wire, double knuckled—"Crapo".					
†3818	In widths of 3 ft. or 3 ft. 6 in., as ordered, 1½-in. mesh x 12 gauge	U.K. and Vict.	1,500 s. yds.	sq. yd.	0 1 1¾	Melbourne Wire Works
†3819	Up to 6 ft. wide, as ordered, 2-in. mesh x 8 gauge	„	300 „	do.	0 1 11	Cyclone Fence & Gate Co. Pty. Ltd.
†3820	Up to 6-ft. wide as ordered, 2-in. mesh x 12 gauge	„	400 „	do.	0 1 0½	
	Netting, Galvanized, any widths ordered—					
3821	½″ mesh x 20 gauge	N.S.W.	2,500 „	do.	0 0 9⅞	E. Duckett & Sons
3822	1½″ mesh x 16 gauge	„	12,000 „	do.	0 0 6⅝	
	Netting, Galvanized, 17 gauge—					
3823	1¼″ x 36″ wide	„	1,000 l. yds.	l. yd.	0 0 5⅞	
3824	1⅝″ x 42″ wide	„	50 „	do.	0 0 5⅜	
†3825	Wire, Woven, Galvanized, 16 gauge, ⅜″ mesh, up to 36″ wide, as ordered	Vict.	1,000 sq. ft.	sq. ft.	0 0 5½	Melbourne Wire Works
†3826	Metal, Expanded, in sheets 6′ x 3′ x ¾″ mesh, 18 gauge	..	1,500 „	do.	..	Nil
	Wires, Steel, Straight, Coppered, 6 gauge—					
3827	No. 1, 5′ 11⅞″	N.S.W.	50 gross	gross	1 17 6	F.R.S. Ideal Spring Co. Ltd.
3827A	No. 2, 3′ 10⅝″	„		do.	1 8 0	
3827B	No. 3, 3′ 7⅜″	„		do.	1 7 0	
3827C	No. 4, 1′ 4½″	„		do.	0 14 0	
3827D	No. 5, 8′ 3″	„		do.	2 17 6	
3827E	No. 6, 3′ 10⅝″	„		do.	1 8 9	
3828	No. 7, 2′ 4¾″	„		do.	1 3 0	
3828A	No. 8, 5′ 11½″	„		do.	1 17 6	
3828B	No. 9, 3′ 11⅜″	„		do.	1 17 9	
3828C	No. 10, 1′ 10¾″	„		do.	0 17 3	
3828D	No. 11, 1′ 4″	„		do.	0 14 3	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	WIRE, WIRE WORK, ETC.—*continued.*					
	WIRE WORK, ETC.—*continued.*					
	Wires, Steel, &c.—*continued.*					
3828E	No. 12, 5′ 7⅝″..	N.S.W.	Included in previous page	gross	1 15 6	F.R.S. Ideal Spring Co. Ltd.
3829	No. 13, 5′ 10½″	,,		do.	1 17 9	
3829A	No. 14, 1′ 5″	,,		do.	0 17 0	
3829B	No. 15, 7′ 11″...	,,		do.	2 9 0	
3829C	No. 16, 7′ 4½″..	,,		do.	2 5 0	
3829D	No. 17, 3′ 10⅛″	,,		do.	1 8 6	
3829E	No. 18, 2′ 4″	,,		do.	1 2 0	
3830	No. 19, 3′ 8⅜″..	,,		do.	1 8 3	
3830A	No. 20, 3′ 10⅝″	,,		do.	1 8 9	
3830B	No. 21, 3′ 9⅝″..	,,		do.	1 8 6	
3830C	No. 22, 2′ 4⅝″..	,,		do.	1 2 0	
3830D	No. 23, 2′ 3⅝″..	,,		do.	1 1 3	
3830E	No. 24, 7′ 0½″..	,,		do.	2 6 9	
3831 to 3836	Nil					

MILD STEEL REINFORCING BARS AND STEEL FABRIC.

(1.7.1929 to 31.3.1931.)

SPECIFICATION FOR *Items Nos.* 3837 *and* 3838.

The Mild Steel Reinforcing Bars shall be supplied in lengths of 20–25 feet or 25–30 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 excepting such branding as is required for shipping purposes.

The Contract with the Broken Hill Pty. Co. Ltd., Items 3837 and 3838, provides—

(*a*) The Corporation agrees to accept the Company's certificate of inspection, and the Company agrees to replace free of charge, c.i.f., Melbourne, any material found to be defective during course of fabrication after delivery in Melbourne, provided the material has been properly treated.

(*b*) Works weights as ascertained over the Company's weighbridge at Newcastle in the presence of the Inspecting Engineer, shall be accepted, provided the full number of bars is received.

(*c*) A copy of each order issued is to be forwarded to the Engineer for Existing Lines, New South Wales Railway Department, requesting him to arrange for his Inspecting Engineer to witness weighing *only*, and to forward certificate of weighing for each delivery to the Comptroller of Stores, Melbourne.

(*d*) Time for delivery—four weeks is to be allowed.

(*e*) Item No. 3837, Rolled nominal, ¼″, i.e., No. 3 gauge equals ·252 diameter; Item No. 3838, Rolled nominal, ⅜″, i.e., 000 gauge equals ·375 diameter.

	Mild Steel Reinforcing Bars—					
3837	¼″	N.S.W.	40 tons	ton	14 12 6	Broken Hill Pty. Co. Ltd.
3838	⅜″	,,	80 ,,	do.	12 12 6 c.i.f. Melb.	
†3839	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	N.S.W. and Victoria	1,500 l. yds.	l. yd.	0 2 4	Aust. Reinforced Concrete Engineering Co. Pty. Ltd.
3840 to 3841	Nil					

BALL BEARINGS AND MOTOR ACCESSORIES.

(1.7.1929 to 31.3.1931.)

All material used in the manufacture of the bearings, including balls or rollers, shall be of the highest quality ball bearing steel.

To ensure each ball taking its share of load, the diameter shall not vary by more than ·00002 in. and in the case of rollers, by more than ·00005 in.

In all cases the concentricity of the tracks with the bore or outside diameter of the bearing must be guaranteed to be within the finest limits; and in no case must the eccentricity of track with the fitting diameter exceed ·0001 in.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	BALL BEARINGS AND MOTOR ACCESSORIES—*continued.*					
	As regards Item No. 3881, Magnetos, 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 Magnetos have been so fitted, or, if not so used will reimburse the Contractor the amount of Customs duty paid. The rate tendered should be exclusive of Customs duty.					
	Ball Bearings—					
3842	To Type, S.K.F., 1204	Sweden	2,000	each	0 2 2	S.K.F. Ball Bearing Co. Ltd.
3842A	,, ,, 1304	,,	400	do.	0 2 5	
3842B	,, ,, 1307	,,	10	do.	0 4 7	
3842C	,, ,, 1308A	,,	10	do.	0 5 8	
3842D	,, ,, 6204	,,	600	do.	0 1 9	
3842E	,, ,, 6205	,,	200	do.	0 2 0	
3842F	,, ,, 6206	,,	300	do.	0 2 4	
3842G	,, ,, 6209	,,	300	do.	0 4 1	
3842H	,, ,, 6304	,,	600	do.	0 2 0	
	Ball-bearing Plummer Blocks, complete, Standard type—					
	Shaft. Type No.					
3843	1″ F. 6	Vict. & U.K.	10	do.	0 14 7	Gardner, Waern & Co. Pty. Ltd.
3843A	1¼″ F. 8	,,		do.	0 18 7	
3843B	1½″ F. 9	,,		do.	1 0 0	
3843C	1¾″ F. 10	,,		do.	1 1 8	
3843D	2″ F. 11	,,		do.	1 5 7	
3843E	2¼″ F. 13	,,		do.	1 12 7	
3843F	2½″ F. 15	,,		do.	1 17 9	
3843G	2¾″ F. 16	,,		do.	2 4 8	
3843H	3″ F. 17	,,		do.	2 9 6	
3843I	3¼″ F. 19	,,		do.	3 5 0	
3843J	3½″ F. 20	,,		do.	3 14 9	
3843K	3¾″ F. 21	,,		do.	4 1 10	
3843L	4″ F. 22	,,		do.	4 15 3	
	Ball-bearing Plummer Blocks, complete, heavy type—					
	Shaft. Type No.					
3844	1″ G.E. 6	U.K. & Sweden	5	do.	0 14 9	S.K.F. Ball Bearing Co. Ltd.
3844A	1¼″ G.E. 8	,,		do.	1 0 3	
3844B	1½″ G.E. 9	,,		do.	1 3 9	
3844C	1¾″ G.E. 10	,,		do.	1 6 11	
3844D	2″ G.E. 11	,,		do.	1 11 11	
3844E	2¼″ G. 13	Vict. & U.K.	8	do.	2 4 6	Gardner, Waern & Co. Pty. Ltd.
3844F	2½″ G. 15	,,		do.	2 16 10	
3844G	2¾″ G. 16	,,		do.	3 1 10	
3844H	3″ G. 17	,,		do.	3 12 3	
3844I	3¼″ G. 19	,,		do.	4 19 3	
3844J	3½″ G. 20	,,		do.	5 13 4	
3844K	3¾″ G. 21	,,		do.	6 7 9	
3844L	4″ G. 22	,,		do.	7 0 0	
	Ball-bearing Hangers, complete, Standard type—					
	Shaft. Drop. Type No.					
3845	1″ 10″ M.E. 6 ..	U.K. & Sweden	25	do.	1 0 3	S.K.F. Ball Bearing Co. Ltd.
3845A	1″ 12″ ,, ..	,,		do.	1 0 5	
3845B	1″ 14″ ,, ..	,,		do.	1 0 6	
3845C	1″ 16″ ,, ..	,,		do.	1 0 7	
3845D	1″ 20″ ,, ..	,,		do.	1 0 11	
3845E	1¼″ 10″ M.E. 8 ..	,,		do.	1 4 9	
3845F	1¼″ 12″ ,, ..	,,		do.	1 4 11	
3845G	1¼″ 14″ ,, ..	,,		do.	1 5 5	
3845H	1¼″ 16″ ,, ..	,,		do.	1 5 6	
3845I	1¼″ 20″ ,, ..	,,		do.	1 5 10	
3845J	1½″ 10″ M.E. 9 ..	,,		do.	1 6 8	
3845K	1½″ 12″ ,, ..	,,		do.	1 6 11	
3845L	1½″ 14″ ,, ..	,,		do.	1 7 6	
3845M	1½″ 16″ ,, ..	,,		do.	1 7 10	
3845N	1½″ 20″ ,, ..	,,		do.	1 8 3	
3845O	1¾″ 10″ M.E. 10 ..	,,		do.	1 7 10	
3845P	1¾″ 12″ ,, ..	,,		do.	1 8 1	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	Ball Bearings and Motor Accessories—*continued.*					
	Ball-bearing Hangers, complete, Standard type—*continued.*					
	Shaft. Drop. Type No.					
3845Q	1¾″ 14″ M.E. 10 ..	U.K. & Sweden		each	1 8 7	
3845R	1¾″ 16″ ,, ..	,,		do.	1 9 0	
3845S	1¾″ 20″ ,, ..	,,		do.	1 9 1	
3846	2″ 12″ M.E. 11 ..	,,		do.	1 13 2	
3846A	2″ 14″ ,, ..	,,		do.	1 13 2	
3846B	2″ 16″ ,, ..	,,		do.	1 14 4	
3846C	2″ 20″ ,, ..	,,		do.	1 15 7	
3846D	2″ 24″ ,, ..	,,		do.	1 16 7	
3846E	2¼″ 12″ M.E. 13 ..	,,		do.	1 18 6	
3846F	2¼″ 14″ ,, ..	,,		do.	1 19 2	
3846G	2¼″ 16″ ,, ..	,,		do.	2 1 0	
3846H	2¼″ 20″ ,, ..	,,		do.	2 2 5	
3846I	2¼″ 24″ ,, ..	,,		do.	2 3 2	
3846J	2½″ 12″ M.E. 15 ..	,,		do.	2 3 3	
3846K	2½″ 14″ ,, ..	,,		do.	2 3 11	
3846L	2½″ 16″ ,, ..	,,		do.	2 5 9	
3846M	2½″ 20″ ,, ..	,,		do.	2 7 2	
3846N	2½″ 24″ ,, ..	,,	25	do.	2 7 10	
3846O	2¾″ 14″ M.E. 16 ..	,,		do.	2 14 5	
3846P	2¾″ 16″ ,, ..	,,		do.	2 15 0	
3846Q	2¾″ 20″ ,, ..	,,		do.	2 16 0	
3846R	2¾″ 24″ ,, ..	,,		do.	2 17 2	
3846S	2¾″ 28″ ,, ..	,,		do.	2 19 8	
3847	3″ 14″ M.E. 17 ..	,,		do.	2 18 9	
3847A	3″ 16″ ,, ..	,,		do.	2 19 4	
3847B	3″ 20″ ,, ..	,,		do.	3 0 3	
3847C	3″ 24″ ,, ..	,,		do.	3 1 5	
3847D	3″ 28″ ,, ..	,,		do.	3 4 0	
3847E	3¼″ 16″ M.E. 19 ..	,,		do.	4 1 6	
3847F	3¼″ 20″ ,, ..	,,		do.	4 2 0	
3847G	3¼″ 24″ ,, ..	,,		do.	4 3 10	
3847H	3¼″ 28″ ,, ..	,,		do.	4 14 5	
3847I	3½″ 16″ M.E. 20 ..	,,		do.	4 10 2	S.K.F. Ball Bearing Co. Ltd.
3847J	3½″ 20″ ,, ..	,,		do.	4 10 8	
3847K	3½″ 24″ ,, ..	,,		do.	5 0 3	
3847L	3½″ 28″ ,, ..	,,		do.	5 5 3	
3847M	3¾″ 16″ M.E. 21 ..	,,		do.	4 18 1	
3847N	3¾″ 20″ ,, ..	,,		do.	4 18 7	
3847O	3¾″ 24″ ,, ..	,,	12	do.	5 8 3	
3847P	3¾″ 28″ ,, ..	,,		do.	5 13 3	
3847Q	4″ 16″ M.E. 22 ..	,,		do.	5 14 0	
3847R	4″ 20″ ,, ..	,,		do.	5 16 6	
3847S	4″ 24″ ,, ..	,,		do.	6 0 10	
3847T	4″ 28″ ,, ..	,,		do.	6 6 10	
	Ball-bearing Hangers, complete, heavy type—					
	Shaft. Drop. Type No.					
3848	1″ 10″ K.E. 6 ..	,,		do.	1 2 10	
3848A	1″ 12″ ,, ..	,,		do.	1 3 0	
3848B	1″ 14″ ,, ..	,,		do.	1 3 5	
3848C	1″ 16″ ,, ..	,,		do.	1 3 6	
3848D	1″ 20″ ,, ..	,,		do.	1 3 11	
3848E	1¼″ 10″ K.E. 8 ..	,,		do.	1 8 1	
3848F	1¼″ 12″ ,, ..	,,		do.	1 8 4	
3848G	1¼″ 14″ ,, ..	,,		do.	1 8 10	
3848H	1¼″ 16″ ,, ..	,,	25	do.	1 9 3	
3848I	1¼″ 20″ ,, ..	,,		do.	1 9 8	
3848J	1½″ 12″ K.E. 9 ..	,,		do.	1 13 5	
3848K	1½″ 14″ ,, ..	,,		do.	1 13 5	
3848L	1½″ 16″ ,, ..	,,		do.	1 14 7	
3848M	1½″ 20″ ,, ..	,,		do.	1 15 11	
3848N	1½″ 24″ ,, ..	,,		do.	1 16 10	
3849	1¾″ 12″ K.E. 10 ..	,,		do.	1 16 6	
3849A	1¾″ 14″ ,, ..	,,		do.	1 16 6	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	BALL BEARINGS AND MOTOR ACCESSORIES—*continued.*					
	Ball-bearing Hangers, complete, heavy type—*continued.*					
	Shaft. Drop. Type No.					
3849B	1¾" 16" K.E. 10 ..	U.K. & Sweden	25	each	1 17 8	S.K.F. Ball Bearing Co. Ltd.
3849C	1¾" 20" ,, ..	,,		do.	1 18 11	
3849D	1¾" 24" ,, ..	,,		do.	1 19 11	
3849E	2" 12" K.E. 11 ..	,,		do.	2 1 7	
3849F	2" 14" ,, ..	,,		do.	2 2 3	
3849G	2" 16" ,, ..	,,		do.	2 4 1	
3849H	2" 20" ,, ..	,,		do.	2 5 6	
3849I	2" 24" ,, ..	,,		do.	2 6 2	
3849J	2¼" 14" K.E. 13 ..	,,		do.	2 16 1	
3849K	2¼" 16" ,, ..	,,		do.	2 16 8	
3849L	2¼" 20" ,, ..	,,		do.	2 18 0	
3849M	2¼" 24" ,, ..	,,		do.	2 19 2	
3849N	2¼" 28" ,, ..	,,		do.	3 1 8	
3849O	2½" 16" K.E. 15 ..	,,		do.	3 16 7	
3849P	2½" 20" ,, ..	,,		do.	3 17 1	
3849Q	2½" 24" ,, ..	,,		do.	3 18 11	
3849R	2½" 28" ,, ..	,,		do.	4 9 6	
3850	2¾" 16" K.E. 16 ..	,,		do.	4 6 10	
3850A	2¾" 20" ,, ..	,,		do.	4 7 4	
3850B	2¾" 24" ,, ..	,,		do.	4 9 2	
3850C	2¾" 28" ,, ..	,,		do.	4 19 9	
3850D	3" 16" K.E. 17 ..	,,		do.	4 16 2	
3850E	3" 20" ,, ..	,,		do.	4 16 8	
3850F	3" 24" ,, ..	,,		do.	5 6 4	
3850G	3" 28" ,, ..	,,		do.	5 11 4	
3850H	3¼" 16" K.E. 19 ..	,,		do.	5 19 8	
3850I	3¼" 20" ,, ..	,,		do.	6 2 2	
3850J	3¼" 24" ,, ..	,,		do.	6 6 6	
3850K	3¼" 28" ,, ..	,,		do.	6 12 7	
3850L	3½" 16" K.E. 20 ..	,,		do.	7 4 3	
3850M	3½" 20" ,, ..	,,		do.	7 6 9	
3850N	3½" 24" ,, ..	,,		do.	7 11 1	
3850O	3½" 28" ,, ..	,,		do.	7 17 2	
	Bearings, Flexible Roller—					
3851	3⅛" outside diameter, 1 7/10" inside diameter, similar to "Hyatt" No. 19250	U.S.A.	20	each	0 18 6	A. G. Healing Ltd.
3852	2 7/16" outside diameter, 1¼" inside diameter, similar to "Hyatt" No. 18195	,,	20	do.	0 9 6	
†3853	Belting, Motor, Rubber, ⅞" up to 60′ lengths	Vict.	2,500 feet	foot	0 1 3¾	Dunlop Perdriau Rubber Co. Ltd.
*3854	Blades, Vibrator, with Tungson points "KW"	U.S.A.	100	pair	0 0 10½	A. G. Healing Ltd.
	Brushes, Carbon, for Make and Breaks—					
3855	Lucas	Vict.	50	each	0 0 5	
	Brushes, Carbon, for Brush Holders—					
3856	Lucas	,,	36	do.	0 0 5	
	Carburetters—					
3857	Single Cylinder Engines, "Amal" ..	U.K.	50	do.	2 4 8	
3858	Chain, Magneto	,,	50 feet	54-in. length	0 4 6	
†3859	Cocks, Compression, ¼" gas thread ..	Vict.	50	each	0 2 0	Workshops Manager, Spotswood
†3860	Cocks, Priming (Motors)	,,	100	,,	0 2 0	
3861	Control Lever, Bowden, Single, for Magneto	U.K.	20	each	0 6 0	A. G. Healing Ltd.
	Fasteners, Belt—					
3862	"Aligator" or "Octopus" type, size No. 25, in Boxes of 96"	,,	24 boxes	box	0 6 6	Hardie Trading Pty. Ltd.
†3863	⅞, "Lion," N.P.	,,	80 doz.	dozen	0 10 3	A. G. Healing Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	MOTOR ACCESSORIES—*continued.*					
	Fasteners, Belt—*continued.*					
*3864	"Jackson's," with Nut, No. 1	U.K.	12 doz.	dozen	0 2 1	Hardie Trading Pty. Ltd.
*3865	" " No. 2	"	20 "	do.	0 3 3	
3866	" " No. 3 (small) ..	"	30 "	do.	0 4 0	
*3867	"Baxter's," No. 2	"	1,000 in.	100 in.	0 3 9	
*3868	" No. 3	"	1,000 "	do.	0 4 6	
3869	Clipper, No. 3 } 1 box = 12 cards each 12" long	U.S.A.	15 doz.	box	0 4 4	E. P. Bevan & Son Pty. Ltd.
3870	" No. 4 }	"	15 "	do.	0 4 4	
*3871	Floats, Carburetter B & B	U.K.	2 "	dozen	1 13 0	A. G. Healing Ltd.
	Gaskets, Cylinder—					
*3872	For "K." Motors	..	100	each	..	Nil
*3873	For "K.S." Motors	..	100	do.	..	
*3874	For Sheffield V.R. Motors	..	50	do.	..	
†3875	Goggles, Motor, Dust	..	1,000 pairs	pair	..	
*3876	Greasers, "Rotherham," K. 27, or any suitable alternative ($\frac{1}{8}$" gas thread)	U.K.	600	each	0 1 0	John Danks & Son Pty. Ltd.
	Jets for Carburetters—					
*3877	B & B, Nos. 85 to 110, as ordered ..	"	30	each	0 0 9	A. G. Healing Ltd.
3878	Lifters, Valve	"	20	do.		Nil
					Discount off the Price List submitted by contractor with his tender.	
	Lining, Brake, "Ferodo"—					
†3879	Up to and including $\frac{3}{8}$" in thickness, and not exceeding 4" in width, as ordered	"	250 lb.	lb.	40%	A. L. Campbell & Co. Pty. Ltd.
†3880	$\frac{3}{8}$" thick by more than 4" in width, or any thickness above $\frac{3}{8}$" by any widths, as ordered	"		do.	40%	
3881	Magnetos, High Tension, "Lucas" type, for 4-h.p. single-cylinder locally-made engines, Type K.L.I.	"	30	each	4 4 0	A. G. Healing Ltd.
3882	Make and Break for Large "M.L." Magnetos	Vict.	10	do.	1 19 6	
3883	" " Lucas Magnetos ..	"	80	do.	1 19 6	
*3884	Nuts, Wing, $\frac{3}{8}$"	U.K.	1,500	do.	0 0 1$\frac{1}{8}$	James Walker
3885	Paste, Carborundum, fine, 1-lb. tins ..	"	200 lb.	lb.	0 2 7	
3886	" " coarse, in 3-oz. tubes, standard size	"	200 tubes	tube	0 0 9$\frac{1}{2}$	Eliza Tinsley Pty. Ltd.
3887	" " " 1-lb. tins ..	"	20 lb.	lb.	0 2 7	James Walker
†3888	Plates, Crescent, Special Grip, for 1" to 4" high speed belts	U.S.A.	80	each	10% off Price List shown hereunder.	Hardie Trading Pty. Ltd

Crescent Belt Fasteners.
Price per dozen.

No.	s. d.	No.	s. d.
20 ..	1 6	103 ..	10 6
25 ..	2 0	107 ..	9 0
45 ..	3 0	109 ..	10 6
60 ..	4 6	123 ..	12 0
63 ..	6 0	127 ..	10 6
65 ..	5 0	147 ..	12 0
66 ..	4 6	149 ..	15 0
67 ..	5 0	189 ..	18 0
83 ..	7 6	607 ..	6 0
85 ..	6 0	805 ..	8 0
87 ..	6 0	1409 ..	16 0

Crescent Rivets.
Price per box of 1 gross.

Size.	s. d.	Size.	s. d.
$^{6}/_{16}$ ..	4 6	$^{10}/_{16}$ ..	6 6
$^{7}/_{16}$ ..	5 0	$^{11}/_{16}$ ..	7 0
$^{8}/_{16}$ ..	5 6	$^{12}/_{16}$ ..	8 6
$^{9}/_{16}$ ..	6 0	$^{14}/_{16}$ ..	10 0

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	MOTOR ACCESSORIES—*continued.*					
	Plugs, Sparking, Various—					
†3889	Metric Standard	Vict.		each	0 2 3	
†3890	,, Long Body	,,		do.	0 2 3	
†3891	½" Taper (Ford)	,,		do.	0 2 3	Australian Spark Plugs Pty. Ltd.
†3892	⅞", S.A.E. Standard, Small Hexagon, with or without detachable electrode ..	,,	160 doz.	do.	0 2 3	
†3893	⅞", S.A.E. Standard, Large Hexagon ..	,,		do.	0 2 3	
†3894	⅞" S.A.E. Long Reach, Small Hexagon ..	,,		do.	0 2 3	
†3895	⅞", S.A.E. Long Reach, Large Hexagon ..	,,		do.	0 2 3	
3896	Points, Platinum, for Lucas Magnetos ..	,,		pair	0 9 0	
3897	,, ,, Large "M.L." Magnetos	,,	70	do.	0 9 0	
3898	,, ,, Small Bosch Magnetos	,,		do.	0 9 0	Australian General Electric Co. Ltd.
3899	,, ,, Large, "M.L.", for Make and Break	,,	20	do.	0 9 0	
3900	,, ,, Small, Bosch, for Make and Break	,,	10	do.	0 9 0	
†3901	Punches, Motor Belt "Forward"	U.K.	50	each	0 1 6	A. G. Healing Ltd.
*3902	Rims for ⅞" Motor Tricycle Belts 16" x 2¾" x 1"	,,	40	do.	0 9 6	
	Springs, Valve—					
*3903	Fafnir Engines	Vict.	50	do.	0 0 5	Henderson's Federal Spring Works Pty. Ltd.
*3904	J.A.P. Engines	,,	200	do.	0 0 5	
*3905	F.M. Twin Opposed Engines	,,	100	do.	0 0 5	
*3906	Switches, "Rosco"	U.S.A.	80	do.	0 0 11½	A. G. Healing Ltd.
*3907	Tanks and Pump, Oil	Vict.	30	do.	1 15 0	Workshops Manager, Spotswood
3908	Tubing, Bicycle, Steel Bright, 1¼ x 16 gauge,	U.K.	1,500 feet	foot	0 0 10½	A. G. Healing Ltd.
†3909	,, Fibre (red or grey), 1⅝" external diameter, 1⅜" internal diameter, "Vulcot"	U.S.A.	100 ,,	lb.	0 3 4	Mica & Insulating Supplies Co.
*3910	Terminals, High Tension, 7 mm.	U.K.	36 doz.	dozen	0 1 6	A. G. Healing Ltd.
*3911	,, Low Tension	Vict.	30 ,,	do.	0 1 3	Workshops Manager, Spotswood
*3912	Washers, Sparking Plug	U.K.	10 ,,	do.	0 0 4½	A. G. Healing Ltd.
*3913	,, Valve Cap. for V.R. type, J.A.P. Engines	,,	50 ,,	do.	0 1 3	Berry Roche and T.A.M.A.C. Pty. Ltd.
*3914	,, ,, ,, Fafnir Engines	,,	12 ,,	do.	0 1 3	
†3915	Wire, Copper, Rubber Covered, High Tension 7 mm.	,,	200 yards	yard	0 0 3	John Danks & Son Pty Ltd.
*3916	,, Bowden, Carburetter, stranded ..	,,	1,000 feet	coil of 100 ft.	0 4 0	A. G. Healing Ltd.
3917	,, ,, (control lever only) complete for Magnetos	,,	2	each	0 6 6	
3918 to 3929	Nil					

SALT GLAZED VITRIFIED STONEWARE PIPES, AGRICULTURAL PIPES, ETC.

(1.7.1929 to 31.3.1931.)

STONEWARE PIPES (Items Nos. 3930 to 3999).

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. Items marked (BE) will require to be tested by the Bendigo Sewerage Authority, and must bear that Authority's test mark before delivery. Items marked (BA) will require to be tested by the Ballarat Sewerage Authority, and must bear that Authority's test mark before delivery.

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

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

AGRICULTURAL PIPES (Item No. 4000.)

The Agricultural Pipes (Item No. 4000) 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 ¼-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, properly loaded, stacked, and packed in railway trucks with straw or other suitable packing, by and at the cost of the Contractor, at the railway station named below, and be consigned thence as ordered, such loading, &c., to be to the satisfaction of the Supervising Officer.

Place of delivery—

G. D. Guthrie & Co. Pty. Ltd.—Delivered into trucks at Epsom.
Hoffman Brick & Potteries Ltd.—Delivered into trucks at South Brunswick.
Martin Stoneware Pipe Ltd.—Delivered into trucks at Ballarat.
J. Hampton,—Delivered into trucks at Officer.

In the case of untested pipes, more than one tender has been accepted, and when placing orders, the place of delivery and freight to destination shall be taken into consideration and orders placed under the most advantageous item, provided satisfactory service is being rendered.

	Drain Pipes—Salt Glazed Vitrified Stoneware—Length 2′—							
3930	3″	Vict.		foot	0 0 5	Hoffman Brick & Potteries Ltd.
3930A	3″	,,	800 ft.	do.	0 0 5	G. D. Guthrie & Co. Pty. Ltd.
3930B	3″	,,		do.	0 0 5	Martin Stoneware Pipe Ltd.
3931	4″	,,		do.	0 0 5	Hoffman Brick & Potteries Ltd.
3931A	4″	,,	20,000 ,,	do.	0 0 5	G. D. Guthrie & Co. Pty. Ltd.
3931B	4″	,,		do.	0 0 5	Martin Stoneware Pipe Ltd.
3932	(M) 4″	,,	6,000 ,,	do.	0 0 9	Hoffman Brick & Potteries Ltd.
3933	(BE) 4″	,,	1,000 ,,	do.	0 0 10	G. D. Guthrie & Co. Pty. Ltd.
3934	(BA) 4″	,,	2,000 ,,	do.	0 0 10	Martin Stoneware Pipe Ltd.
3935	6″	,,		do.	0 0 8	Hoffman Brick & Potteries Ltd.
3935A	6″	,,	25,000 ,,	do.	0 0 8	G. D. Guthrie & Co. Pty. Ltd.
3935B	6″	,,		do.	0 0 8	Martin Stoneware Pipe Ltd.
3936	(M) 6″	,,	2,500 ,,	do.	0 1 6	Hoffman Brick & Potteries Ltd.
3937	(BE) 6″	,,	100 ,,	do.	0 1 8	G. D. Guthrie & Co. Pty. Ltd.
3938	(BA) 6″	,,	1,200 ,,	do.	0 1 7	Martin Stoneware Pipe Ltd.
3939	9″	,,		do.	0 1 1	Hoffman Brick & Potteries Ltd.
3939A	9″	,,	10,000 ,,	do.	0 1 1	G. D. Guthrie & Co. Pty. Ltd.
3939B	9″	,,		do.	0 1 1	Martin Stoneware Pipe Ltd.
3940	12″	,,		do.	0 1 7	Hoffman Brick & Potteries Ltd.
3940A	12″	,,	1,500 ft.	do.	0 1 7	G. D. Guthrie & Co Pty. Ltd.
3940B	12″	,,		do.	0 1 7	Martin Stoneware Pipe Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £	s.	d.	Name of Contractor.
	SALT GLAZED VITRIFIED STONEWARE PIPES, AGRICULTURAL PIPES, ETC.—*continued.*							
	Bends—Salt Glazed Vitrified Stoneware—							
3941	3"	Vict.	20	each	0	1	7	Hoffman Brick & Potteries Ltd.
3941A	3" x 12" 18" or 24" as ordered ..	"		do.	0	1	7	G. D. Guthrie & Co. Pty. Ltd.
3941B	3"	"		do.	0	1	7	Martin Stoneware Pipe Ltd.
3942	4"	"	500	do.	0	1	7	Hoffman Brick & Potteries Ltd.
3942A	4" x 12" 18" or 24" as ordered ..	"		do.	0	1	7	G. D. Guthrie & Co. Pty. Ltd.
3942B	4"	"		do.	0	1	7	Martin Stoneware Pipe Ltd.
3943	(BE) 4" with inspection openings	"	6	do.	0	5	6	G. D. Guthrie & Co. Pty. Ltd.
3944	(BA) 4" with inspection openings	"	6	do.	0	5	6	Martin Stoneware Pipe Ltd.
3945	(M) 4"	"	600	do.	0	3	6	Hoffman Brick & Potteries Ltd.
3946	(BE) 4"	"	60	do.	0	3	3	G. D. Guthrie & Co. Pty. Ltd.
3947	(BA) 4" x 12"	"	50	do.	0	3	8	Martin Stoneware Pipe Ltd.
3948	(BA) 4" x 18"	"	50	do.	0	3	8	
3949	(BA) 4" x 24"	"	50	do.	0	4	0	
3950	6"	"	50	do.	0	3	0	Hoffman Brick & Potteries Ltd.
3950A	6" x 2'	"		do.	0	3	0	G. D. Guthrie & Co. Pty. Ltd.
3951	(BE) 6" with inspection openings	"	6	do.	0	8	6	G. D. Guthrie & Co. Pty. Ltd.
3952	(M) 6"	"	10	do.	0	6	6	Hoffman Brick & Potteries Ltd.
3953	(BE) 6"	"	6	do.	0	7	0	G. D. Guthrie & Co. Pty. Ltd.
3954	(BA) 6" x 12"	"	10	do.	0	7	0	Martin Stoneware Pipe Ltd.
3955	(BA) 6" x 24"	"	20	do.	0	9	6	
3956	9"	"	12	do.	0	7	0	Hoffman Brick & Potteries Ltd.
3956A	9"	"		do.	0	7	0	G. D. Guthrie & Co. Pty. Ltd.
3956B	9"	"		do.	0	7	0	Martin Stoneware Pipe Ltd.
	Elbows—Salt Glazed Vitrified Stoneware—							
3957	4"	"	10	do.	0	1	7	Hoffman Brick & Potteries Ltd.
3957A	4"	"		do.	0	1	7	G. D. Guthrie & Co. Pty. Ltd.
3957B	4"	"		do.	0	1	7	Martin Stoneware Pipe Ltd.
3958	6"	"	10	do.	0	4	6	Hoffman Brick & Potteries Ltd.
3958A	6"	"		do.	0	4	6	G. D. Guthrie & Co. Pty. Ltd.
3958B	6"	"		do.	0	4	6	Martin Stoneware Pipe Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	SALT GLAZED VITRIFIED STONEWARE PIPES, AGRICULTURAL PIPES, ETC.—*continued.*					
	Single Junctions, right-angled, and oblique, 45° or 60°, as ordered—					
3959	3″ x 3″	Vict.		each	0 1 9	Hoffman Brick & Potteries Ltd.
3959A	3″ x 3″	,,	10	do.	0 1 7	G. D. Guthrie & Co. Pty. Ltd.
3959B	3″ x 3″	,,		do.	0 1 9	Martin Stoneware Pipe Ltd.
3960	4″ x 4″	,,		do.	0 1 9	Hoffman Brick & Potteries Ltd.
3960A	4″ x 4″	,,	300	do.	0 1 7	G. D. Guthrie & Co. Pty. Ltd.
3960B	4″ x 4″	,,		do.	0 1 9	Martin Stoneware Pipe Ltd.
3961	(M) 4″ x 4″	,,	500	do.	0 3 0	Hoffman Brick and Potteries Ltd
3962	(BE) 4″ x 4″	,,	30	do.	0 3 6	G. D. Guthrie & Co. Pty. Ltd
3963	(BA) 4″ x 4″	,,	20	do.	0 3 6	Martin Stoneware Pipe Ltd.
3964	6″ x 4″	,,		do.	0 3 0	Hoffman Brick & Potteries Ltd.
3964A	6″ x 4″	,,	50	do.	0 3 0	G. D. Guthrie & Co. Pty. Ltd.
3964B	6″ x 4″	,,		do.	0 3 0	Martin Stoneware Pipe Ltd.
3965	(M) 6″ x 4″	,,	20	do.	0 7 3	Hoffman Brick & Potteries Ltd.
3966	(BE) 6″ x 4″	,,	6	do.	0 8 0	G. D. Guthrie & Co. Pty. Ltd.
3967	(BA) 6″ x 4″	,,	6	do.	0 8 0	Martin Stoneware Pipe Ltd.
3968	6″ x 6″	,,	20	do.	0 4 0	Martin Stoneware Pipe Ltd.
3968A	6″ x 6″	,,		do.	0 4 0	Hoffman Brick & Potteries Ltd.
3969	(M) 6″ x 6″	,,	30	do.	0 7 0	Hoffman Brick & Potteries Ltd.
3970	(BE) 6″ x 6″	,,	3	do.	0 8 0	G. D. Guthrie & Co. Pty. Ltd.
3971	(BA) 6″ x 6″	,,	3	do.	0 8 0	Martin Stoneware Pipe Ltd.
3972	9″ x 4″ or 9″ x 6″, as ordered ..	,,		do.	0 6 0	Hoffman Brick & Potteries Ltd.
3972A	9″ x 4″ or 9″ x 6″ ,, ..	,,	40	do.	0 6 0	G. D. Guthrie & Co. Pty. Ltd.
3972B	9″ x 4″ or 9″ x 6″ ,, ..	,,		do.	0 6 0	Martin Stoneware Pipe Ltd.
3973	12″ x 4″ to 12″ x 9″ ,, ..	,,		do.	0 10 0	Hoffman Brick & Potteries Ltd.
3973A	12″ x 4″ to 12″ x 9″ ,, ..	,,	4	do.	0 10 0	G. D. Guthrie & Co. Pty. Ltd.
3973B	12″ x 4″ to 12″ x 9″ ,, ..	,,		do.	0 10 0	Martin Stoneware Pipe Ltd.
3974	15″ x 6″ to 15″ x 12″ ,, ..	,,	3	do.	0 16 0	Hoffman Brick & Potteries Ltd.
3974A	15″ x 6″ to 15″ x 12″ ,, ..	,,		do.	0 16 0	G. D. Guthrie & Co. Pty. Ltd.
3975	18″ x 9″ or 18″ x 12″ ,, ..	,,	3	do.	1 10 0	Hoffman Brick & Potteries Ltd.
3976	24″ x 9″ or 24″ x 12″ ,, ..	,,	3	do.	3 0 0	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	SALT GLAZED VITRIFIED STONEWARE PIPES, AGRICULTURAL PIPES, ETC.—*continued.*					
	Double Junctions, right angled and oblique, 45° or 60°, as ordered—					
3977	4″ x 4″	Vict.	10	each	0 3 6	Hoffman Brick & Potteries Ltd.
3977A	4″ x 4″	,,		do.	0 3 6	Martin Stoneware Pipe Ltd.
3978	6″ x 4″	,,	3	do.	0 6 0	Hoffman Brick & Potteries Ltd.
3978A	6″ x 4″	,,		do.	0 6 0	Martin Stoneware Pipe Ltd.
3979	Bricks, Gutter, 4″ concrete, 2′ long ..	,,	100	do.	0 0 8	Workshops Manager, Spotswood
3980	Discs, 4″	,,	300	do.	0 0 3	Hoffman Brick & Potteries Ltd.
3980A	Discs, 4″	,,		do.	0 0 3	G. D. Guthrie & Co. Pty. Ltd.
3980B	Discs, 4″	,,		do.	0 0 3	Martin Stoneware Pipe Ltd.
3981	Discs, 6″	,,	100	do.	0 0 5	Hoffman Brick & Potteries Ltd.
8981A	Discs, 6″	,,		do.	0 0 5	G. D. Guthrie & Co. Pty. Ltd.
3981B	Discs, 6″	,,		do.	0 0 5	Martin Stoneware Pipe Ltd.
3982	(M) Tops, Gully	,,	4	do.	0 9 0	Hoffman Brick & Potteries Ltd.
3983	(BE) Tops, Gully	,,	8	do.	0 9 9	G. D. Guthrie & Co. Pty. Ltd.
3984	(BA) Tops, Gully	,,	20	do.	0 9 9	Martin Stoneware Pipe Ltd.
	Tops for Boundary Traps—					
3985	(M) 4″ x 4″, No. 27A	,,	50	do.	0 3 0	Hoffman Brick & Potteries Ltd.
3986	(BE) 4″ x 4″, No. 27A	..	20	do.	..	Nil
3987	(BA) 4″ x 4″, No. 27A	Vict.	12	do.	0 3 3	Martin Stoneware Pipe Ltd.
3988	(M) 6″ x 4″ or 6″ x 6″, as ordered, No. 26A	,,	30	do.	0 7 0	Hoffman Brick & Potteries Ltd.
3989	(BE) 6″ x 4″ or 6″ x 6″, as ordered, No. 26A	,,	10	do.	0 9 9	G. D. Guthrie & Co. Pty. Ltd.
3990	(BA) 6″ x 4″ or 6″ x 6″, as ordered, No. 26A	,,	10	do.	0 7 9	Martin Stoneware Pipe Ltd.
3991	Tops, Adjustable, 6″ x 4″ width, 3″ inlet ..	,,	20	do.	0 3 0	Hoffman Brick & Potteries Ltd.
3991A	Tops, Adjustable, 6″ x 4″ width, 3″ inlet ..	,,		do.	0 3 0	Martin Stoneware Pipe Ltd.
3992	(M) Traps, Boundary, 4″	,,	4	do.	0 9 0	Hoffman Brick & Potteries Ltd.
3993	(M) Traps, Boundary, 6″	,,	20	do.	1 3 6	
3994	(M) Traps, Disconnector, No. 23 ..	,,	120	do.	0 6 9	
3995	(BE) Traps, Disconnector, No. 23 ..	,,	20	do.	0 7 6	G. D. Guthrie & Co. Pty. Ltd.
3996	(BA) Traps, Disconnector, No. 23 ..	,,	40	do.	0 7 6	Martin Stoneware Pipe Ltd.
3997	(M) Traps, Gully, No. 24	,,	40	do.	0 9 6	Hoffman Brick & Potteries Ltd.
3998	(BE) Traps, Gully, No. 24	,,	6	do.	0 10 6	G. D. Guthrie & Co. Pty. Ltd.
3999	(BA) Traps, Gully, No. 24	,,	6	do.	0 10 6	Martin Stoneware Pipe Ltd.
4000	Pipes, Agricultural, 12″ long, 4″ internal diameter	,,	4,000 feet	100 feet	0 17 6	J. Hampton
4001	Pipes, Agricultural, Concrete, 12″ long, 4″ internal diameter	,,		do.	..	Nil
4002 to 4006	Nil					

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

CONCRETE PIPES.

(1.7.1929 to 31.3.1931.)

ORDINARY CONCRETE PIPES.—Items Nos. 4007 to 4013.

The Pipes shall be made of ordinary cement concrete, consisting of best approved materials mixed in proportions to withstand the tests described hereunder. All Pipes shall be made to the forms and dimensions ordered. The Pipes shall be cylindrical, and the ends truly formed at right angles to the bore. The ends of Pipes shall fit into the sockets of stoneware Pipes of equal internal diameter, and shall allow of sufficient annular space for the jointing materials. All Pipes shall have an effective length as specified. The Pipes shall be free from splits, cracks, blisters, and all other defects, and the whole of the outside and inside shall be even and smooth. Each Pipe shall be distinctly and permanently branded on the inside with the manufacturer's name, brand, and date of manufacture. 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.

REINFORCED CONCRETE PIPES.—Items Nos. 4014 to 4023.

All Pipes shall be to standard designs, and unless specially ordered to be of greater strength, shall be guaranteed to support without permanent deformation a central concentrated load of 3,500 lb. on the crown, when the Pipe is resting upon two balks 18 inches apart, but otherwise unsupported. The loading shall be applied through the medium of a block of wood measuring 6 inches by 6 inches with a piece of sheet lead interposed between the wood and the crown of the Pipe. When required, the Pipes shall be supplied of such greater strength as may be ordered to the satisfaction in every respect of the Comptroller of Stores.

Each Pipe shall, immediately after manufacture, have the maker's initials and date of manufacture placed on the inside, and no Pipes shall be accepted unless the dates on them show, and the Contractor guarantees. that the date of manufacture is correctly marked.

All Pipes shall be manufactured of cement concrete consisting of bluestone or other approved stone screenings and toppings, sand and cement mixed in such proportions and manner and with such reinforcement as will enable the Pipes to withstand the specified tests.

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

More than one tender has been accepted for the supply and delivery of Concrete Pipes, and provided the Contractor is able to meet demands and supply in the lengths required, the orders are, as far as possible, to be equally divided. Pipes for the Eastern and South-Eastern lines are to be ordered from Coates and Co. Pty. Ltd., and such orders should be included in this Company's proportion.

Place of delivery :—

Concrete Constructions Pty. Ltd., in trucks Graham Station.
Coates & Co. Pty. Ltd., in trucks Spring Vale Station.
Hume Pipe Co. (Aust.) Ltd., in trucks Newmarket Station.

As regards Reinforced Concrete Pipes, 18 inches in diameter and up, either interlocking joints or plain ends can be supplied. Unless specified on the order, plain ends will be supplied.

	Pipes, Ordinary Concrete, with spigot and faucet ends—						
4007	4″ x 3′	Vict.	100 feet	foot	0 0 8	Hume Pipe Co. (Aust.) Ltd.
4008	6″ x 3′	,,	70 ,,	do.	0 0 11	Hume Pipe Co. (Aust.) Ltd.
4009	9″ x 3′	,,	700 ,,	do.	0 1 9	Concrete Constructions Pty. Ltd.
4009A	9″ x 3′	,,		do.	0 1 9	Coates and Co. Pty. Ltd.
4009B	9″ x 3′	,,		do.	0 1 9	Hume Pipe Co. (Aust.) Ltd.
4010	12″ x 3′	,,	50 ,,	do.	0 2 7	Concrete Constructions Pty. Ltd.
4010A	12″ x 3′	,,		do.	0 2 7	Coates and Co. Pty. Ltd.
4010B	12″ x 3′	,,		do.	0 2 7	Hume Pipe Co. (Aust.) Ltd.
4011	15″ x 3′	,,	24 ,,	do.	0 3 6	Concrete Constructions Pty. Ltd.
4011A	15″ x 4′	,,		do.	0 3 6	Coates and Co. Pty. Ltd.
4011B	15″ x 3′	,,		do.	0 3 6	Hume Pipe Co. (Aust.) Ltd.
4012	18″ x 3′	,,	2,000 ,,	do.	0 4 11	Concrete Constructions Pty. Ltd.
4012A	18″ x 3′	,,		do.	0 4 11	Coates and Co. Pty. Ltd.
4012B	18″ x 3′	,,		do.	0 4 11	Hume Pipe Co. (Aust.) Ltd.

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	CONCRETE PIPES—*continued.*					
	Pipes, Ordinary Concrete, &c.—*continued.*					
4013	24″ x 3′	Vict.	200 feet	foot	0 8 0	Concrete Constructions Pty. Ltd.
4013A	24″ x 3′	,,		do.	0 8 0	Hume Pipe Co. (Aust.) Ltd.
	Pipes, Reinforced Concrete—					
4014	9″ dia. x 4′ and 6′	,,	1,500 ,,	do.	0 2 1	Concrete Constructions Pty. Ltd.
4014A	9″ dia. x 4′	,,		do.	0 2 1	Coates and Co. Pty. Ltd.
4014B	9″ dia. x 3′ or 6′	,,		do.	0 2 1	Hume Pipe Co. (Aust.) Ltd.
4015	12″ dia. x 4′, 6′, and 8′	,,	4,000 ,,	do.	0 3 2	Concrete Constructions Pty. Ltd.
4015A	12″ dia. x 4′ or 6′	,,		do.	0 3 2	Coates and Co. Pty. Ltd.
4015B	12″ dia. x 3′ or 6′	,,		do.	0 3 2	Hume Pipe Co. (Aust.) Ltd.
4016	15″ dia. x 4′, 6′, and 8′	,,	8,000 ,,	do.	0 4 5	Concrete Constructions Pty. Ltd.
4016A	15″ dia. x 4′ or 6′	,,		do.	0 4 5	Coates and Co. Pty. Ltd.
4016B	15″ dia. x 3′, 4′, 6′, or 8′	,,		do.	0 4 5	Hume Pipe Co. (Aust.) Ltd.
4017	18″ dia. x 4′, 6′, and 8′	,,	4,000 ,,	do.	0 5 5	Concrete Constructions Pty. Ltd.
4017A	18″ dia. x 4′ or 6′	,,		do.	0 5 5	Coates and Co. Pty. Ltd.
4017B	18″ dia. x 3′, 4′, 6′, or 8′	,,		do.	0 5 5	Hume Pipe Co. (Aust.) Ltd.
4018	21″ dia. x 4′, 6′, and 8′	,,	1,000 ,,	do.	0 6 10	Concrete Constructions Pty. Ltd.
4018A	21″ dia. x 4′ or 8′	,,		do.	0 6 10	Coates and Co. Pty. Ltd.
4018B	21″ dia. x 3′, 4′, 6′, or 8′	,,		do.	0 6 10	Hume Pipe Co. (Aust.) Ltd.
4019	24″ dia. x 4′, 6′, and 8′	,,	2,000 ,,	do.	0 8 7	Concrete Constructions Pty. Ltd.
4019A	24″ dia. x 4′, 6′, or 8′	,,		do.	0 8 7	Coates and Co. Pty. Ltd.
4019B	24″ dia. x 3′, 4′, 6′, or 8′	,,		do.	0 8 7	Hume Pipe Co. (Aust.) Ltd.
4020	27″ dia. x 4′, 6′, and 8′	,,	600 ,,	do.	0 10 0	Concrete Constructions Pty. Ltd.
4020A	27″ dia. x 4′ or 8′	,,		do.	0 10 0	Coates and Co. Pty. Ltd.
4020B	27″ dia. x 3′, 4′, 6′, or 8′	,,		do.	0 10 0	Hume Pipe Co. (Aust.) Ltd.
4021	30″ dia. x 4′, 6′, and 8′	,,	2,000 ,,	do.	0 12 0	Concrete Constructions Pty. Ltd.
4021A	30″ dia. x 4′ or 8′	,,		do.	0 12 0	Coates and Co. Pty. Ltd.
4021B	30″ dia. x 3′, 4′, 6′, or 8′	,,		do.	0 12 0	Hume Pipe Co. (Aust.) Ltd.
4022	36″ dia. x 4′, 6′, and 8′	,,	3,000 ,,	do.	0 15 0	Concrete Constructions Pty. Ltd.
4022A	36″ dia. x 4′ or 8′	,,		do.	0 15 0	Coates and Co. Pty. Ltd.
4022B	36″ dia. x 3′, 4′, 6′, or 8′	,,		do.	0 15 0	Hume Pipe Co. (Aust.) Ltd.
4023	42″ dia. x 4′, 6′, and 8′	,,	1,000 ,,	do.	1 0 0	Concrete Constructions Pty. Ltd.
4023A	42″ dia. x 4′ or 8′	,,		do.	1 0 0	Coates and Co. Pty. Ltd.
4023B	42″ dia. x 3′, 4′, 6′, or 8′	,,		do.	1 0 0	Hume Pipe Co. (Aust.) Ltd.
4024 to 4028	Nil					

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

FIREPROOF SAFES.

(1.7.1929 to 31.3.1931.)

The outside measurements of the Fireproof Safes to be supplied shall be 24″ × 18″ × 18″, and the inside measurements 18″ × 12″ × 12″. The outer casing shall be made of No. 10 B.W.G. Mild Steel, and the inner casing of No. 14 B.W.G. Mild Steel, and the door from ½-in. Mild Steel Plate. The door shall be provided with an approved six-lever brass lock, fully protected by an undrillable steel plate not less than ½ inch thick. Duplicate keys shall be provided with each safe.

Fireproof packing (powdered slag and asbestos) shall be used in the manufacture of the Safe, and before fireproofing is packed in Safe the outside of the inner casing and inside of outer casing shall be painted with an approved rust-resisting compound.

The Safes will be inspected during manufacture by the Workshops Manager, Amalgamated Workshops, Spotswood, or his representative, and are not to be closed until instructed by him.

4029	Safes, Fireproof, 18″ x 12″ x 12″, inside measurement	Vict.	10	each	9 5 0	J. L. Kelly
4030	Nil.					

GALVANIZED IRONWARE AND TINWARE.

(1.7.1929 to 31.3.1931.)

†4031	Baths, Iron, Galvanized, 24 G., 5′ 6″, rolled top, with 2″ M.M.B.W. pattern plug, washer, and brass chain	Vict.	150	each	1 4 6 Less 2½%	A. E. & F. Tame
†4032	Baths, Iron, Galvanized, 24 G., 6′, rolled top, with 2″ M.M.B.W. pattern plug, washer, and brass chain, Baldwin's Iron	,,		do.	1 5 6	K. J. Robinson
	Billies, Tin—					
*4033	Quart	,,	200	do.	0 1 3	Workshops Manager, Spotswood.
*4034	,, without lids	,,	300	do.	0 1 0	
*4035	½ gallon	,,	50	do.	0 2 0	
*4036	½ gallon, without lids	,,	600	do.	0 1 5	
*4037	1 gallon	,,	300	do.	0 2 6	
*4038	1 gallon, without lids	,,	40	do.	0 2 0	
*4039	Bins, Dust, Galvanized Iron, 17¾″ x 17¾″ x 23″	,,	120	do.	0 12 3	
	Bottles, Oil—					
*4040	1 pint	,,	600	do.	0 1 9	
*4041	1 quart	,,	700	do.	0 1 10	
*4042	6 pints, B	,,	150	do.	0 3 3	
*4043	6 pints, C	,,	20	do.	0 3 3	
	Buckets, Galvanized, strapped sides and bottoms—					
*4044	12″, 24 Gauge	,,	1,200	do.	0 2 6½	A. E. & F. Tame
*4045	14″ ,, ...	,,	120	do.	0 3 9	
*4046	Cans, Toilet	,,	6	do.	0 11 0	Workshops Manager, Spotswood
*4047	,, Watering, Galvanized, with rose, 4 gallons	,,	80	do.	0 7 6	A. E. & F. Tame
	Feeders, Tin—					
*4048	Engine, long spout, 2 pints	,,	400	do.	0 4 10	Workshops Manager, Spotswood
*4049	Conical, 1 pint	,,	200	do.	0 2 0	
*4050	,, 2 pints	,,	20	do.	0 3 3	
*4051	Spring, ½ pint, Braime's	U.K.	300	do.	0 1 11	James Walker
*4052	,, 1 pint, ,, ...	,,	300	do.	0 2 11	
*4053	Funnels, Tin, 1 pint	Vict.	30	do.	0 1 2	Workshops Manager, Spotswood.
*4054	,, ,, 1 quart	,,	40	do.	0 1 6	
*4055	Kettles, Oil, 5 pints	,,	100	do.	0 9 3	
	Lamps—					
*4056	Cleaners', Engine, brass spout	,,	500	do.	0 3 2	Workshops Manager, Spotswood
*4057	Drivers'	,,	500	do.	0 4 0	
*4058	Gauge	,,	500	do.	0 7 6	Harvey Shaw & Drake Pty. Ltd.
	Measures—					
*4059	½ pint	,,	20	do.	0 0 11	Workshops Manager, Spotswood
*4060	1 pint	,,	50	do.	0 1 1	
*4061	1 quart	,,	50	do.	0 1 4	
*4062	½ gallon	,,	10	do.	0 2 0	
*4063	1 gallon	,,	20	do.	0 2 10	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	GALVANIZED IRONWARE AND TINWARE—*continued.*					
*4064	Pans, Closet, to sample "A", Oval	Vict.	550	each	0 7 4	Galvanized Products Pty. Ltd.
*4065	" " " "H", Round	"		do.	0 7 0	
*4066	Pots, Car Cleaners'	"	4	do.	0 5 0	Workshops Manager, Spotswood
†4067	Pumps, Kerosene, closed top, with cutter	N.S.W.	20	do.	0 0 9½	James Walker
	Tanks, with Cover, Galvanized, Corrugated Iron—					
4068	500 gallons, to Litho. 489/28 amended	Vict.	20	do.	3 10 0	Workshops Manager, Spotswood
4069	600 gallons, to Litho. 489/28	"	100	do.	3 18 6	
4070	600 gallons, to Blue Print 105/29	"	100	do.	3 14 6	
*4071	Tins, Sealed, 1-lb.	..	50	do.	..	Nil
*4072	" " 2-lb.	..	50	do.	..	
*4073	Trays, Drip, Galvanized Iron, 10" x 10" x 3"	Vict.	24	do.	0 2 0	Workshops Manager, Spotswood
4074 to 4077	Nil					
	BASKETWARE, COIR MATS, ETC. (1.7.1929 to 31.3.1931.)					
	BASKETWARE.					
*4078	Baskets, Waste-paper	..	70	each	..	Nil
*4079	Hampers, Parcels	..	6	do.	..	
	MATS, ETC.					
*4080	Mats, Coir, Skeleton, 3' 3" x 2' 3"	Vict.	200	do.	0 16 9	Royal Victorian Institute for the Blind
*4081	" Kneeling	"	50	do.	0 6 3	
4082	Matting, Coir, 27"	"	1,000 l. yds.	l. yd.	0 1 9¾	
4083	" " 24"	"	300 "	do.	0 1 9	
4084	Binding Coir Matting above, as ordered	"	1,000 feet	foot	0 0 4½	
4085 to 4087	Nil.					
	SADDLERS' MATERIAL. (1.7.1929 to 31.3.1931.)					
	Buckles—					
†4088	Black, Jap., single roller, gear, 1¼"	U.K.	5 gross	gross	0 10 6	W. P. Thompson & Co. Pty. Ltd.
*4089	" Barrel, ⅞"	"	4 "	do.	0 12 0	
*4090	" " " 1¼"	"	2 "	dozen	0 1 6	W. H. Hunter & Co. Pty. Ltd.
4091	D. Solid Nickel, ⅜"	"	1 "	gross	0 7 0	W. P. Thompson & Co. Pty. Ltd.
*4092	" " ½"	"	1 "	do.	0 7 0	
4093	" " ⅝"	"	1 "	do.	0 9 0	
4094	" " ¾"	"	1 "	do.	0 10 0	
4095	Gear, 1"	"	2 "	do.	0 9 6	
*4096	" 1¼"	"	2 "	do.	0 10 6	
4097	" 1¾"	"	2 "	do.	0 16 6	
4098	" 3"	"	¼ "	do.	1 19 0	
4099	Gaiter, Tinned, ½"	"	2 "	dozen	0 0 5	
*4100	" " ⅝"	"	2 "	do.	0 0 6	
4101	" " ¾"	"	2 "	do.	0 0 7	
4102	" " ⅞"	"	2 "	do.	0 0 8	
4103	Hobble, 1"	"	2 "	do.	0 1 3	W. H. Hunter & Co. Pty. Ltd.
*4104	" 1¼"	"	2 "	do.	0 1 9	
4105	" 1¾"	"	2 "	do.	0 2 9	
†4106	Roller, Brass, single, ¾"	"	30 "	do.	0 1 3	
†4107	" " double, ¾"	"	20 "	do.	0 1 9	
†4108	" N.P., double, 1"	"	3 "	do.	0 0 9½	
4109	Roller, Tinned, ½"	"	2 "	gross	0 8 0	W. P. Thompson & Co. Pty. Ltd.
*4110	" " ¾"	"	2 "	do.	0 9 0	
*4111	" " ⅞"	"	2 "	do.	0 10 0	

Item No.	Description.	Country of Manufacture.	Estimated Requirements.	Rate per—	Rate. £ s. d.	Name of Contractor.
	SADDLERS' MATERIAL—*continued*.					
	Buckles—*continued*.					
4112	West-end, Solid Nickel, 1″	U.K.	½ gross	dozen	0 2 0	W. H. Hunter & Co. Pty. Ltd.
*4113	,, ,, 1¼″	,,	½ ,,	do.	0 3 6	
4114	,, ,, 1¾″	,,	½ ,,	do.	0 8 0	
†4115	Collar-Check	Vict.	120 yds.	yard	0 5 0	W. P. Thompson & Co. Pty. Ltd.
4116	Flax, fine, 1-oz. balls (Barbour's No. 9 Patent White)	U.K.	20 balls	ball	0 0 6½	Frank & Bryce Ltd.
4117	Hair, Curled	Vict.	56 lb.	lb.	0 1 7½	W. H. Hunter & Co. Pty. Ltd.
†4118	Hames, for Draught Horses	U.K.	6 pairs	pair	0 10 6	
4119	Hemp, Brown, No. 1	,,	80 balls	ball	0 0 6	Michaelis, Hallenstein & Co. Pty. Ltd.
4120	,, ,, No. 2	,,	80 ,,	do.	0 0 6	
4121	Hooks, for Draught Horse Hames ..	Vict.	½ gross	pair	0 2 6	W. P. Thompson & Co. Pty. Ltd.
*4122	,, Plough, 1¾″	,,	2 ,,	dozen	0 3 0	W. H. Hunter & Co. Pty. Ltd.
*4123	Hooks, Plough, 3″	,,	1 ,,	do.	0 4 6	
*4124	,, Spring	U.K.	3 ,,	do.	0 3 3	
4125	Needles, Harness, No. 1	,,	6 pkts.	pkt.	0 0 5	W. P. Thompson & Co. Pty. Ltd.
4126	,, Collar, assorted	,,	6 ,,	doz. pkts.	0 10 0	
4127	,, A.W.L.	,,	6 ,,	pkt.	0 1 0	W. H. Hunter & Co. Pty. Ltd.
4128	Rings and Bits, Japanned, 1¾″	,,	1 gross	dozen	0 11 0	
4129	Rivets, Saddlers', ½″	,,	20 lb.	lb.	0 2 6	Michaelis, Hallenstein & Co. Pty. Ltd.
4130	,, ,, ¾″	,,	20 ,,	do.	0 2 6	
4131	,, ,, ⅞″	,,	20 ,,	do.	0 2 6	
*4132	Serge, Saddle	Vict.	10 yds.	yard	0 7 9	W. P. Thompson & Co. Pty. Ltd.
4133	Thread, Collar, 6-cord, No. E, 1-lb. balls ..	U.K.	40 balls	ball	0 2 3	Frank & Bryce Ltd.
4134	Wax, Black, Winter	Vict.	80 ,,	100 balls	0 6 0	W. P. Thompson & Co. Pty. Ltd.
4135	,, ,, Summer ..	,,		do.	0 6 0	
†4136	Webbing, Girth, Cotton	U.K.	20 yds.	yard	0 1 0	
4137 to 4139	Nil					

APPENDIX "H."

COLOURS, PIGMENTS, AND DYES.

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

I.—SCOPE.

This Specification covers what is commonly known as "White Lead" used as a pigment, purchased as a dry pigment.

II.—MANUFACTURE.

(*a*) Dry Pigment.—The dry pigment shall be the product made from metallic lead having the composition corresponding approximately to the formula $2\ PbCO_3.Pb(OH)_2$.

It shall be thoroughly washed after corroding; and shall be free from impurities and adulterants and show no trace of crystalline structure.

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
Lead Carbonate, per cent.	75
Lead Acetate, expressed as Absolute Acetic Acid, per cent.	0·15
Total impurities, including moisture, per cent.	2·0

APPENDIX "H"—*continued.*

COLOURS, PIGMENTS, AND DYES—*continued.*

BASIC CARBONATE WHITE LEAD—*continued.*

IV.—SAMPLING AND TESTING.

A composite sample shall be taken from each delivery from at least five (5) packages (from all when fewer) and in no case from less than two (2) per cent. of the packages.

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

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

I.—SCOPE.

This Specification covers the pigment commonly known as Zinc White or Zinc Oxide, purchased either as a dry pigment or ground in oil to form a paste.

II.—MANUFACTURE.

(*a*) Dry Pigment.—The pigment may be made either direct from the ore or by the French process from spelter.

(*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 :—

	Direct Process. Maximum.	Direct Process. Minimum.	French Process. Maximum.	French Process. Minimum.
Coarse particles retained on a Standard No. 200 screen, per cent.	0·0	..	0·0	..
Zinc Oxide, per cent.	..	96	..	99.
Total Sulphur, per cent.	0·2	..	0·1	..
Total impurities, including moisture, per cent.	4·0	..	1·0	..

(*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.	..	82·0
Linseed Oil, per cent.	18·0	..
Moisture and other volatile matter, per cent.	0·5	..
Coarse particles and skins (total residue retained on Standard No. 200 screen, based on pigment), per cent.	0·5	..

IV.—SAMPLING AND TESTING.

A composite sample shall be taken from each delivery from at least five (5) packages (from all when fewer) and in no case from less than two (2) per cent. of the packages.

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

RED LEAD.—SPECIFICATION B.5.—*Item No.* 2842.

I.—SCOPE.

This specification covers Red Lead to be used as a pigment, purchased as a dry pigment.

II.—MANUFACTURE.

The pigment shall be made by roasting litharge or lead, or compounds of lead which yield litharge on heating.

III.—PROPERTIES AND TESTS.

The pigment shall consist entirely of oxides of lead, free from all adulterants, and shall conform to the following requirements :—

Coarse particles remaining on Standard No. 200 screen, per cent. maximum	0·3
True Red Lead (Pb_3O_4), per cent. minimum	80·0
Total impurities, including moisture, matter soluble in water, and matter insoluble in mixture of Nitric Acid and Hydrogen Peroxide, per cent. maximum	1·0

Remainder shall be Lead Monoxide (PbO).

When mixed with Raw Linseed Oil, Turpentine, and Liquid Drier in the proportions :—

			Per cent. by weight.
Dry Red Lead	pounds	24	78
Raw Linseed Oil	Imperial pints	5	19
Turpentine	" gills	2	1·5
Terebine	" "	2	1·5

and applied to a smooth, vertical iron surface, the resulting film shall dry hard and elastic, without running, streaking, or sagging.

APPENDIX "H"—*continued.*

COLOURS, PIGMENTS, AND DYES—*continued.*

RED LEAD—*continued.*

IV.—SAMPLING AND TESTING.

A composite sample shall be taken from each delivery from at least five (5) packages (from all when fewer) and in no case from less than two (2) per cent. of the packages.

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

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 "H"—*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	To be filled in after tender is accepted.	
Material other than Ferric Oxide, insoluble siliceous matter and loss on ignition, per cent.		

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 "H"—*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.* 2841.

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.	Light and Middle	..	15·0
	Deep	..	9·0
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.—SAMPLING AND TESTING.

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

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

APPENDIX "H"—*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."

CALCIUM CARBONATE.—SPECIFICATION C.1.—*Item No.* 2864.

I.—PROPERTIES AND TESTS.

The Calcium Carbonate shall conform to the following requirements:—

	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0·0	..
Calcium Carbonate, per cent.	..	95
Impurities, including moisture, per cent.	5	..

II.—SAMPLING AND TESTING.

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

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

SPECIFICATION FOR B.A. AND S.F. DYE.—*Items Nos.* 2868 *to* 2873.

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.

By Authority: H. J. GREEN, Government Printer, Melbourne.