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VICTORIA GOVERNMENT GAZETTE.

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No. 176.]

MONDAY, OCTOBER 13.

[1924.

VICTORIAN RAILWAYS.

CONTRACTS ACCEPTED—(Series 1924-25.)

No.	Number of Tenders.	Particulars of Contract.	Country of Manufacture of Production.	Amount.	Name of Contractor.
1487		Railway Stores Suspense Account, Act 2716, Section 105— Supply and delivery of Stores (estimated requirements), as ordered, from 1st July, 1924, to 30th June, 1925	As per Schedule attached	Rates..	As per Schedule attached

Melbourne, 9th October, 1924.

Schedule of Rates Contracts

FOR THE

SUPPLY OF STORES

TO THE

VICTORIAN RAILWAYS, 1924-1925.

(SEE FOLLOWING SCHEDULES.)

E. C. EYERS,

By order of The Victorian Railways Commissioners.

SUPPLY AND DELIVERY OF STORES.

As ordered, from 1st July, 1924, to 30th June, 1925.

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 Tenderer.

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 be wholly manufactured or produced at the factory or works of the contractor. No subletting will be allowed.

Samples lodged by S. Cohen, Sons, & Co. Pty. Ltd., Briscoe & Co. Ltd., and E. Duckett & Sons, to be returned.

NAMES, ADDRESSES, ETC., OF CONTRACTORS.

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
Adams, Alfred, E. S. Co. Pty. Ltd.	493 Collins-street, Melbourne	37489	12	1558, 1559, 2164
Adams, W., & Co. Ltd.	521 Collins-street, Melbourne	37310	2	36
Alford, A.	96A Henry-street, Windsor	37306	..	2056, 2057
Alkemade Bros.	440 Flinders-street, Melbourne	37304	17	2345A, 2346A
Andrew, Jack, Dyson, & Co. Pty. Ltd.	Church-lane, Melbourne	37309	7	2577-2585
Atkins, C., & Sons Pty. Ltd.	1 Clarendon-street, South Melbourne	37305	26	1882, 1888, 1913, 1919, 1921-1923, 1926, 1933-1934A
Australian Chemical Manufacturing Co.	Nott-street, Port Melbourne	37307	..	2892
Australian Gas Retort & Firebrick Manfg. Co.	Toorak-road, South Yarra	37308	6	2456A-2456N
Australian General Electric Co. Ltd.	Queen-street, Melbourne	37311	12	3318, 3360, 3373, 3392, 3405, 3445
Australian Oxygen & Industrial Gases Pty. Ltd.	550 Latrobe-street, Melbourne	37303	79	2988, 2989
Australian Portland Cement Co. Pty. Ltd.	Geelong	37482	5	2435
Australasian Paper & Pulp Co. Ltd.	Prince's-bridge, Melbourne	37493	194	2497, 2504, 2506, 2509, 2514, 2515, 2519, 2552-2554, 2555, 2563, 2568-2576
Ball, B. J., Ltd.	193 King-street, Melbourne	37324	1	2558
Ballarat Woollen & Worsted Co. Ltd.	Hill-street, Ballarat East	37478	108	1251, 1325, 1328
Barnet Glass Rubber Co. Ltd.	289 Swanston-street, Melbourne	37325	106	2122, 2124, 2131-2133, 2138, 2139, 2144, 2145, 2152, 2154, 2159-2160A, 2165, 2168
Beecham, H., & Co. Pty. Ltd.	624 Lonsdale-street, Melbourne	37322	580	2169, 2171, 2173, 2177, 2180, 2184, 2188, 2190, 2192, 2195, 2198, 2203-2209, 2217-2224, 2226, 2227, 2232-2246, 2251, 2253, 2255, 2256A, 2257, 2262, 2263

NAMES, ADDRESSES, ETC., OF CONTRACTORS—continued.

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
Bell's Asbestos Aust. Agency Ltd.	30 Yarra Bank-road, South Melbourne	37323	£ 13	61-63, 2125-2128, 2162
Benson Bros. Ltd.	107 Queen's-bridge-street, South Melbourne	37314	15	1010-1021
Bevan & Edwards Pty. Ltd.	117 King-street, Melbourne	37321	12	369, 369A, 3455-3487c, 3519-3522
Black, J. G.	Somerset-place, Melbourne	37316	5	5, 123, 124, 670, 824
Briginshaw, E. P.	97 Elizabeth-street, Melbourne	37319	10	2663, 2679, 2681-2683, 2694A, 2737, 2738, 2767, 2769-2772, 2779A, 2784, 2785, 2789
Briscoe & Co. Ltd.	391 Little Collins-street Melbourne	37312	48	4, 4A, 6, 17, 18, 20, 21, 29, 42, 47-49, 51, 53, 56, 74, 80-85, 91, 98, 100, 104, 105, 108, 110-113, 115, 117, 122, 125, 137, 138, 148, 172-174, 183, 185, 190, 192, 198, 201, 204, 207, 213, 214, 217, 222, 226, 230, 242, 243, 255, 292, 334, 342, 344, 347A, 348, 349, 384, 385, 487, 488, 493, 495-497, 502, 574A, 683-685, 688, 724, 1130, 1131, 1144, 1146, 1204, 1760, 1761, 1904, 1935, 1957-1959, 2086, 2094, 2095, 3127-3139
British General Elec. Co. Ltd.	590 Bourke-street, Melbourne	37313	56	3257, 3270, 3271, 3275, 3277, 3278, 3299, 3311, 3315, 3321, 3322-3334, 3340-3345, 3349-3354, 3365, 3368, 3400
British Imperial Oil Co. Ltd.	153 William-street, Melbourne	37320	103	1805, 1816, 1816A, 1823A, 1849, 1851, 1852, 1870
British Insulated & Helsby Cables Ltd.	Wool Exchange Buildings, King-street, Melbourne	37326	40	3237, 3427, 3429-3434, 3450-3452, 3454
Brooks, Robinson & Co. Ltd.	59 Elizabeth-street, Melbourne	37317	116	1978-2009
Bryce, R., & Co. Pty. Ltd.	482 Collins-street, Melbourne	37315	3	3381, 3382
Buncle, John, & Son Pty. Ltd.	19 Wreckyn-street, North Melbourne	37318	19	907-909E
Caldwell's Pty. Ltd.	Yarra Bank-road, South Melbourne	37333	6	2636-2638
Cammell, Laird & Co. Ltd.	203 Grant-street, South Melbourne	37336	34	387A, 388A
Campbell, A. L., & Co. Pty. Ltd.	33 William-street, Melbourne	37334	7	3355, 3356, 3388A, 3410A, 3413
Carlyle, A. E.	27 Dudley-street, Melbourne	37440	16	694-697, 722
Carse, E.	Haywood-lane, Melbourne	37328	5	916, 917
Cash, W. E.	156 Sydney-road, Coburg	37341	16	690, 692, 693, 713, 714, 723, 850-854, 856-863
Castlemaine Brick & Tile Pty. Ltd.	Barker-street, Castlemaine	37342	2	2433A, 2434A
Charcoal Supply Co.	Lancefield	37329	4	2458
Chartres Pty. Ltd.	375 Collins-street, Melbourne	37340	..	2611, 2613
Coates & Co. Pty. Ltd.	99 Queen-street, Melbourne	37332	38	372-376, 2436, 3019-3041, 3047-3126
Cohen, S., Sons & Co. Pty. Ltd.	262 Queen-street, Melbourne	37327	34	13, 16, 22, 33, 38, 57, 60, 68, 75, 76, 97, 103, 107, 109, 146, 147, 149, 150, 191, 203, 206, 211, 219, 220, 229, 295, 296, 298, 306, 308, 318, 320, 333, 349A, 365, 366, 501, 514, 529, 1304, 1320, 1324A, 1724, 1729, 1758

NAMES, ADDRESSES, ETC., OF CONTRACTORS—continued.

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
Collie, R., & Co. Pty. Ltd. . .	194 Little Lonsdale-street, Melbourne	37331	£ 4	223, 2625, 2626, 2628-2630, 2634
Collyer, R. W., & Son . . .	14 Royal-lane, Melbourne	37338	12	1769-1771, 1774
Commonwealth Oil Refineries Ltd.	313 Flinders-lane, Melbourne	37602	300	1845, 1846
Concrete Constructions Pty. Ltd.	360 Collins-street, Melbourne	37343	45	2392A, 2393A, 2394A, 2395A-2405
Cooke, S., Pty. Ltd. . . .	225 Queen-street, Melbourne	37330	6	2622-2624, 2627, 2631, 2633, 2635
Cooper, E. H. Pty. Ltd. . . .	59 William-street, Melbourne	37344	17	2498-2503, 2507, 2510-2513, 2516, 2518, 2520-2523
Corder, H. J., Pty. Ltd. . . .	62 Swanston-street, Melbourne	37337	5	1895A, 1908, 1908A, 1914, 1967, 1968
Crown Glass Works	Euston-road, Alexandria, N.S.W.	37339	3	1768, 1772, 1776, 1777
Cuming, Smith & Co. Pty. Ltd.	65 William-street, Melbourne	..	..	2868
Cyclone Pty. Ltd.	459 Swanston-street, Melbourne	37335	6	1165
Dalgety & Co. Ltd.	471 Bourke-street, Melbourne	37347	12	1373, 3004
Danks, J., & Son Pty. Ltd. . .	391 Bourke-street, Melbourne	37346	134	26, 134, 136, 139, 142, 218, 395-453, 456-466, 468-484, 691, 691A, 702, 704, 705, 708, 711, 712, 732-746, 748-759, 763-823, 826-849, 855, 864-876D, 877, 894-899, 1344, 1752-1756, 1891, 1907, 1931, 1932, 1942, 1956, 1962, 1971, 2341, 2342, 3259-3261, 3285, 3363, 3364, 3387, 3388, 3415-3417, 3419, 3420
Davies Shephard Pty. Ltd. . . .	34 Clarke-street, South Melbourne	37354	12	703, 706, 707, 762A-762C
Davis Gelatine Pty. Ltd. . . .	575 Bourke-street, Melbourne	37355	4	65, 67
Dean, W. & G., Pty. Ltd. . . .	Equitable-place, Melbourne	37348	88	66, 1797, 1807, 1869, 1909, 1910, 1915, 1943-1945, 1948-1952, 1954, 1965, 1966, 1970, 1976, 2593, 2594, 2697-2703, 2766, 2860, 2862, 2866, 2867, 2872, 2877, 2894, 2900A
Dickinson, John, & Co. (Aust.) Ltd.	337 Latrobe-street, Melbourne	37352	146	2468, 2476, 2478, 2486, 2497A, 2504A, 2506A, 2508, 2509A, 2519A, 2524, 2525-2528, 2537-2541, 2545-2548, 2555A, 2556, 2559-2562, 2664, 2704, 2714-2716
Dott & Co. Pty. Ltd.	Langford-street, North Melbourne	37353	18	1764, 1764A, 1766, 1767, 1779-1781A
Downs & Son Pty. Ltd. . . .	Tinning-street, Brunswick	37349	4	1358-1360

NAMES, ADDRESSES, ETC., OF CONTRACTORS—*continued.*

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
Duckett, E., & Sons ..	374 Lonsdale-street, Melbourne	37345	£ 423	5A, 7, 11, 19, 28, 30, 31, 34, 35, 40, 41, 43, 44, 46, 50, 52, 58, 72, 73, 78, 79, 86, 87-90, 92, 94, 101, 114, 127, 133, 135, 141, 168, 181, 182, 186-188, 197, 208, 216, 232-241, 248-250, 256-259, 270-278, 282, 285, 290, 291, 297, 303, 310, 313-315A, 316A, 319, 321, 326, 331, 332, 336, 338-341, 343, 347, 350-353, 354, 355, 368, 368A, 393, 493A, 498, 499, 503-507, 510-513, 515-528, 531-536, 538, 550, 573, 574, 689, 698, 709, 715-717, 939, 940, 944, 945, 982, 1008, 1009, 1022-1024, 1132-1134, 1143, 1145, 1152, 1154, 1155, 1202, 1203, 1725, 1757, 1762, 3224, 3225,
Dunlop Rubber Co. of Aust. Ltd.	108 Flinders-st., Melbourne	37351	66	687, 1552, 2121, 2123, 2129, 2137, 2140, 2146-2151, 2152A, 2153, 2157, 2158, 2651-2654, 2971-2974A, 2979, 2980, 3231, 3254-3254F, 3258-3258H, 3412
Eagle & Globe Steel Co. Ltd.	342 Swanston-street, Melbourne	37487	12	377-382M
Edinburgh Varnish Works ..	77 Church-street, Middle Brighton	37358	73	1872A, 1873A, 1876, 1885, 1886
Edison-Swan Electric Co. Ltd.	368 Little Collins-street, Melbourne	37360	18	3227-3228, 3310, 3359, 3362, 3366, 3367, 3369-3371, 3389, 3395-3399, 3424, 3428
Elder, Smith, & Co. Ltd. ..	84 William-street, Melbourne	37357	5	1148-1148B, 1151
Evans, Evan, Pty. Ltd. ..	630 Elizabeth-street, Melbourne	37359	..	1799
Excoelsior Broom Co. ..	Park-street, North Fitzroy	37356	12	2017, 2047
Fahle, C. ..	215 Esplanade West, Port Melbourne	37366	6	2564-2567
Falk, Stadelmann, & Co. Ltd.	380 Lonsdale-street, Melbourne	37363	8	1742, 1765, 1782, 1783
Federal Woollen Mills Pty. Ltd.	North Geelong ..	37479	128	1326, 1327
Felton, Grimwade, & Co. Pty. Ltd.	346 Flinders-lane, Melbourne	37361	22	650, 651, 2806-2808, 2810, 2812, 2814, 2815, 2817, 2818, 2821-2829, 2831, 2834-2837, 2857-2859A, 2861, 2863-2864, 2869, 2869A, 2875-2876, 2878, 2885, 2888, 2895, 2898, 2901, 2904, 2907, 2908, 2912, 2915-2917, 2929-2933, 2934A, 2937, 2939A, 2939B, 2942, 2942A, 2944, 2945, 2955A, 2957-2961, 2964, 2966, 2969, 2976
Fisher, W. & T. R. ..	20 South Audley-street, Abbotsford	37362	2	1215
Forbes, J., & Coy. ..	Normanby-road, Port Melbourne	37365	18	1808-1811
Foster, C. R. ..	588 Bourke-street, Melbourne	37367	11	3235, 3241, 3245, 3358, 3374, 3406, 3407
Frank & Bryce Ltd. ..	109 Flinders-lane, Melbourne	37368	37	1306-1310, 1314, 1315
Fry, G. B., & Co. ..	380 Flinders-lane, Melbourne	37364	12	2602, 2603

NAMES, ADDRESSES, ETC., OF CONTRACTORS—continued.

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
Gair Manuflg. Co. Pty. Ltd.	480 Elizabeth-street, Melbourne	37480	76	1255, 1275, 1276, 1346-1354
Gardner Waern & Co. Pty. Ltd.	481 Flinders-street, Melbourne	37369	39	2986, 2987
Gibson & Son	66 Jeffcott-street, West Melbourne	37371	1	2085
Glover, J. W., & Co.	123 Webster-street, Ballarat	37376	3	1912
Gordon & Gotch (Aust.) Ltd.	509 Little Collins-street, Melbourne	37378	20	2505, 2524A, 2529, 2530, 2536, 2557
Gray's Pty. Ltd.	Blackshaw's-road, Newport	37372	299	953, 992-995, 997
Greer & Ashburner	26 Franklin-street, Melbourne	37374	12	1147, 1159, 1162, 1170
Gunnerson Nosworthy Pty. Ltd.	40 William-street, Melbourne	37375	3	2288
Guthrie, G. D., & Co. Pty. Ltd.	Epsom	37377	36	727A, 728A, 731-731B, 2351A-2359A
Hardie, J., & Co. Pty. Ltd.	581 Little Collins-street, Melbourne	37379	86	2103, 2339, 2340A-2340I, 2856, 2865, 2893, 2900, 2902, 2905
Hardite Steel Hardening Co.	Kyle-street, Arncliffe, N.S.W.	37492	4	38A
Hardware Co. of Aust. Pty. Ltd.	71 Queen's-bridge-road, South Melbourne	37380	15	244-246, 383, 386, 1135-1137
Hartley, Wm., Pty. Ltd.	286 Post Office-place, Melbourne	37390	13	70, 77, 99, 106, 153, 178, 205, 205A
Harvey, Shaw & Drake Pty. Ltd.	560 Lonsdale-street, Melbourne	37389	6	9
Healing, A. G., & Co. Pty. Ltd.	354 Post Office-place, Melbourne	37381	15	664, 666-669, 671, 671A, 672A, 673, 677-682, 686, 1553-1557, 1561-1564, 1570, 1577-1580D, 1580F, 1580G
Henley's, W. T., Tele. Works Ltd.	205 William-street, Melbourne	37392	1	3425
Herbert, Alfred (Aust.), Ltd.	57 George-street North, Circular Quay, Sydney	37386	3	3511-3517A
Hicks, J. W.	213 Queen's-parade, Clifton Hill	37384	10	1206
Hicks, Atkinson, & Sons Pty. Ltd.	348 Collins-street, Melbourne	37391	214	1250A, 1252, 1254, 1256-1258, 1261-1263, 1269B, 1271, 1273, 1274, 1277, 1278A-1282, 1284-1289, 1290A-1303, 1305, 1316, 1318-1319, 2919-2925, 2940, 2946-2949, 2963, 2968C, 2977, 2978, 2981-2985
Hoffman Brick & Potteries Ltd.	123 Queen-street, Melbourne	37387	29	727, 728, 2351-2389, 2433, 2434
Hume Pipe Co. (Aust.) Ltd.	301 Flinders-lane, Melbourne	37388	59	2390-2392, 2393, 2394, 2395, 2415-2420, 2422-2429, 2431, 2432
Hunt, S. F.	Main-road, Ringwood	37385	7	1242, 1247
Hunter, W. H., & Co.	316 Elizabeth-street, Melbourne	37382	..	2116, 2117
Infusorial Earth & Asbestos Co.	544 Burwood-road, Hawthorn	37475	16	2460
Ingham, Clark, R., & Co. (Aust.) Ltd.	17 Patrick-street, Melbourne	37394	2	1879, 1884
Inglis, Smith & Co.	Spencer-street, Melbourne	37393	12	508, 509, 1129, 1794, 1802, 1803, 1813
Johnson & Phillips Ltd.	489 Flinders-street, Melbourne	37395	41	3423, 3426-3426J, 3435-3439, 3441-3444, 3447-3449
Johnston's Pty. Ltd.	183 Gertrude-street, Fitzroy	37396	12	1321-1324
Kidd, J. S., & Co. Pty. Ltd.	410 Lonsdale-street, Melbourne	37400	34	387, 388

NAMES, ADDRESSES, ETC., OF CONTRACTORS—*continued.*

Name of Contractor.	Address.	Contract No.	Deposit Security	Item Numbers.
Kilpatrick & Co.	358 Collins-street, Melbourne	37397	£ 8	3009-3017
Kitchen, J., & Son Pty. Ltd.	10 Queen-street, Melbourne	37399	48	2082, 2083, 2088-2089A, 2091
Kodak (Aust.) Pty. Ltd. . . .	284 Collins-street, Melbourne	37398	14	2809, 2819-2820, 2830, 2833, 2838-2851
Lara Lime Co.	Lara Lake P.O.	37402	2	2348
Laughlin Drake & Hesketh Pty. Ltd.	Park-street, Northcote . .	37403	7	2890, 2891, 2899
Lawrence & Hansen Elec. Co. Ltd.	398 Post Office-place, Melbourne	37404	25	3262-3269, 3272, 3274, 3276, 3279-3281, 3291-3298, 3300-3304, 3306, 3319-3320A, 3321A, 3335-3339, 3346-3348, 3393, 3394, 3408, 3410B, 3410C
Lempriere, O. T., & Co. . . .	Collins House, Collins-street, Melbourne	37401	15	662, 663, 919
Leonard Electric Co. Pty. Ltd.	Swan-street, Hawthorn . .	37405	5	3317, 3383-3386
Lion Rolling Mills Pty. Ltd.	Grant-street, South Melbourne	37484	207	942, 946-947B, 949-951, 975, 977, 981, 985, 986, 996
Lodge, Gilbert, & Co. Ltd. . .	421 Collins-street, Melbourne	37373	15	654, 971
McCulloch, R. W., & Co. . . .	380 Flinders-lane, Melbourne	37407	12	2446
McKenzie & Holland (Aust.) Pty. Ltd.	Newport	37409	21	194-196, 3008
McLean, W., & Co.	127 Elizabeth-street, Melbourne	37410	9	699-701, 3375, 3376
McMicking & Co.	362 Little Collins-street, Melbourne	37408	19	1746-1748, 1750, 3006
McPherson's Pty. Ltd.	582 Collins-street, Melbourne	37406	185	33A, 59, 95, 126, 128, 179, 247, 251-254, 260-269, 279, 280, 283, 286, 294, 299, 300, 302, 304, 305, 309, 311-312, 315B-316, 317, 323, 327, 335, 345, 346, 347B, 347C, 356-361, 364, 367, 370, 389-392, 492, 540-542, 544, 547, 548, 552, 553, 656, 661A, 674-676, 710, 760-762, 2163, 3140-3142, 3159-3163, 3166, 3177-3191, 3201, 3202, 3205, 3206, 3208-3211, 3218-3223
Melbourne Steamship Co. Ltd.	31 King-street, Melbourne	37412	70	2461
Melbourne Wire Works	286A Little Collins-street, Melbourne	37419	18	1156-1158, 1160, 1161, 1168, 1178-1201
Mica & Insulating Supplies Co.	56 William-street, Melbourne	37425	4	3357, 3409, 3410
Miller, J., & Co. Pty. Ltd. . .	357 Little Collins-street, Melbourne	37418	173	1356, 1357, 1361-1372
Mining Supplies Co.	450 Flinders-lane, Melbourne	37414	22	323A, 325, 328, 3005, 3007
Mitchell, David, Estate	Oliver's-lane, Melbourne . .	37415	2	2347
Modern Lighting Ltd.	9 Kippax-street, Sydney . .	37422	2	1741
Montgomery, R., & Co. Pty. Ltd.	19 King-street, Melbourne	37411	8	2990-3003
Moore, J., & Sons Pty. Ltd.	City-road, South Melbourne	37421	99	2175, 2182, 2186, 2189, 2191, 2193, 2196, 2199, 2200, 2225, 2228-2231, 2247, 2264-2271
Moreland Metal Co. Ltd. . . .	596 Little Bourke-street, Melbourne	37424	40	936
Morris, Barrow, & Co.	74 Queen's-bridge-street, South Melbourne	37416	..	2647
Morton, B. K., Pty. Ltd. . . .	512 Little Collins-street, Melbourne	37413	131	1137A-1142, 1329, 1345

NAMES, ADDRESSES, ETC., OF CONTRACTORS—continued.

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
			£	
Morton, E. L.	415 Little Bourke-street, Melbourne	37417	6	2780-2783
Mustow, R. E.	312 Flinders-lane, Mel- bourne	37423	2	2696, 2729
Neptune Oil Co. Ltd.	River-street, Richmond . .	37604	11	1833
Nixon, Joseph, & Sons	Mark-street, North Mel- bourne	37426	29	900-902, 905, 906
Northern & Bendigo Brick Co. Pty. Ltd.	286 Williamson - street, Bendigo	37427	8	2438
Noyes Bros. (Melb.) Pty. Ltd.	499 Bourke-street, Mel- bourne	37428	70	929-929c, 3440, 3446
O'Hanlon, M. J., & Co.	237 Collins-street, Mel- bourne	37430	14	2443
Ordish Firebrick Co. Pty. Ltd.	Stud-road, Dandenong . .	37488	73	2447-2453, 2455, 2456, 2457
Oxford Metals Pty. Ltd.	Newcastle-street, Newport	37429	..	556
Pakenham Firebrick, Pipe, & Tile Co.	Pakenham East	37438	12	2454, 2454A
Paterson, R. C., & Co. Pty. Ltd.	454 Little Collins-street, Melbourne	37435	27	2487-2490, 2492, 2590-2592, 2595-2598, 2600, 2601, 2736, 2746-2765, 2768
Patience & Nicholson Ltd.	13A Rowan-street, Elstern- wick	37437	12	3488-3505, 3523-3526H
Paul & Gray Ltd.	Flinders-street, Melbourne	37431	9	32, 32A, 132, 171, 231, 284, 293, 322, 494, 1800, 1801, 1812
Pencarbon Co. (Aust.) Ltd.	479 Collins-street, Mel- bourne	37439	3	2604
Pfiel, W.	19 Grosvenor-street, Bondi Junction, Sydney	37434	4	2790-2791A
Pitt, Joshua, Pty. Ltd.	Gadd-street, Northcote . .	37432	129	2096-2102, 2104, 2106-2112, 2115, 2117A-2119
Pizzey, G., & Son Ltd.	131 Johnston-street, Fitzroy	37433	12*	2105, 2113
Poldi Steel Co. (Aust.) Ltd.	278 Queen-street, Mel- bourne	37441	15	970A
Premier Wire Works	Webb-street, Caulfield . .	37485	10	1149, 1163, 1164, 1167
Proud Bros. Pty. Ltd.	49 Dudley-street, West Melbourne	37436	12	649, 658-660
Radford & Co.	372 Post Office-place, Melbourne	37446	18	1211-1214, 1216, 1217, 1222, 1225, 1227-1229, 1236-1238, 1240, 1243
Ramsay & Hall Pty. Ltd.	395 Collins-street, Mel- bourne	37449	20	2605-2610, 2614A, 2614C, 2616A, 2617, 2618A-2621
Ramsay & Treganowan Ltd.	475 Latrobe-street, Mel- bourne	37605	52	1817A, 1821, 1822, 1823, 1824, 1825, 1827, 1834
Redmond, Inglis & Co.	Therry-street, Melbourne . .	37448	24	2462-2466, 2479
Robertson & Mullens Ltd.	107 Elizabeth-street, Mel- bourne	37450	5	2657, 2666, 2678, 2680, 2689, 2718
Roche, Tompsitt, & Co. Pty. Ltd.	292 Flinders-street, Mel- bourne	37447	6	2871, 2873, 2881, 2882, 2884, 2889, 2901A, 2906, 2911, 2913, 2918, 2928, 2935, 2936, 2950, 2953-2955, 2956, 2967, 2968A 2970,
Rosenfeld, Hillas, & Co. Pty. Ltd.	400 Collins-street, Mel- bourne	37443	6	1-3, 39, 93, 96, 489, 490, 657, 661
Rowe, H., & Co.	Mill-place, off 311 Flinders- lane, Melbourne	37451	4	3309, 3377
Royal Victorian Institute for the Blind	St. Kilda-road, Prahran . .	37444	31	1378, 1379, 1381, 1383A, 2010- 2015, 2018-2020, 2026, 2028- 2030, 2032, 2033, 2035-2039, 2042-2045, 2048, 2049
Ruwolt, Chas., Pty. Ltd.	Victoria-street, Richmond	37445	223	910, 911, 912, 913, 914, 915
Safeguard Chemical Co. Pty. Ltd.	Coventry-street, South Mel- bourne	37459	14	2092
Salmund & Spraggon (Aust.) Ltd.	31 William-street, Mel- bourne	37460	15	1887

NAMES, ADDRESSES, ETC., OF CONTRACTORS—continued.

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
Sands & McDougall Pty. Ltd.	365 Collins-street, Melbourne	37462	£ 26	2467, 2473, 2476A, 2477, 2480-2482, 2491, 2549-2551, 2587, 2588, 2643, 2649, 2659, 2668, 2684-2686, 2690, 2695, 2711-2713, 2717, 2735, 2739, 2745, 2745A, 2745C
Search & Houston Pty. Ltd.	183 Queen-street, Melbourne	37471	51	968-970, 3055A-3126A
Selby, H. B., & Co.	393 Swanston-street, Melbourne	37457	15	652-653A, 655, 2811, 2813, 2832, 2855, 2905A
Selkirk, James	Howitt-street, North Ballarat	37453	13	2439, 2440
Sewell, G. F., Pty. Ltd.	West Footscray	37454	252	575-577, 3143-3158, 3164, 3165, 3167-3176, 3192-3200, 3203, 3204, 3207, 3212-3217
Shanks & Co. Pty. Ltd.	353 Flinders-lane, Melbourne	37469	12	27, 725, 726, 729-730, 747
Sharp, J., & Sons Ltd.	City-road, South Melbourne	37464	236	1896, 1918, 1939, 1940, 2170, 2172, 2174, 2176, 2178, 2179, 2181, 2183, 2185, 2187, 2194, 2197, 2201, 2202, 2210-2216, 2248-2250, 2252, 2254, 2273-2284, 2286, 2287, 2291
Sherriff & Elliott	99 Fyans-street, Chilwell, Geelong	37455	12	2437
Siemens Bros. & Co. Ltd.	20 Queen-street, Melbourne	37473	6	3226, 3255, 3284, 3361, 3379, 3380, 3418
Simpson, G., & Son	68 Mason-street, Hawthorn	37456	12	2437A
Smith, S., & Co.	Dynon-road, South Kensington	37467	46	1878, 1883, 1893, 1911, 1916, 1917, 1924, 1925, 1928, 1929, 1936-1938
Socony Pty. Ltd.	462 Collins-street, Melbourne	37603	124	1814A, 1829
Spicers & Detmold Ltd.	377 Lonsdale-street, Melbourne	37461	23	2466A, 2466B, 2469-2472, 2474, 2475, 2483, 2484, 2612, 2615, 2639, 2640, 2643, 2646, 2650, 2655, 2656, 2662, 2667, 2669-2677, 2691, 2692, 2694, 2727, 2728, 2740, 2743, 2744, 2745B, 2779
Spoooner, A.	Sutton-grove, Richmond	37466	7	1974
Steel, Peck, & Tozer Ltd.	440 Little Collins-street, Melbourne	37472	102	967, 998A, 999A
Stewarts & Lloyds (Aust.) Ltd.	Grant-street, South Melbourne	37458	324	878-893
Stott & Hoare Pty. Ltd.	91 William-street, Melbourne	37468	15	2614, 2614B, 2616, 2618
Stuccoid Plastic Art Co.	146 Burnley-street, Richmond	37452	55	2340
Sturrock, Alex., & Sons Pty. Ltd.	Lorimer-street, South Melbourne	37465	12	2289, 2290
Sturtevant & Bedford Pty. Ltd.	476 Little Lonsdale-street, Melbourne	37470	3	10, 140
Texas Co. (Aust.) Ltd.	444 Little Collins-street, Melbourne	37606	15	1828, 1850
Thompson & Co. (Cast.) Pty. Ltd.	Nelson-place, Williamstown	37476	19	909F, 909G
Tilley, Arthur	3 Surrey-road, South Yarra	37483	10	2087, 2090
Titan Manufacturing Co. Pty. Ltd.	Normanby-road, Montague	37474	11	530, 1207-1210A, 1219-1221, 1226, 1239, 1241, 1244
Tomlinson, Gilbert A.	Chamber of Commerce Buildings, George-street, Sydney	37370	40	539, 543, 545, 546, 549, 551, 554, 555, 557-572
Trapp, V. B., & Co.	31 Queen-street, Melbourne	37486	182	2256, 2261

NAMES, ADDRESSES, ETC., OF CONTRACTORS—*continued.*

Name of Contractor.	Address.	Contract No.	Deposit Security.	Item Numbers.
Trehwella Bros. Pty. Ltd. . .	Trentham	37490	£ 10	301
Tulloch's Phoenix Iron Works Ltd.	Rhodes, Sydney, N.S.W.	37491	12	330
Vacuum Oil Co. Pty. Ltd. . .	90 William-street, Melbourne	37495	359	129, 181A, 1815, 1815A, 1817, 1818, 1819, 1819A, 1820, 1821A, 1826, 1830, 1831, 1847, 1851A, 1853, 1865, 1867-1868, 2909, 2910
Verga, T. E., Pty. Ltd. . .	114 Victoria-street, Melbourne	37497	5	2586A-2586E
Victoria Iron Rolling Co. Pty. Ltd.	Dudley-street, West Melbourne	37494	219	954, 955, 998, 999
Victoria Varnish Co. Pty. Ltd.	Queen's-bridge, South Melbourne	37496	68	1872, 1873, 1874, 1875, 1877, 1881, 1901, 1902, 1927
Waratah Lime & Cement Co.	312 Flinders-street, Melbourne	37500	15	2345B
Warburton, T.	384 Bourke-street, Melbourne	37498	1	537
Watson Trading Co. Pty. Ltd.	Watson-place, off Flinders-lane, Melbourne	37509	9	1269
Way, A. G., & Co.	217 Franklin-street, Melbourne	37503	8	37, 227, 228, 1218, 1234, 1235
Weickhardt, C. C.	133 Hopkins-street, Footscray	37502	31	1245, 1246
White, C. J., & Sons Pty. Ltd.	172 Little Collins-street, Melbourne	37507	12	8, 12, 14, 15, 71, 116, 118-120, 143-145, 158-167, 200
White, Geo., & Co.	280 Post Office-place, Melbourne	37508	10	920, 921
Wiggins, Teape, & Alex. Pirie (Export) Ltd.	206 Queen-street, Melbourne	37504	46	2485, 2542
Wilkinson Heywood & Clark (Melbourne Branch)	161 Flinders-lane, Melbourne	37506	3	1894, 1895, 1898, 1900
Woolcott & Mackie Pty. Ltd.	270 Lonsdale-street, Melbourne	37505	33	2496, 2517, 2531-2535, 2543, 2544
Workshops Manager	Arden-street, North Melbourne	..	..	45, 69, 180, 193, 825
Wurcker, Max., Ltd.	376 Flinders-street, Melbourne	37501	7	2589, 2599
Yencken, E. L., & Co. Pty. Ltd.	384 Little Collins-street, Melbourne	37510	16	1871A, 1892, 1897, 1899, 1905, 1906, 1930, 1941, 1947, 1961, 1963, 1964, 1969, 1972, 1973, 1975, 1976A, 1977, 2343
Young, Arthur	Spring Vale	37512	11	1166, 1167A, 1169
Young, Peter	363 Little Lonsdale-street, Melbourne	37511	15	1150, 1165A, 1171, 1172, 1205
Zevenboom, J., & Co. . . .	333 Elizabeth-street, Melbourne	37513	21	2021-2025, 2031, 2034, 2040, 2041, 2046, 2050, 2055, 2057A, 2059, 2060, 2065, 2066, 2068-2070, 2072, 2074, 2075, 2077-2081
Zwicker, Theo.	187 King-street, Melbourne	37514	..	3411

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

SUNDRY IRONMONGERY.

Name of Manufacturer—

- Item No. 29—Kynock.
- Item No. 39—The Stephenson Manufg. Co.
- Items 46-50—Oakley and Son.
- Items 61-63—Bishop and Co.
- Item No. 128—Hjorth.
- Item No. 137—Nixey.
- Item No. 181—Salters.
- Items 186-188—Brooker, Dore and Co
- Item No. 190—Kitchens.
- Item No. 192—Reckitts.
- Item No. 205—Hartshorn.

As regards Item No. 178, the Locks supplied shall be made so as not to allow the key to be withdrawn while the shackle is unlocked and the Locks supplied shall be strictly in accordance with departmental sample.

Specification.—Portable Platform Weighing Machine, 10 cwt. capacity, to weigh in Imperial Avoirdupois Standard of cwt., grs., and lbs. All iron construction fitted with relieving gear and mounted on four wheels and fitted with back rail. All knife edges and bearings to be of hardened steel. Platform to be 4 ft. 2 in. x 2 ft. 8 in., and chequered to prevent slipperiness.

Boiler, Copper.—The boilers shall be stamped out of one piece copper weighing not less than (approx.) 1½ lb. per sq. foot.

Case Hardening Composition must be of the best quality and suitable for the case hardening of Wrought Iron or Mild Steel, and must be free from dust and other impurities.

As regards item No. 50, the rate is excluding duty.

1. Balls, Steel, ½"	.. .. .	U.S.A.	50 doz.	dozen	0 0 2	} Rosenfeld, Hillas, and Co. Pty. Ltd.
1A. Balls, Steel, ¼"	.. .. .	"	50 "	do.	0 0 3	
2. Balls, Steel, ¾"	.. .. .	"	20 "	do.	0 3 0	} Nil
2A. Balls, Steel, 1"	.. .. .	"	20 "	do.	.. .. .
3. Balls, Steel, ⅝" to ½", as ordered	.. .. .	U.S.A.	100 "	do.	0 0 9	} Rosenfeld, Hillas & Co. Pty. Ltd.
†4. Bars—Locking, galvanized, any lengths ordered up to 12"	.. .. .	Gt. Brit.	100	each	0 3 9	
†4A. Basins, Enamelled, quart, for paste, 6½"	.. .. .	"	200	do.	0 1 2	} Briscoe & Co. Ltd.
†5. Basins, Enamelled, Washhand, 16" "Ker"	.. .. .	Sweden	75	do.	0 5 3	
†5A. Basins, Enamelled, Washhand, 12"	.. .. .	Gt. Brit.	.. .. .	do.	0 1 7	} E. Duckett & Sons
6. Bellows, Moulders'	.. .. .	Aust.	30	do.	0 5 6	
*7. Bells, Platform	.. .. .	Gt. Brit.	15	do.	1 0 0	} E. Duckett & Sons
†8. Bells, Door, Rotary, Escutcheon, 65 D.	.. .. .	U.S.A.	50	do.	0 2 11½	
9. Boilers, Copper, blocked, 12 or 14 gallon capacity, as ordered	.. .. .	Aust.	1,000 lbs.	lb.	0 3 0	} Harvey, Shaw, & Drake Pty. Ltd.
*10. Bolts, Indicator, nickel plated	.. .. .	"	100	each	0 11 0	
†11. Bolts, Brass, barrel, 3" to 6", as ordered	.. .. .	Gt. Brit.	1,000 ins.	inch	0 0 4	} E. Duckett & Sons
†12. Bolts, Brass, flush, 3" to 6", as ordered	.. .. .	"	100 "	do.	0 0 4	
13. Bolts, Iron, tower, 3" to 12", as ordered	.. .. .	"	12,000 "	do.	0 0 1¼	} S. Cohen, Sons, & Co. Pty. Ltd.
14. Bolts, Iron, tower, 13" to 18", as ordered	.. .. .	"	300 "	do.	0 0 2	
15. Bolts, Iron, tower, 28"	.. .. .	"	60	each	0 4 0	} C. J. White & Sons Pty. Ltd.
†16. Bolts, Iron, ⅝" dia., galvanized, for Padlocks, "Brentons" pattern, any lengths ordered up to 12"	.. .. .	Aust.	800 ins.	inch	0 0 3	
*16A. Bottles, Glass, lubricator, No. 2	.. .. .	"	150	each	.. .. .	} Nil
*17. Boxes, Cash, 9", extra strong, Hobbs' locks	.. .. .	Aust.	60	do.	1 6 0	
*18. Boxes, Cash, 12", extra strong, Hobbs' locks	.. .. .	"	40	do.	1 10 6	} Briscoe & Co. Ltd.
†19. Brackets, Steel, Japanned, shelf measurement, any sizes ordered	.. .. .	Gt. Brit.	2,000 ins.	inch	0 0 0¾	
†20. Bricks, Air, galvanized, 9" x 3"	.. .. .	Aust.	20	each	0 0 9	} Briscoe & Co. Ltd.
21. Bricks, Air, galvanized, 9" x 6"	.. .. .	"	20	do.	0 1 2	
22. Bricks, Bath	.. .. .	Gt. Brit.	12 doz.	dozen	0 5 0	} S. Cohen, Sons, & Co. Pty. Ltd.
23. Buckles, Brass Roller, single, up to ¾", as ordered	.. .. .	"	90 "	do.	.. .. .
24. Buckles, Brass Roller, single, over ¾", as ordered	.. .. .	"	60 "	do.	.. .. .	} Nil
*25. Buckles, Black, Japanned, Double Roller	.. .. .	"	30 "	do.	.. .. .

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
SUNDRY IRONMONGERY—continued.					
26. Buttons, Iron, Japanned, 1½", 2", or 2½", as ordered	U.S.A.	30 doz.	dozen	0 0 6	J. Danks & Son Pty. Ltd.
27. Candles, Filter, "Berkfeld" pattern (Federal)	Aust.	50	each	0 6 0	Shanks & Co. Pty. Ltd.
28. Castors, Brassed, screw, in sets of 4, any sizes ordered	Gt. Brit.	50 sets	set	0 3 3	E. Duckett & Sons
†29. Cement liquid "Necol"	"	150 tubes	tube	0 0 8	Briscoe & Co. Ltd.
*30. Chain, Brass, Chandelier, heavy	"	10 doz. yds.	doz. yds.	0 4 5	E. Duckett & Sons
*31. Chain, Brass, Chandelier, light	"	10 "	do.	0 3 5	
†32. Chain, Brass, Jack, 6 to 18 gauge, as ordered. (To sample No. 16)	"	5 "	do.	0 3 3	} Paul & Gray Ltd.
†32A. Chain, Brass, Jack, 6 to 18 gauge, as ordered. (To sample No. 10)	"	5 "	do.	0 11 0	
33. Chain, Iron, Jack, any sizes ordered	"	10 "	do.	0 2 3	S. Cohen, Sons, & Co. Pty. Ltd.
33A. Chain for Vulcan Pipe Tongs, No. 31	U.S.A.	5 No.	each	0 3 11	McPherson's Pty. Ltd.
†34. Checks, Door, liquid, light, Briton A.	Gt. Brit.	10	do.	1 11 11	} E. Duckett & Sons
†35. Checks, Door, liquid, heavy, Briton C.	"	10	do.	2 6 0	
†36. Cleanser, Leather, Arabian Cream, "Castle"	Aust.	250 gals.	gallon	0 3 0	Wm. Adams & Co. Ltd.
*37. Clips, Way-bill	"	200 doz.	dozen	0 9 0	A. G. Way & Co.
*38. Cups, Drinking, with chain	"	50	each	0 2 10	S. Cohen, Sons, & Co. Pty. Ltd.
†38A. Composition, Case Hardening, fine or coarse	"	6 tons	ton	14 10 0	The Hardite Steel Hardening Co.
†39. Dressing, Belt, in 1-lb. sticks	U.S.A.	100 sticks	stick	0 3 0	Rosenfeld Hillas & Co. Pty. Ltd.
†40. Dusters, Chinese, No. 22	Aust.	40	each	0 1 1	E. Duckett & Sons
†41. Dusters, Feather, No. 26	Aust.	20	do.	0 1 1½	E. Duckett & Sons
†42. Dusters, Feather, No. 34	"	350	do.	0 1 3	Briscoe & Co. Ltd.
†43. Dusters, Feather, No. 46	"	350	do.	0 4 9½	} E. Duckett & Sons
†44. Dusters, Feather, No. 60	"	40	do.	0 4 0	
45. Doors, Furnace, 10" x 8", with frame for Coppers	"	30	do.	0 4 0	Workshops Mangr., Arden-street
46. Cloth, Emery, Nos. 00 to 3, as ordered	Gt. Brit.	4,500 qrs.	quire	0 2 9	E. Duckett & Sons
47. Cloth, Garnett, 6" wide, for Belt Sanding machine, any Nos. ordered, in rolls of 50 yards	"	50 rolls	roll	1 19 6	} Briscoe & Co. Ltd.
48. Emery, any Nos. ordered	"	750 lbs.	lb.	0 0 4	
49. Emery, Flour of	"	112 "	do.	0 0 2½	} E. Duckett & Sons
50. Paper, Glass, Nos. 00 to 3, as ordered	"	300 rms.	ream	*1 3 11	
51. Escutcheons, Brass, for Drawer Locks, any sizes ordered	"	20 doz.	dozen	0 0 8	Briscoe & Co. Ltd.
52. Eyes, Screw, iron, Nettlefolds Ltd., B 20	"	10 gross	gross	0 11 6	E. Duckett & Sons
53. Eyes, Screw, iron, Nettlefolds Ltd., C1 to 14	"	5 "	do.	0 4 0	Briscoe & Co. Ltd.
54. Fasteners, Belt, No. 1	"	500	100	..	} Nil
55. Fasteners, Belt, No. 3	"	500	100	..	
†56. Fasteners, Casement, Brass, drop-handle, No brass plate	Aust.	50	each	0 1 11	Briscoe & Co. Ltd.
†57. Fasteners, Sash, oxidized, 2½"	Gt. Brit.	30 doz.	dozen	0 4 9	S. Cohen, Sons, & Co. Pty. Ltd.
†58. Fanlight Openers, with cords, "Everready"	"	15 "	do.	2 9 0	E. Duckett & Sons
59. File Card Wire, Rubber, Cloth Back, 2" wide	"	40 feet	foot	0 0 8	McPherson's Pty. Ltd.
60. Fittings for Grindstones, complete, any sizes ordered	"	10 sets	set	0 5 5	S. Cohen, Sons, & Co. Pty. Ltd.
60A. Flint, Powdered, coarse	"	100 lbs.	lb.	..	} Nil
60B. Flint, Powdered, fine	"	100 "	do.	..	
†61. Glasses, Gauge, 1½" x 16½" long, suitable for Babcock and Wilcox boilers at 210 lbs. pressure, "Bishops" Adamant	Gt. Brit.	20 doz.	dozen	0 9 9	} Bell's Asbestos Austn. Agency Ltd.
†62. Glasses, Gauge, 3" x 17½" long, suitable for Babcock and Wilcox boilers at 170 lbs. pressure, "Bishops" Adamant	"	5 "	do.	0 11 3	
†63. Glasses, Lubricator, 1½" x 3½"	"	20 "	do.	0 4 3	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
SUNDRY IRONMONGERY—continued.					
†64. Glasses, Gauge, Flat, corrugated, 8 $\frac{3}{8}$ " long	..	Nil	dozen	..	Nil
†65. Glue, Granulated	Aust.	20 cwt.	cwt.	3 0 0	Davis Gelatine Pty. Ltd.
†66. Glue, London, Cake	"	20 "	do.	3 5 0	W. & G. Dean Pty. Ltd.
†67. Glue, Russian	"	5 "	do.	5 0 0	Davis Gelatine Pty. Ltd.
68. Grates, Coke, C.I., 14" or 16", as ordered..	"	10	each	0 4 9	S. Cohen, Sons, & Co. Pty. Ltd.
69. Grates, Furnace, 14" x 10", for Coppers ..	"	10	do.	0 3 9	Workshops Mangr., Arden-street
†70. Handles, Chest, japanned	Sweden	30 pairs	pair	0 0 9	Wm. Hartley Pty. Ltd.
*71. Handles, Iron, oxidized, Door Latch, "with circular slot	Aust.	60	each	0 3 11	C. J. White & Sons Pty. Ltd.
†72. Handles, Drawer, flush, brass, 2 $\frac{1}{2}$ ", 3", 3 $\frac{1}{2}$ ", or 4", as ordered	Gt. Brit.	1,200	do.	0 1 8 $\frac{1}{2}$	E. Duckett & Sons
†73. Handles, Drop, brass, 3" or 4", as ordered	"	100	do.	0 1 6	Briscoe & Co. Ltd.
†74. Hasps and Staples, Brass, No. 1262 ..	"	5 doz.	dozen	1 10 0	
†75. Hasps and Staples, japanned, up to 7", as ordered	"	2,500	each	0 0 3 $\frac{1}{4}$	
Hinges of any width, thickness, and strength ordered—					S. Cohen, Sons, & Co. Pty. Ltd.
†76. Bed or Back Flap, Iron, 1" to 3", as ordered	Sweden	500 pairs	pair	0 0 5	
Butt, Brass—					
†77. 1" to 1 $\frac{1}{2}$ ", as ordered	Gt. Brit.	300 "	do.	0 0 3	Wm. Hartley Pty. Ltd.
†78. Over 1 $\frac{1}{2}$ " to 2", as ordered	"	250 "	do.	0 0 4 $\frac{1}{2}$	E. Duckett & Sons
†79. 2 $\frac{1}{2}$ "	"	300 "	do.	0 0 6 $\frac{1}{2}$	
†80. 3 $\frac{1}{2}$ "	"	400 "	do.	0 0 10	
†81. 3 $\frac{1}{2}$ "	"	250 "	do.	0 2 6	
†82. 4"	"	40 "	do.	0 3 0	Briscoe & Co. Ltd.
†83. Iron, double-action, 5", No. 132 ..	"	10 "	do.	1 0 0	
†84. Iron, double-action, 6", No. 132 ..	"	10 "	do.	1 2 0	
†85. Butt, Cast Iron, 1" to 1 $\frac{1}{2}$ ", as ordered	"	50 "	do.	0 0 4	E. Duckett & Sons
†86. Butt, Cast Iron, over 1 $\frac{1}{2}$ " to 2" ..	"	50 "	do.	0 0 2	
†87. Butt, Cast Iron, 2 $\frac{1}{2}$ in	"	50 "	do.	0 0 4	
†88. Butt, Cast Iron, 3 $\frac{1}{2}$ "	"	20 "	do.	0 0 7 $\frac{1}{2}$	E. Duckett & Sons
†89. Butt, Cast Iron, 3 $\frac{1}{2}$ "	"	30 "	do.	0 0 9 $\frac{1}{4}$	
†90. Butt, Cast Iron, 4"	"	400 "	do.	0 0 11	
†91. Butt, Cast Iron, 4 $\frac{1}{2}$ "	"	50 "	do.	0 1 6	Briscoe & Co. Ltd.
†92. Butt, Cast Iron, 5"	"	50 "	do.	0 1 7	E. Duckett & Sons
†93. Butt, Steel, 1 in. to 2 in., as ordered	Sweden	1,200 "	do.	0 0 1 $\frac{3}{4}$	Rosenfeld Hillas & Co. Pty. Ltd.
†94. Butt, Steel, over 2" to 3", as ordered	"	2,300 "	do.	0 0 2 $\frac{1}{2}$	E. Duckett & Sons
†95. Butt, Steel, 3 $\frac{1}{2}$ "	"	100 "	do.	0 0 3 $\frac{3}{4}$	McPherson's Pty. Ltd.
†96. Butt, Steel, 4"	"	750 "	do.	0 0 5 $\frac{1}{4}$	Rosenfeld Hillas & Co. Pty. Ltd.
†97. Butt, Steel, 4 $\frac{1}{2}$ "	"	30 "	do.	0 0 9	S. Cohen, Sons, & Co. Pty. Ltd.
†98. Hinges, Gothic, Iron, extra strong, any lengths ordered	Gt. Brit.	15,000 ins.	inch	0 0 1 $\frac{1}{2}$	Briscoe & Co. Ltd.
*99. Hinges, Sanitary, N.P. Butterfly ..	Aust.	20 doz. pairs	dozen pairs	0 15 0	Wm. Hartley Pty. Ltd.
†100. Hinges, Strap, Bent or Straight, as ordered, any lengths ordered	Sweden	8,000 ins.	inch	0 0 0 $\frac{11}{16}$	Briscoe & Co. Ltd.
†101. Hinges, Spring, Helical, Double Action, 4", one blank and one spring hinge	Gt. Brit.	30 pairs	pair	0 15 0	E. Duckett & Sons
†102. Hinges, Spring, Helical, Single Action, 4" ..	"	20 "	do.	..	Nil
†103. Hinges, T—Iron, any lengths ordered ..	Aust.	50,000 ins.	inch	0 0 0 $\frac{1}{2}$	S. Cohen, Sons, & Co. Pty. Ltd.
104. Holders, Sanitary Paper	U.S.A.	100	each	0 0 6	Briscoe & Co. Ltd.
†105. Hooks, Hat and Coat, brass No. 110 ..	Aust.	5 doz.	dozen	0 11 0	
†106. Hooks, Hat and Coat, iron, oxidized No. 110	"	200 "	do.	0 2 9	Wm. Hartley Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
SUNDRY IRONMONGERY—continued.					
†107. Hooks, Hat and Coat, iron, japanned ..	Aust.	60 doz.	dozen	0 2 7	S. Cohen, Sons, & Co. Pty. Ltd.
108. Hooks, Screw or Cup, as ordered, brassed, any sizes ordered ..	Gt. Brit.	350 "	do.	0 0 8½	Briscoe & Co. Ltd.
109. Hooks, Wall, brass-capped ..	"	5 "	do.	0 1 6	S. Cohen, Sons, & Co. Pty. Ltd.
†110. Hooks and Eyes, Cabin, brass, 2" to 6", as ordered ..	"	250 ins.	inch	0 0 4	Briscoe & Co. Ltd.
†111. Hooks and Eyes, Brass, any sizes ordered ..	"	20 doz.	dozen	0 1 6	
†112. Hooks and Eyes, Steel, 3" to 6", as ordered ..	"	20 "	do.	0 1 1	
†113. Hooks and Eyes, wrought, 3" to 6", as ordered ..	"	20 "	do.	0 7 6	
*114. Jugs, Enamelled ..	Gt. Brit.	40	each	0 7 8	E. Duckett & Sons
115. Keys, for Rim Locks of any make ..	"	50 doz.	dozen	0 10 0	Briscoe & Co. Ltd.
116. Keys, for Mortise Locks of any make ..	"	30 "	do.	0 7 8	C. J. White & Sons Pty. Ltd.
117. Keys, Blanks, for Cylinder Action Locks, any make or pattern ordered ..	U.S.A.	300 "	do.	0 3 2	Briscoe & Co. Ltd
118. Keys, Blanks, Drawer Locks ..	Gt. Brit.	200 "	do.	0 3 5	C. J. White & Sons Pty. Ltd.
119. Keys, Blanks, Mortise Locks, any pattern ordered ..	"	75 "	do.	0 5 0	
120. Keys, Blanks, Safe Locks ..	"	50 "	do.	0 9 0	
†121. Knobs, Brass, shutter, 1½" ..	"	10 "	do.	..	Nil
†122. Knobs, iron, japanned, apron, any sizes ordered ..	Gt. Brit.	10 "	do.	0 2 9	Briscoe & Co. Ltd.
†123. Knobs, Brass, with Spindles, for Mortise Locks, 2¼" milled edge ..	"	150 sets	set	0 2 9	J. G. Black
†124. Knobs, Brass and Spindles for Rim Locks, 2¼" milled edge ..	"	300 "	do.	0 2 9	
125. Ladles, Lead, Wrought-iron, 4" ..	"	10	each	0 1 2	Briscoe & Co. Ltd.
126. Ladles, Lead, Wrought-iron, 6" ..	"	10	do.	0 1 11	McPherson's Pty. Ltd.
†127. Lamps, Hurricane, "Dietz" ..	U.S.A.	150	do.	0 3 10½	E. Duckett & Sons
†128. Lamps, Paint burning off, 1 Pint, Primus, Kerosene ..	Sweden	30	do.	0 12 5	McPherson's Pty. Ltd.
†129. Lamps, Trackwalker's, "Rayo," No. 215 ..	U.S.A.	50	do.	0 8 6	Vacuum Oil Co. Pty. Ltd.
*130. Lamps, Office ..	"	120	do.	..	Nil
*131. Lamps, Table ..	"	120	do.	..	
132. Latches, Gate, American, mortise, No. 1 ..	Aust.	200	do.	0 0 4½	Paul & Gray Ltd.
133. Latches, Gate, American, surface ..	"	250	do.	0 0 7	E. Duckett & Sons
134. Latches, Norfolk ..	Gt. Brit.	60	do.	0 0 10	J. Danks & Son Pty. Ltd.
†135. Latches, Night, cylinder action, triplicate keys ..	"	30	do.	0 7 8	E. Duckett & Sons
†136. Latches, Spring, Cupboard, small ..	U.S.A.	5 doz.	dozen	0 7 0	J. Danks & Son Pty. Ltd.
†137. Lead, Black, powdered, in ¼-lb. packages ..	Gt. Brit.	200 lbs.	lb.	0 0 8½	Briscoe & Co. Ltd.
138. Lifts—Sash, brass ring, No. 208½ ..	Aust.	650	each	0 0 3½	J. Danks & Son Pty. Ltd.
139. Lifts—Sash, hook ..	"	400	do.	0 0 1¼	
†140. Lifts—Sash, flush, 2" to 3", brass, as ordered ..	"	100	do.	0 1 3	Sturtevant & Bedford Pty. Ltd.
141. Links, Split, ⅝" or ¾", as ordered ..	"	20 lbs.	lb.	0 0 9	E. Duckett & Sons
†142. Lock Sets; 4" mortise, with oxidized iron furniture ..	"	250 sets	set	0 4 8	J. Danks & Son Pty. Ltd.
Locks, Box, Brass, with duplicate keys (keys to differ or pass, as ordered), 2-lever—					
†143. 1½" to 2", as ordered, "Legges" ..	Gt. Brit.	20	each	0 2 9	C. J. White & Sons Pty. Ltd.
†144. 3", "Legges" ..	"	30	do.	0 3 6	
†145. Locks, Cut Cupboard, Brass, R. or L. hand, as ordered, with duplicate keys (keys to differ or pass, as ordered), 2-lever, 3", "Legges" ..	"	20	do.	0 3 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
SUNDRY IRONMONGERY—continued.					
Locks, Pad, Brass, Cylinder action, with duplicate keys (keys to differ or pass, as ordered)—					
† { 146. 1"	Gt. Brit.	200	each.	0 4 2	} S. Cohen, Sons, & Co. Pty. Ltd.
† { 147. 1½"	"	250	do.	0 4 3	
† { 148. 1½" No. 027.	"	300	do.	0 5 5	
† { 149. 1½"	"	10	do.	0 6 4	
† { 150. 2"	"	100	do.	0 7 10	} S. Cohen, Sons, & Co. Pty. Ltd.
† 151. Locks, Pad, Brass, cylinder action, with triplicate keys (keys to differ or pass), 2"		100	do.	..		Nil
152. Nil.					
Locks, Pad, Brass, with duplicate keys—					
† 153. 1" or 1½", as ordered, 4-lever	Aust.	80	do.	0 5 6	Wm. Hartley Pty. Ltd.
Locks, Pad, Iron or Brass, as ordered, "Barron" type—					
† { 154. 2"		800	do.	..	} Nil
† { 155. 2½"		1,450	do.	..	
Locks, Rim, Iron, with furniture complete, 3 bolts—					
† { 156. 6"		220	do.	..	} Nil
† { 157. 7"		20	do.	..	
Locks, Straight Cupboard, Brass, with duplicate keys (keys to differ or pass, as ordered), 2-lever, "Legges"—					
† { 158. 2"	Gt. Brit.	50	do.	0 2 3½	} C. J. White & Sons Pty. Ltd.
† { 159. 2½"	"	500	do.	0 2 9	
† { 160. 3"	"	250	do.	0 2 10	
Locks, Till, Brass, "Hobbs" pattern, with duplicate keys (keys to differ or pass, as ordered), 2-lever, "Legges"—					
† { 161. 1½" to 2", as ordered	"	20	do.	0 2 4	} C. J. White & Sons Pty. Ltd.
† { 162. 2½"	"	300	do.	0 2 9	
† { 163. 3"	"	500	do.	0 2 11	
Locks, Till, Brass, "Hobbs" pattern, with duplicate keys (keys to differ or pass, as ordered), 4-lever, "Legges"—					
† { 164. 2½"	"	10	do.	0 3 9	} Nil
† { 165. 3"	"	50	do.	0 3 11	
† { 166. Locks, Iron, Cupboard or Box, as ordered; tumbler, 2" to 3", as ordered	"	50	do.	0 0 11½	} E. Duckett & Sons
† { 167. Locks, Iron, Cupboard or Box, as ordered, tumbler, 4"	"	25	do.	0 1 0	
† 168. Locks, Iron, Dead, 6"	"	20	do.	0 2 0	
† 169. Locks, Iron, Mortise, rebated with brass furniture		25	do.	..	
† 170. Locks, Mortise, Iron, 5", 2 bolts		100	do.	..	
† 171. Locks, Mortise, Iron, 6", 2 bolts	Gt. Brit.	80	do.	0 4 0	Paul & Gray Ltd.
† 172. Locks, Mortise, Iron, Spring, 1½", single or double action, as ordered	"	150	do.	0 4 5	Briscoe & Co. Ltd.
Locks, Cylinder Action, Cupboard or Drawer, as ordered—					
† { 173. "Vaughan's," ¾" dia.	Gt. Brit.	10	do.	0 6 9	} Briscoe & Co. Ltd.
† { 174. "Vaughan's," 1½" dia.	"	10	do.	0 8 9	
† { 175. Nil					
Locks, Carriage Door—					
* { 176. 1½"		30	do.	..	} Nil
* { 177. 1¼"		10	do.	..	
* 178. Locks, Switch, fitted with steel shackle and chain, one key each, keys to pass	Aust.	450	do.	0 5 11	Wm. Hartley Pty. Ltd.
* 179. Lubricators, Glass	Gt. Brit.	250	do.	0 0 5½	McPherson's Pty. Ltd.
180. Machines, Weighing, 10 cwt.	Aust.	10	do.	30 0 0	Workshops Mangr., Arden-street
181. Balances, Spring, Railway Parcels, 56 lbs. x 4 oz., with enamelled dial, and platform 14" x 9"	Gt. Brit.	200	do.	1 10 11	} E. Duckett & Sons
† 182. Mops, Cotton, 16 oz.	"	250 doz.	dozen	0 18 5	
183. Pots, Glue, C.I., No. 3	"	10	each	0 8 11	Briscoe & Co. Ltd

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
SUNDRY IRONMONGERY—continued.					
*184. Plates and Dowels, Brass, any sizes ordered		20 doz.	dozen	.. ..	Nil
†185. Plates, Brass, glass	Gt. Brit.	5 "	do.	0 1 0	Briscoe & Co. Ltd.
Plates, tinned—					
Iron, Charcoal, 20" x 14", 112 sheets per box, or 20" x 28", 56 sheets per box, as ordered—					
186. lxx	"	40 boxes	box	2 2 0	} E. Duckett & Sons
187. lxxx	"	30 "	do.	2 8 0	
188. lxxxx	"	15 "	do.	2 14 0	
189. Steel, any sizes and gauges ordered	"	1 cwt.	cwt.	.. ..	Nil
†190. Polish Metal, "Kitchens"	Aust.	4,000 tins	tin	0 0 6	Briscoe & Co. Ltd.
†191. Polish, "Usit"	"	2,000 cakes	doz. cks.	0 3 10	S. Cohen, Sons, & Co. Pty. Ltd.
†192. Polish, Stove, "Zebra"	"	20 tins	tin	0 0 4½	Briscoe & Co. Ltd.
193. Pots, C.I., Melting, 4" or 6", as ordered	"	500 lbs.	lb.	0 0 4½	Workshops Mangr., Arden-street
194. Pulleys, Crown, 2", Galv., all steel, single adjustable	Gt. Brit.	10 gross	gross	11 0 0	} McKenzie & Holland (Aust.) Pty. Ltd.
*195. Pulleys, Crown, 2", Galv., all steel, double adjustable	"	10 "	do.	12 2 6	
196. Pulleys, Crown, 2", Galv., all steel, treble adjustable	"	10 "	do.	14 0 0	
†197. Pulleys, Iron, japanned, lazy, 1½"	"	25 "	each	0 0 6½	E. Duckett & Sons
†198. Pulleys, Iron, japanned, upright, 2" or 3"	"	50 "	do.	0 0 7	Briscoe & Co. Ltd.
†199. Pulleys, Sash, iron, any sizes ordered	"	1,000 "	do.	.. ..	Nil
200. Pulls, Drawer, brass, any sizes ordered	Gt. Brit.	3 gross	gross	1 15 0	C. J. White & Sons Pty. Ltd.
†201. Pulls, Door, iron oxidised, 6", No. 690	Aust.	6 "	do.	3 16 6	Briscoe & Co. Ltd.
202. Rings, Iron, tinned, 2"	"	5 doz.	dozen	.. ..	Nil
*203. Rollers, Gunmetal, slotted, for window sashes	Aust.	12 "	do.	1 5 6	S. Cohen, Sons, & Co. Pty. Ltd.
*204. Rollers, Sash, japanned, ¾" to 1", as ordered	Gt. Brit.	2 "	do.	0 2 8	Briscoe & Co. Ltd.
†205. Rollers, Wooden, Spring, blind, complete, 48", 1½" dia. "Hartshorn"	U.S.A.	100 "	do.	1 10 0	} Wm. Hartley Pty. Ltd.
†205A. Rollers, Wooden, Spring, blind, complete, 36", 1½" dia. Hartshorn.	"	50 "	do.	1 8 0	
*206. Rollers, Tin, Spring, blind	"	10 "	do.	6 0 0	S. Cohen, Sons, & Co. Pty. Ltd.
*207. Scissors, Lamp	Gt. Brit.	30 pairs	pair	0 3 3	Briscoe & Co. Ltd.
†208. Scissors, Office, 6½"	"	260 "	do.	0 2 5	E. Duckett & Sons
*209. Scuttles, Coal, japanned	"	30 "	each	.. ..	Nil
*210. Seals, Truck	"	Nil.	1,000	.. ..	Nil
211. Shovels, Cinder	Aust.	100 "	each	0 0 9½	S. Cohen, Sons, & Co. Pty. Ltd.
*212. Sinks, Cast Iron, galvanized, 24"	"	10 "	do.	.. ..	Nil
213. Staples, Box, for Rim Locks, 5" to 6", as ordered	Gt. Brit.	5 doz.	dozen	0 12 0	} Briscoe & Co. Ltd.
*214. Steel, Crinoline, ¾" or ⅝" wide, as ordered, any gauge ordered	"	20 cwt.	cwt.	4 10 0	
†215. Springs, Gate, iron, 7"	"	20 "	each	.. ..	Nil
†216. Springs, Door, spiral, 9", 10", or 11", as ordered	U.S.A.	30 "	do.	0 1 2	E. Duckett & Sons
†217. Springs, Tail, for gates, 22" or 24", as ordered	Gt. Brit.	50 "	do.	0 4 0	Briscoe & Co. Ltd.
†218. Stays, Casement, "Combination"	Aust.	20 doz.	dozen	1 0 0	J. Danks & Son Pty. Ltd.
219. Stoves, "Dumpy," No. 2	"	10 "	each	1 7 6	} S. Cohen, Sons, & Co. Pty. Ltd.
220. Stoves, "Dumpy," No. 3	"	10 "	do.	1 12 0	
221. Tanks, Black Iron, 400 gal., with lid	"	20 "	do.	.. ..	Nil
222. Turns, Cupboard, brass	Gt. Brit.	10 doz.	dozen	0 5 11	Briscoe & Co. Ltd.
*223. Type, Dating, Lead	Aust.	100 lbs.	lb.	0 9 6	R. Collie & Co. Pty. Ltd.
*224. Type, Steel, Figures 0 to 9, as ordered	"	100 "	each	.. ..	} Nil
*225. Type, Steel, Letters, double, in sets of 12	"	15 sets	set	.. ..
225A. Washers, Brass, ½"	"	12 gross	gross	.. ..
†226. Wire, Picture, heavy, in packets of 25 yards	Gt. Brit.	20 pkts.	packet	0 0 9	Briscoe & Co. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor
				£ s. d.	
SUNDRY IRONMONGERY (TOOLS, ETC.)—continued.					
Chisels, Firmer (handled)—					
263. 1", "Woodcock, Sons, & Co."	Gt. Brit.	10 doz.	dozen	0 9 4	McPherson's Pty Ltd.
264. 1", "Woodcock, Sons, & Co."	"		do.	0 9 6	
265. 1", "Woodcock, Sons, & Co."	"		do.	0 10 2	
266. 1", "Woodcock, Sons, & Co."	"		do.	0 11 3	
267. 1", "Woodcock, Sons, & Co."	"		do.	0 11 8	
268. 1", "Woodcock, Sons, & Co."	"		do.	0 12 9	
269. 1", "Woodcock, Sons, & Co."	"	do.	0 14 3		
Chisels, Socket (handled)—					
270. 1", "Mathieson's"	"	30 doz.	do.	1 2 6	E. Duckett & Sons
271. 1", "Mathieson's"	"		do.	1 3 5	
272. 1", "Mathieson's"	"		do.	1 4 0	
273. 1", "Mathieson's"	"		do.	1 4 11	
274. 1", "Mathieson's"	"		do.	1 6 3	
275. 1", "Mathieson's"	"		do.	1 9 0	
276. 1", "Mathieson's"	"	5 doz.	do.	1 10 6	
277. 1 1/2", "Mathieson's"	"		do.	1 16 0	
278. 1 1/2", "Mathieson's"	"		do.	2 0 0	
†279. Forks, Digging, 5 prong, "Jas. Potts & Sons," "Cherrytree"	"	150	each	0 5 1	McPherson's Pty Ltd.
†280. Forks, Stone, 8 prong, "Wallingford Mfg. Co."	U.S.A.	120	do.	0 8 1	
†281. Frames, Hack-saw, any sizes ordered	"	5	do.	..	Nil
†282. Frames, Hack-saw, adjustable, "Union Hardware Co."	U.S.A.	120	do.	0 1 7	E. Duckett & Sons
†283. Gimlets, any sizes ordered, "Parsons & Co."	Gt. Brit.	200	do.	0 0 4	McPherson's Pty Ltd.
†284. Hammers, Cast Steel, Claw, Nos. 5 to 7, as ordered, "Chency's"	U.S.A.	350	do.	0 4 6	Paul & Gray Ltd.
†285. Hammers, Cast Steel, Sledge, double-faced, 4 to 16 lbs., as ordered, "Brade's"	Gt. Brit.	800 lbs.	lb.	0 0 4 1/2	E. Duckett & Sons
†286. Hammers, Cast Steel, Engineers', hand, any sizes ordered, "Brade's"	"	500 "	do.	0 0 7 1/2	McPherson's Pty Ltd.
Handles, Hammer, 1st quality, American Hickory—					
†287. 30"	"	5 gross	gross	..	Nil
†288. 36"	"	50 "	do.	..	
†289. 38"	"	10 "	do.	..	
†290. Handles, Scythe	U.S.A.	10 doz.	dozen	4 0 0	E. Duckett & Sons
†291. Hatchets, axe pattern "Brade's" No. 2	Gt. Brit.	360	each	0 2 9	
†292. " " Lathing, No. 3, "Brade's" 688	"	80	do.	0 3 5	Briscoe & Co. Ltd.
†293. Hooks, Bush, axe-handled, "Whitehouse" 668	"	5	do.	0 6 6	Paul & Gray Ltd.
†294. Hooks, Fern, No. 264, "Brade's"	"	36	do.	0 3 9	McPherson's Pty Ltd.
†295. Irons, Soldering, 1 1/2 lbs.	Aust.	40	do.	0 3 5	S. Cohen, Sons, & Co. Pty. Ltd.
†296. Irons, Soldering, 2 lbs.	"	100	do.	0 4 7	
297. Jacks, Lifting, Bottle, 10 tons capacity, "Willett's. jr."	Gt. Brit.	20	do.	1 14 0	E. Duckett & Sons
298. Jacks, Lifting, Bottle, 5 tons capacity, "Holt & Willett"	"	20	do.	0 19 9	S. Cohen, Sons, & Co. Pty. Ltd.
299. Jacks, Rack and Pinion (German type), 10 tons lifting capacity, "Trewhella"	Aust.	50	do.	11 13 0	McPherson's Pty Ltd.
300. Jacks, Rack and Pinion (German type), 5 tons lifting capacity, "Trewhella"	"	25	do.	7 7 6	
301. Jacks, "Trewhella," for track gangs, 40 cwt. lifting capacity	"	100	do.	2 12 6	
†302. Knives, Shoemakers', "A. Field & Co."	Gt. Brit.	50	do.	0 0 7	Trewhella Bros. Pty. Ltd.
†303. Levels, Spirit, 8", "Rabone's"	"	60	do.	0 1 5	E. Duckett & Sons
†304. " " 24", No. 0, "Stanley"	U.S.A.	40	do.	0 5 2 1/2	McPherson's Pty Ltd.
†305. " " 30", No. 0, "Stanley"	"	20	do.	0 5 2 1/2	
†306. Mattocks, "Brade's" No. 1332, 4 1/2 lbs.	Gt. Brit.	100	do.	0 3 5	S. Cohen, Sons, & Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.		Name of Contractor.
				£	s. d.	
SUNDRY IRONMONGERY (TOOLS, ETC.)— <i>continued.</i>						
307. Needles, Machine, any sizes and makes ordered	..	..	..	..	..	Nil
†308. Oilers, Zinc, long or short spout, as ordered, No. 1	U.S.A.	300	each	0	0 7½	S. Cohen, Sons, & Co. Pty. Ltd.
†309. Picks, Miners', 4½ lbs., "Brade's"	Gt. Brit.	80	do.	0	3 6	McPherson's Pty. Ltd.
†310. Picks, Navy, double ended, diamond and chisel pointed, 7 lbs., "Brade's"	"	50	do.	0	3 0	E. Duckett & Sons
†311. Planes, Jack, 2", "Highgate Tool Co."	"	10	do.	0	11 3	McPherson's Pty. Ltd.
†312. Planes, Jack, 2¼", "Highgate Tool Co."	"	10	do.	0	12 4	
†313. Planes, Smooth, 2", "Mathieson's"	"	10	do.	0	8 7	
†314. Planes, Smooth, 2¼", "Mathieson's"	"	10	do.	0	9 10	
†315. Planes, "German" Jack, 2", "Mathieson's"	"	60	do.	0	10 0	E. Duckett & Sons
†315A. Trowels, Bricklayers', W.H.S., "Brade's" No. 203, 12"	"	20	do.	0	4 7	
†315B. Trowels, Plasterers', W.H.S.	"	10	do.	0	4 4	
†315C. Trowels, Gauge, W.H.S.	"	10	do.	0	3 2	McPherson's Pty. Ltd.
†316. Pliers, 5" to 8", round or square-nosed, and cutting, as ordered, "Prodam" No. 43	"	650 pairs	pair	0	1 11½	E. Duckett & Sons
†316A. Pliers, Gas, 8"	"	24 "	do.	0	2 0	McPherson's Pty. Ltd.
†317. Pliers, 10", square-nosed and cutting	"	60 "	do.	0	2 5½	
†318. Rakes, Steel, handled, any sizes ordered "Welland Vale Manfg. Co."	Canada	5,000 ins.	per in. in width	0	0 4	S. Cohen, Sons, & Co. Pty. Ltd.
†319. Rules, Box, 2' fourfold, "Rabone's" 1380	Gt. Brit.	500	each	0	1 5½	E. Duckett & Sons
†320. Screwdrivers, any sizes ordered, "Marple's"	"	750 ins.	in. of blade	0	0 2½	S. Cohen, Sons, & Co. Pty. Ltd.
321. Scythes, Blades only, ordinary, 30" to 40", as ordered, "Tyzack's"	"	400	each	0	5 5	E. Duckett & Sons
322. Scythes, Blades only, Bramble, 24" to 28", "Tyzack's"	"	75	do.	0	6 9	Paul & Gray Ltd.
Shovels, Steel, round or square mouth, as ordered, any Nos. ordered—						
†323. Long handled, "Brade's," square mouth only	"	700	do.	0	7 1	McPherson's Pty. Ltd.
†323A. Long handled, "Parkes" Wheel Brand No. 3, for round mouth only	"	700	do.	0	7 0	Mining Supplies Co.
†324. Short handled	"	700	do.	..	..	Nil
†325. Shovels, Steel, Moulders', smooth back, No. 2, "Brade's"	Gt. Brit.	100	do.	0	6 10	Mining Supplies Co.
†326. Shovels, Steel, Navy, round mouth, No. 4 "Parkes" Wheel Brand	"	1,250	do.	0	6 6	E. Duckett & Sons
†327. Shovels, Steel, square mouth, No. 3, "Brade's" No. 1153	"	2,000	do.	0	7 1	McPherson's Pty. Ltd.
†328. Shovels, Steel, Fuelman's, No. 6, "Brade's"	"	300	do.	0	8 9	Mining Supplies Co.
†329. Shovels, Steel, Fuelman's, No. 8	"	50	do.	..	..	Nil
†330. Shovels, Fireman's, 17" x 7½"	Aust.	1,000	do.	0	7 6	Tulloch's Phoenix Iron Works Ltd.
331. Snips, Steel, 6" to 14", as ordered	Gt. Brit.	100 ins.	inch	0	0 3	
†332. Slashers, straight handled, "Whitehouse's Hedgehog" No. 2178	"	24	each	0	6 8	E. Duckett & Sons
†333. Stones, Oil, "Quickcut," 8" x 2" x 1", No. 1	U.S.A.	72	do.	0	1 6	S. Cohen, Sons, & Pty. Ltd.
†334. Stones, Oil, Turkey, unmounted, of uniform texture, "Washita" No. 2	"	5 lbs.	do.	0	1 10	Briscoe & Co. Ltd.
†335. Stones, Oil, Slips "Washita"	"	15	do.	0	0 9	McPherson's Pty. Ltd.
†336. Stones, Scythe, Carborundum, Oval, No. 191	"	30 doz.	dozen	0	12 0	E. Duckett & Sons
†337. Stones, "Quickcut," 8" x 2" x 1"	"	75	each	..	..	Nil
338. Spanners, Steel, "Clyburn," 6" to 8", as ordered	Gt. Brit.	2,000 ins.	inch	0	0 4½	E. Duckett & Sons
339. Spanners, Steel, "Clyburn," 9" to 14", as ordered	"	3,200 "	do.	0	0 4½	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
SUNDRY IRONMONGERY (TOOLS, ETC.)—continued.					
340. Spanners, Steel, "Clyburn," 15"	Gt. Brit.	40	each	0 5 11	E. Duckett & Sons
341. Spanners, Steel, "Clyburn," 16"	"	90	do.	0 6 10	
342. Spanners, Steel, "Clyburn," 18", "Kimberley"	"	100	do.	0 9 6	Briscoe & Co. Ltd.
343. Spanners, Steel, "Clyburn," 21"	"	15	do.	0 9 11	E. Duckett & Sons
344. Spanners, Steel, "Clyburn," 24"	"	60	do.	0 14 6	Briscoe & Co. Ltd.
345. Spanners, Steel, "Footprint," 6" to 8", as ordered, "Ellin & Co."	"	60 pairs	pair	0 1 4	McPherson's Pty. Ltd.
346. Spanners, Steel, "Footprint," 9" to 12", as ordered, "Ellin & Co."	"	150 "	do.	0 2 11½	
347. Spanners, Steel, "Footprint," 13" to 16", ordered, "Ellin & Co."	"	15 "	do.	0 4 3	E. Duckett & Sons
347A. Spanners, Set, 1½" x 7/16", "Whitworth Standard"	Aust.	24	each	0 2 0	Briscoe & Co. Ltd.
347B. Spanners, Set, 1½" x 5/8"	"	24	do.	0 2 0	McPherson's Pty.
347C. Spanners, Set, 3/8" x 1/16"	"	24	do.	0 1 6	Ltd.
348. Tubes, Spirit Level, 1½" x 3/8"	Gt. Brit.	2 doz.	dozen	0 3 9	Briscoe & Co. Ltd.
349. " " 2½" x 3/8"	"	5 "	do.	0 4 5	
†349A. Tomahawks, handled	"	2 "	do.	2 1 0	S. Cohen, Sons, & Co. Pty. Ltd.
Tapes, Metallic, with flush folding handles—					
350. 33 feet, in decimals of yards and feet "Rabone's"	"	40	each	0 7 7	E. Duckett & Sons
351. 66 feet, in decimals of yards and feet "Rabone's"	"	60	do.	0 10 6	
352. 33 feet in links and feet, "Rabone's"	"	25	do.	0 7 7	
353. 66 feet in links and feet, "Rabone's"	"	200	do.	0 10 6	
Tapes, Steel—					
354. 33 feet, in decimals of yards and feet, Rabones 415 x 3/8"	"	20	do.	0 15 0	E. Duckett & Sons
355. 66 feet, in decimals of yards and feet, Rabones 415 x 3/8"	"	40	do.	1 6 0	
356. 33 feet, in links and feet, Rabones	"	20	do.	0 13 11	
357. 66 feet, in links and feet, Rabones	"	10	do.	1 4 0	
Refills for Metallic Measuring Tapes—Rabones					
358. 33 feet, in decimals of yards and feet	"	5	do.	0 3 8	McPherson's Pty. Ltd.
359. 66 feet, in decimals of yards and feet	"	25	do.	0 5 10	
360. 33 feet, in links and feet	"	5	do.	0 3 8	Nil
361. 66 " " " "	"	40	do.	0 5 10	
†362. Vises, Pipe, as ordered, chain	"	5	do.	..	Nil
†363. Vises, Pipe, 2", hinged, self looking frame..	"	5	do.	..	
†364. Vises, Bench, 4" jaws, instantaneous, parallel (light type) "Dawn Mfg. Co."	Aust.	5	do.	1 4 9	McPherson's Pty. Ltd.
365. Vises, Blacksmith's, 5" jaw, staple, "Wilkinson's"	Gt. Brit.	5	cwt.	3 9 0	S. Cohen, Sons, & Co. Pty. Ltd.
†366. Vises, Blacksmith's, 6" jaw, staple, "Wilkinson's"	"	15	do.	3 9 0	
†367. Vises, Bench, 8" jaw, instantaneous parallel (light type) "Dawn Mfg. Co."	Aust.	15	each	5 8 0	McPherson's Pty. Ltd.
368. Vises, Bench, instantaneous, 6", parallel (heavy type.) "Dawn Mfg. Co."	"	36	do.	3 8 0	E. Duckett & Sons
†368A. Vises, Bench, instantaneous, 6", parallel (light type) "Dawn Mfg. Co."	"		do.	2 8 0	
369. Vises, Bench, instantaneous, 8", parallel, 150-lb. "Dawn Mfg. Co."	"	15	do.	5 7 3	Bevan & Edwards Pty. Ltd.
†369A. Vises, Bench, instantaneous, 7½", parallel, 133-lb. "Dawn Mfg. Co."	"		do.	4 6 9	
†370. Vises, Hand, 6" long, regular pattern. Highgate Co.	Gt. Brit.	25	do.	0 3 2	McPherson's Pty. Ltd.
†371. Vises, Hand, "Universal," 6"	"	5	do.	..	Nil

SAWS AND BLADES.

Name of Manufacturer—

Items 372-376—John Vessey and Sons Ltd., "Echo."

Item 377—Arthur Balfour and Co. Ltd.

Items 378-382M—Eagle and Globe Steel Co.

Items 383 and 386—Spear and Jackson Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per —	Rate.	Name of Contractor.
				£ s. d.	
SAWS AND BLADES—continued.					
372. Blades, Hack-saw, High Speed, 8" × 7/16" × 23 gauge	Gt. Brit.	250 doz.	dozen	*0 2 10	Coates & Co. Pty Ltd.
373. Blades, Hack-saw, High Speed, 9" × 1/2" × 23 gauge	"	500 "	do.	*0 3 2	
374. Blades, Hack-saw, High Speed, 10" × 1/2" × 23 gauge	"	1,000 "	do.	*0 3 6	
375. Blades, Hack-saw, High Speed, 12" × 9/16" × 23 gauge	"	1,500 "	do.	*0 4 6	
376. Blades, Hack-saw, High Speed, 17" × 1" × 18 gauge	"	200 "	do.	*0 14 6	
377. Blades, Hack-saw, High Speed, any length over 12", other than 17" as ordered	"	20,000 in.	inch	0 0 0	
Saws, Band, in coils, up to 108', and any gauge, as ordered—					
378. 1/2" to 1" as ordered	"	250 feet	foot	0 0 6	
379. 1 1/2" or 2" "	"	600 "	do.	0 0 7 1/2	
380. 3/4" or 1" "	"	180 "	do.	0 0 8 1/2	
381. Over 1" to 1 1/2" "	"	100 "	do.	0 1 0	
Saws, Circular, any gauge ordered—					
382. 24" diameter	Aust.	500 in.	each	1 3 7	Eagle & Globe Steel Co. Ltd.
382A. 26" "	"		do.	1 19 2	
382B. 28" "	"		do.	2 6 2	
382C. 30" "	"		do.	2 13 2	
382D. 32" "	"		do.	3 1 7	
382E. 34" "	"		do.	3 12 9	
382F. 36" "	"		do.	4 4 0	
382G. 42" "	"		do.	5 17 0	
382H. 44" "	"		do.	6 19 9	
382I. 48" "	"		do.	8 15 6	
382J. 54" "	"		do.	15 12 0	
382K. 60" "	"		do.	22 2 0	
382L. 66" "	"		do.	31 17 0	
382M. 72" "	"	do.	45 10 0		
383. Saws, Cross-cut, Lightning, any length ordered, Tasmanian Pattern, M. tooth or Peg and Raker tooth	Gt. Brit.	600 feet	lin. ft.	0 4 2	Hardware Co. of Aust. Pty. Ltd.
384. Saws, Hand, 26", any tooth, as ordered, "Premier"	"	40 "	each	0 8 6	Briscoe & Co. Ltd.
385. Saws, Rip, 28", any tooth, as ordered, "Premier"	"	40 "	do.	0 9 6	
386. Saws, Lightning, 1-man, any length, as ordered	"	500 feet	lin. ft.	0 3 10	Hardware Co. of Aust. Pty. Ltd.

* Less 3 1/4 % Discount.

FILES AND RASPS.

The estimated requirements are based on the full list price.
 The Files and Rasps for Items 387 and 388 shall be of any description, shape, length or edge ordered.
 Name of Manufacturer—

Items 387 and 388—Nicholson File Co.
 Items 387A and 388A—Cammell, Laird & Co. Pty. Ltd. "Cyclops"
 Items 389 and 390—Jonas & Colver.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per —	Rate.	Name of Contractor.
387. Files or Rasps, as ordered	U.S.A.	£2,000	}	59 1/2 per cent.	J. S. Kidd & Co. Pty. Ltd.
387A, Files, Engineers' as ordered	Gt. Brit.			57 1/2 per cent.	Cammell, Laird & Co. Ltd.

Percentage of the price lists submitted by Contractor and current from time to time during the currency of this contract.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
FILES AND RASPS—continued.					
388. Files, Saw	U.S.A.	£750	..	59½ per cent.	J. S. Kidd & Co. Pty. Ltd.
388A. Files, Saw, and Rasps, as ordered ..	Gt. Brit.		..	52½ per cent.	Cammell, Laird & Co. Ltd.
* 389. Files, Valve Rubber, bastard cut, 6" x 1½"	"	80	each	0 4 6	} McPherson's Pty. Ltd.
{ 390. Files, Valve Rubber, bastard cut, 7" x 1½"	"	30	do.	0 5 6	

GRINDSTONES AND ABRASIVE WHEELS.

Name of Manufacturer—

Items 391-393—Robert Saunders.

Items 395-453, 456-466, and 468-484—The Universal Grinding Wheel Co.

Grindstones of approved grit, soft, medium or hard, as ordered—					
391. 4" thick x 24" diameter	Aust.	50	each	0 17 6	} McPherson's Pty. Ltd.
392. 5" thick x 30" diameter	"	5	do.	1 19 0	
393. 7" thick x 48" diameter	"	10	do.	6 17 6	
394. 12" thick x 84" diameter	"	5	do.	..	
Wheels, Abrasive—					
The Grit is indicated by the number, and the Grain by the letter, shown in each Item.					
395. 20" dia. x 2½" thick x 1½" Arbor Hole, Coppersmiths' use, 24 P	Gt. Brit.	10	do.	4 6 9	} J. Danks & Son Pty. Ltd.
396. 20" dia. x 2½" thick x 1½" Arbor Hole, Bolts and Nuts, 16 to 20 Q	"	15	do.	4 6 9	
397. 20" dia. x 2½" thick x 1½" Arbor Hole, Steel Castings, 24 P	"	10	do.	4 6 9°	
398. 20" dia. x 2½" thick x 1½" Arbor Hole, Mild Steel Ferrules, 24 P	"	15	do.	4 6 9	
399. 20" dia. x 2½" thick x 1½" Arbor Hole, High Speed Lathe Tools, 30 O	"	12	do.	4 6 9	
400. 20" dia. x 2½" thick x 8" Arbor Hole, Small Lathe Tools, 36 O	"	12	do.	4 6 9	
401. 26" dia. x 1½" thick x 6" Arbor Hole, High Speed Lathe Tools, 36 Q	"	12	do.	4 10 9	
402. 18" dia. x 2" thick x 1½" Arbor Hole, Bolts and Nuts, 16 to 20 Q	"	12	do.	3 0 0	
403. 24" dia. x 3" thick x 1½" Arbor Hole, Grinding Iron Castings, 20 R	"	5	do.	7 5 0	
404. 24" dia. x 3" thick x 1½" Arbor Hole, Grinding High Speed Steel Tools, 24 P	"	10	do.	7 5 0	
405. 14" dia. x 5" x 2½" Arbor Hole, 16 to 20 K	"	10	do.	4 5 0	
406. 14" dia. x 2" x 1½" Arbor Hole, grit 20 P	"	5	do.	1 15 3	
407. 1" dia. x 1½" x ½" hole, 60 N	"	5	do.	0 1 9	
408. 12" dia. x 2" thick x 2" hole, Edge Tool Cutters, &c., 46 K	"	5	do.	1 5 8	
409. 12" dia. x 1" thick x 2" hole, Edge Tool Cutters, &c., 46 K	"	2	do.	0 15 0	
410. 12" dia. x ¾" thick x 2" hole, Edge Tool Cutters, &c., 46 K	"	5	do.	0 12 1	
411. 12" dia. x ⅝" thick x 2" hole, Edge Tool Cutters, &c., 60 K	"	2	do.	0 10 10	
412. 12" dia. x ½" thick x 2" hole, Edge Tool Cutters, &c., 60 K	"	2	do.	0 9 8	
413. 12" dia. x ¼" thick x 2" hole, Edge Tool Cutters, &c., 60 K	"	2	do.	0 7 2	
414. 12" dia. x ⅜" thick x ¾" hole, Circular Saws, 46 K	"	2	do.	0 7 11	
415. 10" dia. x ⅜" thick x ¾" hole, Metal Hand Saws, 46 K	"	2	do.	0 5 9	
416. 16" dia. x ⅜" thick x ¾" hole, Metal Hand Saws, 46 K	"	2	do.	0 14 5	
417. 5" dia. x 1" thick, Edge Tools, 46 K	"	2	do.	0 4 2	
418. 10" dia. x ⅞" thick, Milling Cutters, Taps, &c., 46 K	"	6	do.	0 10 10	
419. 10" dia. x ¾" thick, 46 K do.	"	15	do.	0 9 8	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.	
				£ s. d.		
GRINDSTONES AND ABRASIVE WHEELS—continued.						
<i>Wheels, Abrasive—continued—</i>						
420. 10" dia. x 1/2" thick, Milling Cutters, Taps, &c., 46 K	Gt. Brit.	2	each	0 7 9	J. Danks & Son Pty. Ltd.	
421. 10" dia. x 3/8" thick, Milling Cutters, Taps, &c., 46 K	"	2	do.	0 6 10		
422. 20" dia. x 2 1/2" thick, Edge Tools, 46 L	"	2	do.	4 6 9		
423. 12" x 1 1/2" x 5", Finishing Hardened Steel, 80 M	"	2	do.	1 17 0		
424. 12" x 1 1/2" x 5", Roughing Hardened Steel, 46 M	"	2	do.	1 17 0		
425. 12" x 1" x 5", Finishing Hardened Steel, 80 M	"	2	do.	0 15 0		
426. 12" x 1" x 5", Roughing Hardened Steel, 46 M	"	2	do.	0 15 0		
427. 12" x 2" x 5", Finishing Hardened Steel, recessed, 80 M	"	2	do.	1 5 8		
428. 12" x 2" x 5", Roughing Hardened Steel, recessed, 46 M	"	2	do.	1 5 8		
429. 12" x 1 1/4" x 5", Finishing Hardened Steel, 80 M	"	2	do.	0 18 0		
430. 12" x 1 1/4" x 5", Roughing Hardened Steel, 46 M	"	2	do.	0 18 0		
431. 12" x 3/4" x 5", Finishing Hardened Steel, 80 M	"	2	do.	0 12 1		
432. 12" x 3/4" x 5", Roughing Hardened Steel, 46 M	"	2	do.	0 12 1		
433. 12" x 1" x 5", Finishing Hardened Steel, 80 M	"	2	do.	0 9 8		
434. 12" x 1" x 5", Roughing Hardened Steel, 46 M	"	2	do.	0 9 8		
435. 12" x 1" x 5", Finishing for Grey Cast Iron, 36, K	"	2	do.	0 17 4		
436. 12" x 1" x 5", Roughing for Grey Cast Iron, 24, P	"	2	do.	0 17 4		
437. 12" x 7/8" x 5", Finishing for Hardened Steel, 80, M	"	2	do.	0 13 5		
438. 12" x 7/8" x 5", Roughing for Hardened Steel, 46, M	"	2	do.	0 13 5		
439. 6" x 1/2" x 1/2", Milling Cutters, 46, K	"	15	do.	0 3 10		
440. 4" x 1/2" x 1/2", High Speed Tools, 60, K	"	2	do.	0 2 3		
441. 7/8" x 1/2" x 1/2", " " 60, M	"	2	do.	0 0 9		
442. 1" x 1/2" x 1/2", " " 60, M	"	2	do.	0 0 9		
443. 6" x 1 1/2" x 1/2", " " 80, Elastic	"	2	do.	0 3 7		
444. 5" x 1 1/2" x 1/2", " " 60, K	"	2	do.	0 5 4		
445. 3 1/2" x 1 1/2" x 1/2", " " 60, K	"	2	do.	0 3 0		
446. 6" x 1 1/2" x 1/2", " " 46, J	"	2	do.	0 4 7		
447. 6" x 3/4" x 1/2", " " 60, K	"	2	do.	0 3 4		
448. 6" x 1/2" x 1/2", " " 60, K	"	2	do.	0 3 0		
449. 4" x 1/2" x 1/2", " " 60, K	"	2	do.	0 1 9		
450. 4" x 1/2" x 1/2", " " 80, Elastic	"	2	do.	0 1 9		
451. 12" x 1 1/2" x 1 1/2", Hardened Steel, 46, K	"	2	do.	1 0 5		
452. 12" x 1 1/2" x 1 1/2", Twist Drills, 46, L	"	2	do.	1 0 5		
453. 9 1/2" x 1 1/2" x 1 1/2", Twist Drills, 46, L	"	2	do.	0 15 10		
454. 10" x 1 3/8" x 3", Recessed, 5" x 1 1/8", C.H. Steel Pins	"	2	do.	..		
455. 8" dia. x 5" thick, Cup Edge Tools, Knives for Planers	"	2	do.	..		
456. 2 1/2" x 1 1/2" x 1/8", Lapping C.H. Pin Holes, 60, M	Gt. Brit.	2	do.	0 3 0		Nil
457. 2 1/2" x 1 1/2" x 1/8", Lapping C.H. Pin Holes, 46-60, JM	"	2	do.	0 2 10		
458. 3/4" x 1 1/2" x 1/8", Lapping C.H. Pin Holes, 46-60, JM	"	2	do.	0 1 10		
459. 1 1/2" x 1 1/2" x 1/8", Lapping C.H. Pin Holes, 60, M	"	2	do.	0 2 0		
460. 9" x 5" x 2 1/2", Cast Iron Axle Boxes, 24, L	"	6	do.	1 18 0		
461. 10" x 1/2" x 3/4", Fluting Taps, 80, M	"	12	do.	0 5 7		
462. 10" x 3/8" x 3/4", Fluting Taps, 80, M	"	12	do.	0 6 10		
463. 10" x 1/2" x 3/4", Fluting Taps, 80, M	"	2	do.	0 7 9	J. Danks & Son Pty. Ltd.	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
GRINDSTONES AND ABRASIVE WHEELS—continued.					
Wheels, Abrasive—continued.					
464. 18" dia. x 3" thick x 5" Arbor Hole, for Piston Rods (Churchill Grinder), 46, M	Gt. Brit.	2	each	4 2 0	J. Danks & Son Pty. Ltd.
465. 20" x 2½" x 1½", Spelter off B/S Tube, 24, Q, ..	"	2	do.	4 6 9	
466. 8" x 1" x 1", Cold Chisels, 24, P ..	"	9	do.	0 8 2	Nil
467. 36" x 3" x 21", Steel Castings ..	"	2	do.	..	
468. 20" x 2½" x 1½", Iron and Brass Castings, 20, Q, ..	Gt. Brit.	2	do.	4 6 9	J. Danks & Son Pty. Ltd.
469. 20" x 2½" x 1½", Iron and Brass Castings, 20, Q ..	"	2	do.	4 6 9	
470. 12" x 1½" x 1½", Finishing B/S Castings, 36, M ..	"	2	do.	1 0 5	J. Danks & Son Pty. Ltd.
471. 6" x ½" x ½", Mortice Chains, 80 Elastic, ..	"	2	do.	0 3 0	
472. 12" x ½" x ½", Wood Saws, 46, K ..	"	2	do.	0 9 8	J. Danks & Son Pty. Ltd.
473. 4½" x 1½" x ½", for Lapping Machine, 46-60, M O ..	"	2	do.	0 5 4	
474. 4" x 1½" x ½", for Lapping Machine, 46-60, MO ..	"	2	do.	0 3 11	J. Danks & Son Pty. Ltd.
475. 3" x 1½" x ½", for Lapping Machine, 46, M ..	"	2	do.	0 3 0	
476. 2½" x 1½" x ½", for Lapping Machine, 46-60, MO ..	"	2	do.	0 2 9	J. Danks & Son Pty. Ltd.
477. 2½" x 1½" x ½", for Lapping Machine, 60, M ..	"	2	do.	0 2 9	
478. 2" x 1½" x ½", for Lapping Machine, 46-60, MO ..	"	2	do.	0 2 5	J. Danks & Son Pty. Ltd.
479. 1½" x 1½" x ½", for Lapping Machine, 60, M ..	"	2	do.	0 2 5	
480. 1½" x 1½" x ½", for Lapping Machine, 60, M ..	"	20	do.	0 1 11	J. Danks & Son Pty. Ltd.
481. 1½" x 1½" x ½", for Lapping Machine, 60, M ..	"	3	do.	0 1 11	
482. 1½" x 1½" x ½", for Lapping Machine, 60, M ..	"	2	do.	0 1 11	J. Danks & Son Pty. Ltd.
483. 10" x ½" x ½", Cold Saws, 80, P ..	"	2	do.	0 5 7	
484. 3" x ½" x ½" hole, 60, K ..	"	2	do.	0 1 9	Nil
485. Cup, 5" x ½" x ½", Arbor Hole, 50 grit, O Grade ..	"	2	do.	..	
486. Saucer, 6" x ½" Camber x ½", Arbor Hole, 50 grit, O grade ..	"	2	do.	..	

NAILS, ETC.

Nails—					
487. Brads, Finishing, cut, ½" to ¾", as ordered	U.S.A.	2 cwt.	cwt.	6 19 0	Briscoe & Co. Ltd.
488. Brads, Finishing, cut, 1" to 3", as ordered	"	2 "	do.	5 15 0	
489. Brads, Moulders' ..	Gt. Brit.	6 "	lb.	0 0 4½	Rosenfeld, *Hillas, & Co. Pty. Ltd.
490. Chaplets, Box, ¾" to 1½", as ordered ..	"	224 lbs.	do.	0 1 3	
491. Chaplets, Malleable, cast, 2" to 4", as ordered	"	20 "	do.	..	Nil
492. Chaplets, W.I., 8" long x ¼", ¾", 1", ¾", 1" or 1½", as ordered ..	Gt. Brit.	112 "	do.	0 0 9	McPherson's Pty. Ltd.
493. Clout, Bright, ½" to 2" as ordered ..	Aust.	112 "	do.	0 0 6½	Briscoe & Co. Ltd.
493A. Clout, Galvanized, ½" to 2", as ordered	"	112 "	do.	0 0 8	
494. Copper, any sizes ordered ..	Aust & Gt. Brit.	224 "	do.	0 1 9½	E. Duckett & Sons Paul & Gray Ltd.
495. Copper, Slaters', any sizes ordered ..	Gt. Brit.	112 "	do.	0 2 8	Briscoe & Co. Ltd.
496. Galvanized, Slaters', any sizes ordered	Aust.	112 "	do.	0 0 8½	
Countersunk, Crown and W. brand or other approved make—					
497. 1½" or 1¾", as ordered ..	Gt. Brit.	1 cwt.	cwt.	4 3 0	E. Duckett & Sons
498. 2" or 2½", as ordered ..	"	20 "	do.	3 10 0	
499. Galvanized, Spring-head, for roofing, 2½" or 3", as ordered "Cookees" ..	Aust.	450,000	1,000	0 9 0	Nil
500. Pins, Brass, ½" to 1½", as ordered ..	"	28 lbs.	lb.	..	
501. Pins, Gimp, japanned, any sizes ordered	Gt. Brit.	1,500 "	do.	0 0 9½	S. Cohen, Sons, & Co. Pty. Ltd.
501A. " " white " " "	"	250 "	do.	..	Nil

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.			Name of Contractor.		
				£	s.	d.			
NAILS, ETC.— <i>continued.</i>									
Nails— <i>continued.</i>									
502. Pins, Panel, countersunk, $\frac{1}{2}$ " and upwards, as ordered, in 14-lb. bags ..	Aust.	15 cwt.	cwt.	2	9	0	Briscoe & Co. Ltd.		
503. Steel, Black, 4"	Gt. Brit.	25 "	do.	1	18	11			
504. Steel, Black, 5"	"	20 "	do.	1	16	5	E. Duckett & Sons		
505. Steel, Black, 6"	"	150 "	do.	1	16	5			
506. Steel, Black, 7"	"	60 "	do.	1	16	5			
507. Steel, Black, 8"	"	40 "	do.	1	16	5			
508. Steel, Galvanized, 3"	"	10 "	do.	2	15	0	Inglis, Smith & Co.		
509. Steel, Galvanized, 4" to 6", as ordered..	"	70 "	do.	2	14	0			
510. Tacks, Copper, any sizes ordered ..	"	2,500 lbs.	lb.	0	1	7 $\frac{1}{2}$	E. Duckett & Sons		
511. Tacks, Cut, blued, fine, any sizes ordered	"	5,000 "	do.	0	0	4 $\frac{7}{8}$			
512. Tacks, Cut, blue, stout do. do.	"		do.	0	0	4 $\frac{1}{2}$			
513. Tacks, Cut, tinned, best, any sizes ordered ..	"	2,500 "	do.	0	0	6 $\frac{3}{8}$			
514. Tacks, Coppered, Double-pointed, any sizes ordered	"	448 "	do.	0	1	0	S. Cohen, Sons, & Co. Pty. Ltd.		
515. Tacks, Wire, Clout, any sizes ordered..	Aust.	3,500 "	do.	0	0	4 $\frac{7}{8}$	S. Cohen, Sons, & Co. Pty. Ltd.		
516. Wire, Brads, Flooring, 10-gauge, any lengths ordered	"	5 cwt.	cwt.	1	4	4			
Wire, Rose-headed, any lengths ordered—"Gold Nail Works"—									
517. Nos. 4 to 7, as ordered	"	900 "	do.	1	1	5	E. Duckett & Sons		
518. No. 8	"			1	1	10			
519. No. 9	"			1	2	5			
520. No. 10	"			1	2	10			
521. No. 11	"			250 "	do.	1		3	10
522. No. 12	"					1		4	4
523. No. 13	"			80 "	do.	1		5	4
524. No. 14	"					1		7	4
525. No. 15	"	40 "	do.	1	9	0			
526. Wire Flat Head, 1", x 15 gauge	"	10 "	do.	1	9	0			
527. Wire Flat Head, 1 $\frac{1}{2}$ ", x 15 gauge	"	2 "	do.	1	9	0			
528. Wire Flat Head, 1", x 14 gauge	"	2 "	do.	1	7	4			
*529. Staples, Galvanized Wire, for fencing ..	"	5 "	do.	1	12	0	S. Cohen, Sons, & Co. Pty. Ltd.		
530. Staples, Galvanized Wire, $\frac{1}{2}$ ", $\frac{5}{8}$ ", or $\frac{3}{4}$ ", as ordered	"	5 "	do.	1	14	0	Titan Manfg. Co. Pty. Ltd.		

SCREWS AND SPLIT PINS.

The estimated requirements are based on the full list price.

Name of Manufacturer—

Items 531-536, 538, 539, 543, 545, 546, and 549-551—"Nettlefolds."

Item No. and Description.	Country of Manufacture.	Estimated Requirements	Rate per—	Rate.	Percentage of the price list submitted by contractor and current from time to time during the period of contract.	Name of Contractor.
Screws, any sizes ordered—						
531. Wood, Brass, countersunk, up to and including 12 gauge	Gt. Brit.	£2,500	..	16 $\frac{1}{2}$ %	}	E. Duckett & Sons
531A. Wood, Brass, countersunk, 13 to 18 gauge	"					
532. Wood, Brass, round head, up to and including 12 gauge	"	£150	..	16 $\frac{1}{2}$ %		
532A. Wood, Brass, round head, 13 to 18 gauge	"					
533. Wood, Brass, raised head	"	£50	..	5%		
534. Wood, Iron, countersunk	"	£2,000	..	35%		
535. Wood, Iron, round head, japanned ..	"	£20	..	35%		
536. Billiard Table, $\frac{1}{4}$ " to $\frac{1}{2}$ ", as ordered, any lengths ordered	"	10 gross	gross	3 0 0		
537. Stove, Brass, round, countersunk, or cheese head, as ordered, any sizes ordered	"	75 "	do.	0 6 9	T. Warburton	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
SCREWS AND SPLIT PINS—continued.					
<i>Screws—continued.</i>					
538. Stove, Iron, round or countersunk, as ordered, any sizes ordered	Gt. Brit.	750 gross	gross	0 3 0	E. Duckett & Sons
<i>Screws, Coach—</i>					
539. Square head, Gimlet pointed, 2" x 1/2"	"	10 cwt.	cwt.	2 10 0	A. Gilbert Tomlinson
540. Square head, Gimlet pointed, 2 1/2" x 1/2"	Aust.	15 "	do.	2 14 0	} McPherson's Pty. Ltd.
541. Square head, Gimlet pointed, 3" x 1/2"	"	5 "	do.	2 9 0	
542. Square head, Gimlet pointed, 5" x 1/2"	"	5 "	do.	1 16 0	
543. Square head, Gimlet pointed, any lengths ordered x 3/8"	Gt. Brit.	10 "	do.	3 9 0	A. Gilbert Tomlinson
544. Square head, Gimlet pointed, sizes other than Items 539 to 543 inclusive, in 1/2", 5/8", or 3/4" diameter, as ordered	Aust.	15 "	do.	2 10 0	McPherson's Pty. Ltd.
545. Square head, Patent pointed, 2 1/2" x 1/2"	Gt. Brit.	5 "	do.	2 5 0	} A. Gilbert Tomlinson
546. Square head, Patent pointed; 4 1/2" x 3/8"	"	5 "	do.	1 17 6	
547. Square head, Patent pointed, 5" x 1/2"	Aust.	5 "	do.	1 14 0	
548. Square head, Patent pointed, sizes other than Items 545 to 547 inclusive, as ordered.. .. .	"	10 "	do.	2 8 0	McPherson's Pty. Ltd.
Percentage off the price list submitted by contractor and current from time to time during the period of contract.					
549. Pins, Split, any sizes ordered	Gt. Brit.	£600	..	40%	A. Gilbert Tomlinson
550. Pins, Split, 6" x 1/2"	"	50 gross	gross	35%	E. Duckett & Sons
551. Pins, Split, 7" x 1/2"	"	30 "	do.	2 10 0 less 30%	A. Gilbert Tomlinson

NUTS, RIVETS, AND SPIKES, ETC.

NUTS.

Name of Manufacturer—

Items 552 and 553—C. Richards and Sons.

Items 554, 555, and 557-572—A. Gilbert Tomlinson.

Nuts, Bright, Mild Steel, Pressed and Finished—					
552. 1/4" thick	Gt. Brit.	75 gross	gross	0 4 10	} McPherson's Pty. Ltd.
553. 3/8"	"	20 "	do.	0 6 1	
554. 3/8" Standard and finished, Hex.	Aust.	100 "	do.	*0 9 2	} A. Gilbert Tomlinson
555. 7/16"	"	10 "	do.	*0 12 1	
556. 1/2" Pressed and finished	"	10 "	do.	0 11 9	Oxford Metals Pty. Ltd.
557. 5/8" Standard and finished, Hex.	"	25 "	do.	*1 1 8	} A. Gilbert Tomlinson
558. 3/4"	"	60 "	do.	*1 8 4	
559. 7/8"	"	50 "	do.	*1 19 7	
560. 1"	"	5 "	do.	*2 13 4	
561. 1 1/8"	"	5 "	do.	*3 17 1	
562. 1 1/4"	"	5 "	do.	*6 0 0	
563. 1 1/2"	"	5 "	do.	*9 12 0	
564. 3/4" thin Bright, Hex. Lock and finished	"	5 "	do.	*0 8 4	
565. 1"	"	5 "	do.	*0 13 4	
565A. 1 1/8"	"	5 "	do.	*0 19 2	
566. 1 1/4"	"	30 "	do.	*1 5 0	
567. 1 1/2"	"	5 "	do.	*1 15 0	
568. 1"	"	5 "	do.	*2 5 0	
569. 1 1/8"	"	5 "	do.	*3 3 0	
570. 1 1/4"	"	5 "	do.	*5 12 0	
571. 1 1/2"	"	5 "	do.	*9 0 0	
572. 1 3/4"	"	25 "	do.	*13 4 0	

* Less 15 % discount for payment within 30 days.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.			Name of Contractor.
				£	s.	d.	
NUTS, RIVETS, AND SPIKES, ETC.— <i>continued.</i>							
RIVETS.							
573. Rivets, Copper, with or without burrs, any sizes, as ordered	Gt. Brit.	2,000 lbs.	lb.	0	1	9½	} E. Duckett & Sons
574. Rivets, Iron, tinned, any sizes ordered	"	2,500 "	do.	0	0	7½	
574A. Rivets, Copper, Bifurcated, No. 9, in 4-oz. tins	"	500 "	tin	0	0	7½	Briscoe & Co. Ltd.
SPIKES, ETC.							
*575. Shoes, Pile	Aust.	150	each	0	9	0	} G. F. Sewell Pty. Ltd.
576. Spikes, Round, chisel or diamond pointed, as ordered, any sizes ordered	"	500 cwt.	cwt.	1	6	0	
577. Spikes, Round, drift, any sizes ordered	"	70 "	do.	1	2	0	
578-648. Nil.							

FOUNDRY MATERIAL.

Name of Manufacturer—

Items 650—653A and 655—Morgan.

Item 654—James Cummings & Sons.

Item 656—Graphite Products Ltd.

Item 657—Joseph Dixon Crucible Co.

†649. Blacking, Moulders'	Aust.	120 cwt.	cwt.	0	8	0	} Proud Bros. Pty. Ltd.
Crucibles, Plumbago—							
650. No. 20	Gt. Brit.	40	each	0	9	3	} Felton, Grimwade & Co. Pty. Ltd.
651. No. 25	"	15	do.	0	11	6	
652. No. 66D (for smelting steel)	"	200	do.	1	17	0	} H. B. Selby & Co.
653. Crucibles, T.P. 191—Drawing No. 2639/15 (for "Morgan's" Tilting Furnace)	"	20	do.	6	0	0	
653A. Crucibles, for Metal, No. 60, for holding 120 lbs.	"	8	do.	1	10	0	
†654. Facing, white "Terra Flake"	Aust.	5 tons	ton	7	0	0	} Gilbert Lodge & Co. Ltd.
655. Pedestals for Crucibles (Item No. 653)	Gt. Brit.	30	each	1	10	0		} H. B. Selby & Co.
†656. Graphite, Pure Flake, in 5-lb. tins "Foliac"	"	200 lbs.	lb.	0	1	10	} McPherson's Pty. Ltd.
657. Graphite, "Dixon's" Compound	U.S.A.	250 "	do.	0	2	0		} Rosenfeld, Hillas & Co. Pty. Ltd.
†658. Plumbago, Coarse	Aust.	80 cwt.	cwt.	0	18	0	} Proud Bros. Pty. Ltd.
†659. Plumbago, Fine	"	200 "	do.	1	3	0	
†660. Wash, Core	"	60 "	do.	0	8	0	
†661. Wire Wax, 2, 4, 6, or 8 millimetres, as ordered	Gt. Brit.	350 lbs.	lb.	0	2	5	} Rosenfeld, Hillas & Co. Pty. Ltd.
661A. Ferro Silicon	Sweden	5 cwt.	cwt.	3	15	0		} McPherson's Pty. Ltd.

PLATERS' MATERIAL.

Name of Manufacturer—

Items 666, 673, 681, and 686—Canning & Co

Items 671, 671A, and 672A—Egyptian Lacquer Co.

As regards item No. 670—Time for importation to be allowed.

662. Anodes, Cast Nickel, 99 per cent., 18" to 24" long, as ordered	Gt. Brit.	500 lbs.	lb.	0	2	3½	} O. T. Lempriere & Co.
663. Anodes, Rolled Nickel, 99 per cent., 18" to 24" long, as ordered	"	200 "	do.	0	2	4½	
*664. Brushes, Scratch, Brass 553P	"	24	each	0	4	9	} A. G. Healing & Co. Pty. Ltd.
*665. Brushes, Scratch, Steel Wire Circular	"	6	do.				
†666. Compo, White, "Peerless," in 2-lb. tins	Gt. Brit.	200 lbs.	lb.	0	1	0	} A. G. Healing & Co. Pty. Ltd.
†667. Crocus, Compo No. 2	"	28 "	do.	0	0	6½	
*668. Felt Bobs, 1½" thick, 6" diameter	"	20 "	do.	0	9	6	
*669. Felt Bobs, 1½" thick, 9" diameter	"	30 "	do.	0	9	6	} J. G. Black
*670. Felt Sheet, 1½" thick, 3' to 6' square, as ordered	"	150 "	do.	0	8	3	
†671. Lacquer, Colourless, Celluloid Helios, 1 gallon tins	U.S.A.	3 gallons	gallon	2	5	0	} A. G. Healing & Co. Pty. Ltd.
†671A. Gold Stain for Helios Lacquer in 1 pint bottles	"		pint	0	15	0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
PLATERS' MATERIAL—continued.					
†672. Lacquer, Coloured		2 gallons	gallon	..	Nil
†672A. Lacquer, Thinner, in 1 gallon tins ..	U.S.A.	5 "	do.	1 8 6	A. G. Healing & Co. Pty. Ltd.
†673. Mops, Calico, Grey, 9" x 50B	Gt. Brit.	200	each	0 6 0	
†674. Mops, Calico, White, 12" x 140H	"	100	do.	0 16 3	McPherson's Pty. Ltd.
†675. Mops, Calico, White, 9" x 100H	"	100	do.	0 7 3	
†676. Mops, Calico, White, 6" x 100H	"	50	do.	0 3 6	
†677. Mops, Swansdown, 6" x 24	"	6	do.	0 3 0	
†678. Mops, Swansdown, 9" x 24	"	6	do.	0 6 0	A. G. Healing & Co. Pty. Ltd.
679. Potassium, Cyanide, 100 per cent. in 1 cwt. cases	"	336 lbs.	lb.	0 1 5	
†680. Rouge, Compo, AZ	"	15 "	do.	0 3 6	A. G. Healing & Co. Pty. Ltd.
†681. Salts, Nickel, best, special double	"	112 "	do.	0 0 7	
*682. Swabs, Potash 622A	"	12	each	0 1 3	Briscoe & Co. Ltd
683. Tape, Emery, ½", in pieces of 12 yards each "Oakeys"	"	5 pieces	piece	0 3 4	
684. Tape, Emery, 1", in pieces of 12 yards each "Oakeys"	"	5 "	do.	0 5 0	A. G. Healing & Co. Pty Ltd.
*685. Tape, Emery, 1½", in pieces of 12 yards each "Oakeys"	"	5 "	do.	0 6 10	
†686. Tripoli, Compo, Lustre, in 1 cwt. cases	"	2,000 lbs.	lb.	0 0 6½	

PLUMBERS' GOODS AND SEWERAGE MATERIALS.

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

The Items marked "B" shall be tested by the Bendigo Board and shall bear that Board's test marks before delivery.

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

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

Specification for Item 731.—Urinals and Channels.—The urinals are to be 2 feet wide, 12 inches deep, and 3 ft. 10½ in. high, with bottoms rebated for channels. The channel blocks are to be 2 feet long, 6 inches wide, and 3 inches deep, with 4-in. channels, graded to outlets where required. The outlets, 2½-in. diameter, are to be rebated for 3½-in. diameter gratings. The ends of channels are to be stopped where required.

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

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

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

Specification for Item 730.—Trough Lavatories.—The troughs are to be of strong cast iron, porcelain enamelled inside and painted white outside, approximately semi-circular in section and about 16 inches wide over all. The castings are to be of convenient lengths with approved joints, so that when bolted together they shall be true to line and watertight. Strong wrought-iron brackets are to be supplied with the troughs, one at each joint and one at each end. Bolts and screws are to be supplied, and all necessary fittings for the proper fixing of the trough lavatories. Outlets 2-in. diameter with gratings are to be provided where required.

The taps and sprayers are to be nickel plated and as follows:—½-in. high-pressure brass stop-cocks threaded for iron piping, and fitted with ½-in. diameter slightly-bent tubes fitted with fine roses, the tubes and roses to be about 4 inches in length over all.

As regards Items 727, 728—delivery will be given properly loaded and stacked in railway trucks at South Brunswick Railway Station.

As regards Items 727A, 728A, 731 to 731B—delivery will be given properly loaded and stacked in railway trucks at Epsom Railway Station.

As regards Items 727 and 728—two tenders have been accepted and orders should be placed under the more advantageous contract, and it should be noted that for sewerage work in the Metropolitan and Bendigo Districts orders should only be placed under the contract for material which provides for tests by the respective controlling Boards for such Districts.

PLUMBERS' GOODS.

687. Balls, Fire Plug, Ebonite, 3½" Dia., 2½" Pine Centres	Aust.	20	each	0 3 3	Dunlop Rubber Co. of Aust. Ltd.
688. Bolts and Nuts, Galvanized, ½" up to 1" in length, as ordered, any dia. ordered ..	Gt. Brit.	60 gross	gross	0 4 2	Briscoe & Co. Ltd.
689. Bolts and Nuts, Galvanized, over 1" up to 2" in length, as ordered, any dia. ordered	"	90 "	do.	0 5 2	E. Duckett & Son s

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
PLUMBERS' GOODS AND SEWERAGE MATERIALS—continued.					
PLUMBERS' GOODS—continued.					
690. Clips, Pipe, Beaded, Galvanized, $\frac{1}{2}$ " or $\frac{3}{4}$ ", as ordered	Aust.	60 doz.	dozen	0 0 5	W. E. Cash
691. Clips, Pipe, Beaded, Galvanized, 1" or 1 $\frac{1}{4}$ ", as ordered	Gt. Brit.	50 "	do.	0 1 3	J. Danks & Son Pty. Ltd.
691A. Clips, Pipe, Beaded, Galvanized, $\frac{1}{4}$ " or $\frac{3}{8}$ ", as ordered	"	12 "	do.	0 0 6	
692. Hooks, Pipe, Galvanized, $\frac{1}{2}$ " to 1", as ordered	Aust.	150 "	do.	0 1 3	W. E. Cash
693. Hooks, Pipe, Galvanized, 1 $\frac{1}{4}$ " to 2", as ordered	"	500 "	do.	0 3 0	
Down-pipe, Galvanized Iron, 24-gauge, in 6' lengths—					
694. 2"	"	1,000 lengths	length	0 1 9	A. E. Carlyle
695. 2 $\frac{1}{2}$ "	"	1,200 "	do.	0 1 8	
696. 3"	"	1,400 "	do.	0 2 0	
697. 4"	"	450 "	do.	0 2 6	
*698. Gates, Treacle, C.I., Japanned	U.S.A.	50	each	0 4 11	E. Duckett & Sons
699. (m) Meters, Water, Gunmetal Cases, $\frac{1}{2}$ "	Aust.	5	do.	4 4 0	W. McLean & Co.
700. (m) Meters, Water, Gunmetal Cases, $\frac{3}{4}$ "	"	20	do.	4 8 0	
701. (m) Meters, Water, Gunmetal Cases, 1"	"	12	do.	6 9 3	J. Danks & Son Pty. Ltd.
702. (m) Meters, Water, Gunmetal Cases, 1 $\frac{1}{4}$ "	"	5	do.	8 15 0	
703. (m) Meters, Water, Gunmetal Cases, 1 $\frac{1}{2}$ "	"	5	do.	10 4 0	Davies, Shephard Pty. Ltd.
704. (m) Meters, Water, Gunmetal Cases, 2"	"	5	do.	19 6 0	J. Danks & Son Pty. Ltd.
705. (m) Meters, Water, Gunmetal Cases, 3"	"	5	do.	30 17 6	
706. (m) Meters, Water, Gunmetal Cases, 4"	"	5	do.	41 14 0	Davies, Shephard Pty. Ltd.
†707. Tape, Meter, $\frac{3}{8}$ " wide, in rolls of 144 yards..	Gt. Brit.	10 rolls	roll	2 0 0	Davies, Shephard Pty. Ltd.
708. Spikes and Tubes, Galvanized, for Spouting, any sizes ordered	"	700 doz.	dozen	0 1 0	J. Danks & Son Pty. Ltd.
709. Paste, Soldering, "Fluxite," in 3-oz. tins	"	250 tins	tin	0 0 7 $\frac{1}{2}$	E. Duckett & Sons
710. Paste, Soldering, "Fluxite," in 1-lb. tins	"	100 "	do.	0 3 0	McPherson's Pty. Ltd.
711. Pipe, Lead, any sizes ordered	Aust.	50 cwt.	cwt.	2 8 6	J. Danks & Son Pty. Ltd.
712. Pipe, Lead, Tin lined, heavy, beer, any sizes ordered	"	5 "	do.	5 8 0	
Ridging, Galvanized, in 6' lengths, 18"—					
713. 26 gauge	"	600 lengths	length	0 2 5	W. E. Cash
714. 24 gauge	"	1,000 "	do.	0 3 0	
715. Rivets, Iron, Galvanized, any sizes ordered	Gt. Brit.	500 lbs.	lb.	0 0 7	E. Duckett & Sons
716. Screws, Galvanized, cone head, any sizes ordered	"	15 cwt.	cwt.	4 5 0	
717. Screws and Tubes, Galvanized, for Spouting, any sizes ordered	Aust.	350 doz.	dozen	0 1 3	
718. Spelter, No. 1	"	10 cwt.	cwt.	..	Nil
719. Spelter, No. 2	"	20 "	do.	..	
720. Spelter, No. 3	"	10 "	do.	..	
721. Spelter, No. 5	"	2 "	do.	..	
Spouting, Galvanized, 24 gauge, O.G., in 6' lengths—					
722. 4" or 4 $\frac{1}{4}$ ", as ordered	Aust.	2,500 lengths	length	0 2 0	A. E. Carlyle
723. 5"	"	2,500 "	do.	0 2 2	W. E. Cash
724. Washers, Cut Iron, Galvanized, any sizes ordered	Gt. Brit.	15 cwt.	cwt.	3 15 0	Briscoe & Co. Ltd.

SEWERAGE MATERIALS.

LAVATORY BASINS, CISTERNS, ETC.

725. Basins, Lavatory, C.I., porcelain enamelled, 14" inside measurement, with patent overflow, plug, and washer	Aust.	50	each	1 4 6	Shanks & Co. Pty. Ltd.
726. (m) Cisterns, C.I., "Levern" glass enamelled, 3-gallon, with cover, high or low-pressure ball cock, as ordered	"	50	do.	2 4 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
PLUMBERS' GOODS AND SEWERAGE MATERIALS—continued.					
LAVATORY BASINS, CISTERNS, ETC.—continued.					
727. (M) Pans, Closet, Pedestal, Class 4, P. trap	Aust.	10	each	1 14 6	Hoffman Brick & Potteries Ltd.
727A. (B) Pans, Closet, Pedestal, Class 4, P. trap	"		do.	1 15 0	G. D. Guthrie & Co. Pty. Ltd.
728. (M) Pans, Closet, Pedestal, Class 4, S. trap, vented or unvented, and right or left hand, as ordered	"	60	do.	1 14 6	Hoffman Brick & Potteries Ltd.
728A. (B) Pans, Closet, Pedestal, Class 4, S. trap vented or unvented, and right or left hand, as ordered	"		do.	1 16 0	G. D. Guthrie & Co. Pty. Ltd.
Sinks, C.I., porcelain enamelled, with plugs and washers—					
729. 14" x 12" x 6"	"	1,000 in.	do.	1 1 6	Shanks & Co. Pty. Ltd.
729A. 17" x 12" x 6"	"		do.	1 2 6	
729B. 20" x 12" x 6"	"		do.	1 6 0	
729C. 15" x 14" x 7"	"		do.	1 6 6	
729D. 18" x 14" x 7"	"		do.	1 8 6	
729E. 21" x 14" x 7"	"		do.	1 10 6	
729F. 24" x 14" x 7"	"		do.	1 12 6	
729G. 27" x 14" x 7"	"		do.	1 18 6	
729H. 30" x 14" x 7"	"		do.	2 0 0	
730. (M) Trough Lavatories, C.I., porcelain enamelled, with nickel-plated taps and sprays, any length of trough ordered	"	60 feet	foot	1 11 6	G. D. Guthrie & Co. Pty. Ltd.
731. Urinals and Channels, salt-glazed, any number of stalls ordered	"	50 stalls	stall	5 0 0	
*731A. Seats, Closet, glazed Fireclay, to Drawing No. 1423/11	"	50	each	4 5 0	
*731B. Crocks, Urinal, salt-glazed, vitrified stoneware, E.W. angle, brown	"	50	do.	0 7 9	

BRASSWARE.

Bends, Plain, any angles ordered—					
732. 1½"	Aust.	30	each	0 1 10	J. Danks & Son Pty. Ltd.
733. 1½"	"	50	do.	0 2 3	
734. 2"	"	60	do.	0 2 8	
Bends, with inspection opening, any angles ordered—					
735. 1½"	Aust.	80	each	0 2 1	J. Danks & Son Pty. Ltd.
736. 1½"	"	50	do.	0 2 9	
737. 2"	"	170	do.	0 3 4	
738. Bushes, ½" x ½"	"	40	do.	0 0 4	
739. Bushes, ¾" x 1"	"	5	do.	0 0 6	
740. Bushes, 1" x 1½"	"	5	do.	0 1 0	
741. Bushes, 1½" x 1½" Gas Thread	"	5	do.	0 1 3	
742. Bushes, 1½" x 2" do.	"	5	do.	0 2 6	
743. Caps and Linings, 1½"	"	15	do.	0 1 6	
744. Caps and Linings, 1½"	"	5	do.	0 1 8	
745. Caps and Linings, 2"	"	90	do.	0 1 10	
746. Caps and Linings, 3"	"	5	do.	0 9 6	
747. (M) Cocks, Ball, Automatic, ½"	"	10	do.	0 14 6	Shanks & Co. Pty. Ltd.
Cocks, Ball, high or low pressure, as ordered—					
* 748. (M) ½"	"	80	do.	0 5 3	J. Danks & Son Pty. Ltd.
749. (M) ¾"	"	30	do.	0 6 6	
750. (M) 1"	"	5	do.	0 10 0	
751. Cocks, Bib, Gully, H.P., ½"	"	20	do.	0 3 3	
752. (M) Cocks, Ball, ½"	"	15	do.	0 5 3	
753. " " ¾"	"	10	do.	0 6 6	
754. " " 1"	"	5	do.	0 8 0	
755. " " 1½"	"	5	do.	1 10 0	
756. " " 1½", Lambert's pattern	"	5	do.	1 5 0	
757. " " 1½"	"	5	do.	1 12 6	
758. " " 2"	"	5	do.	2 0 0	
759. " " 3"	"	5	do.	3 15 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
PLUMBERS' GOODS AND SEWERAGE MATERIALS.— <i>continued.</i>					
BRASSWARE— <i>continued.</i>					
760. Cocks, Range, $\frac{1}{2}$ " with brass keys and nuts	Aust.	600	each	0 2 11	McPherson's Pty. Ltd.
761. " " " " " "	"	300	do.	0 3 4	
762. " " " " " "	"	20	do.	0 4 5	
Cocks, Mill, Brass—					
762A. "A" design to Litho. No. L884/11	"	5	do.	3 9 0	Davies, Shephard Pty. Ltd.
762B. "B" " " Blue Print, No. 1090/08	"	10	do.	3 9 0	
762C. "C" " " " " " "	"	10	do.	3 9 0	
Cocks, Ferruled, Stop, for Lead or Iron, as ordered—					
763. (M) $\frac{3}{8}$ "	"	75	do.	0 4 3	J. Danks & Son Pty. Ltd.
*764. (M) $\frac{1}{2}$ "	"	70	do.	0 3 9	
765. (M) $\frac{3}{4}$ "	"	90	do.	0 6 0	
*766. (M) $\frac{1}{2}$ "	"	20	do.	0 5 6	
767. (M) 1"	"	20	do.	0 9 0	
768. (M) Over 1", as ordered	"	50 lbs.	lb.	0 3 3	
Cocks, Fullway, H.P.—					
769. (M) $\frac{1}{2}$ "	"	20	each	0 5 0	
770. (M) $\frac{3}{4}$ "	"	10	do.	0 6 6	
771. (M) 1"	"	20	do.	0 8 6	
772. (M) 1 $\frac{1}{2}$ "	"	20	do.	0 11 6	
773. (M) 1 $\frac{3}{4}$ "	"	5	do.	0 14 0	
774. (M) 2"	"	12	do.	0 17 6	
775. (M) Cocks, Spring, $\frac{3}{4}$ ", Bib or Right angle, as ordered	"	100	do.	0 7 0	
776. (M) Cocks, Stop, with Unions, H.P., $\frac{1}{2}$ "	"	100	do.	0 4 6	
777. (M) Cocks, Toilet, Nickel-plated, H.P., $\frac{1}{2}$ "	"	5	do.	0 7 0	
Cocks, Bib or Stop, Nickelplated, H.P. labelled, Hot or Cold, as ordered, for Lead or Iron, as ordered—					
777A. (M) $\frac{1}{2}$ "	"	10	each	0 6 6	
777B. (M) $\frac{3}{4}$ "	"	10	do.	0 6 6	
Cocks, Water, H.P., Bib or Stop, for Lead or Iron as ordered—					
778. (M) $\frac{1}{2}$ "	"	600	do.	0 3 0	
*779. (M) $\frac{3}{8}$ "	"	5	do.	0 2 6	
780. (M) $\frac{1}{2}$ "	"	600	do.	0 5 3	
*781. (M) $\frac{3}{4}$ "	"	5	do.	0 4 3	
782. (M) 1"	"	50	do.	0 7 9	
*783. (M) 1"	"	10	do.	0 5 6	
784. (M) Over 1", as ordered	"	160 lbs.	lb.	0 3 3	
*785. Couplings or Unions, any sizes and threads ordered	"	160	do.	0 3 6	
786. Directors, Water, with Nozzles only, $\frac{1}{2}$ ", $\frac{3}{4}$ ", or 1", as ordered	"	30	each	0 2 9	
*787. Directors, Water, Fire Brigade pattern, any sizes and threads ordered..	"	15 lbs.	lb.	0 6 6	
Ferrules, Straight Union, for Lead or Iron, as ordered—					
788. (M) $\frac{1}{2}$ "	"	5	each	0 1 9	
789. (M) $\frac{3}{4}$ "	"	5	do.	0 2 7	
790. (M) 1"	"	5	do.	0 5 0	
791. (M) Over 1", as ordered	"	25 lbs.	lb.	0 4 0	
Junctions, any angles ordered --					
792. 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ ", plain	"	30	each	0 2 4	
792A. " " with inspection opening	"		do.	0 3 6	
793. 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ ", plain	"	15	do.	0 2 9	
793A. " " with inspection opening	"		do.	0 3 11	
794. 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ ", plain	"	20	do.	0 3 0	
794A. " " with inspection opening	"		do.	0 4 2	
795. 2" x 1 $\frac{1}{2}$ ", plain	"	5	do.	0 3 9	
795A. " " with inspection opening	"		do.	0 5 0	
796. 2" x 1 $\frac{1}{2}$ ", plain	"	10	do.	0 3 9	
796A. " " with inspection opening	"		do.	0 5 0	
797. 2" x 2", plain	"	50	do.	0 4 4	
797A. " " with inspection opening	"		do.	0 5 0	
798. Nipples, $\frac{1}{2}$ "	"	10	do.	0 0 3 $\frac{1}{2}$	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	

PLUMBERS' GOODS AND SEWERAGE MATERIALS—continued.

BRASSWARE—continued.

* 799. Nuts, Rings and Tails, in sets, $\frac{1}{2}$ " ..	Aust.	80 sets	set	0 1 0	J. Danks & Son Pty. Ltd.
800. " " " $\frac{3}{4}$ " ..	"	15 "	do.	0 1 3	
801. " " " 1" ..	"	40 "	do.	0 1 6	
802. Pieces, Extension, 2" diameter, any lengths ordered ..	"	60 ins.	inch	0 0 8	
803. Plugs, $\frac{1}{2}$ " ..	"	12	each	0 0 4	
804. " $\frac{3}{4}$ " ..	"	12	do.	0 0 5	
805. " 1" ..	"	12	do.	0 0 6	
806. (M) Plugs and Washers, round or square, any sizes, as ordered ..	"	5	do.	0 2 6	
807. (M) Plugs and Washers, bath, fullway, 2" screwed ..	"	10	do.	0 2 9	
807A. Rings, Hose, $\frac{1}{2}$ ", $\frac{3}{4}$ ", or 1", as ordered ..	"	200	do.	0 0 6	
808. Sleeves, Beaded, 3" ..	"	12	do.	0 3 6	
809. " " 4" ..	"	12	do.	0 5 0	
810. Traps, P., 2", with trap screw ..	"	10	do.	0 6 5	
810A. Traps, S., 2", with trap screw ..	"		do.	0 9 0	
811. Unions, Royle's pattern, $\frac{1}{2}$ ", $\frac{3}{4}$ ", or 1", as ordered ..	"	100	do.	0 2 0	
*812. Valves, Steam, any sizes ordered ..	"	900 lbs.	lb.	0 4 6	
813. Valves, Flap, $1\frac{1}{2}$ " for Lead or Iron, as ordered ..	"	40	each	0 2 3	
814. Valves, Flap, 2" for Lead or Iron as ordered ..	"	5	do.	0 2 6	

CAST IRONWARE

Bends, Soil Pipe, $\frac{5}{8}$ " Metal, any angles ordered—					
815. 3" ..	Aust.	50	each	0 5 9	J. Danks & Son Pty. Ltd.
816. 4" ..	"	70	do.	0 8 6	
Branches, Soil Pipe, $\frac{5}{8}$ " Metal, any angles ordered—					
817. 3" x 2" (spigot ends to be 10" longer than standard size) ..	"	20	do.	0 7 0	
818. 3" x 3" ..	"	10	do.	0 7 0	
819. 4" x 2" ..	"	5	do.	0 11 6	
820. 4" x 3" ..	"	5	do.	0 11 6	
821. 4" x 4" ..	"	25	do.	0 11 6	
822. Cocks, 3" Fullway, H.P. ..	"	10	do.	2 10 0	
823. Covers, Boundary Top, No. 197 ..	"	30	do.	0 3 6	
824. " " No. 198 ..	"	10	do.	0 5 3	
825. Covers, Inspection Chamber, and frame No. 219 ..	"	10	do.	5 5 0	
826. Fittings, No. 215, with straight or oval branch, as ordered ..	"	5	do.	0 9 0	
827. Gratings, galvd., No. 24A ..	"	100	do.	0 1 0	
828. " " No. 61 ..	"	100	do.	0 1 9	
829. " " for floor traps ..	"	10	do.	0 1 9	
830. Inlets, Level, 2" out of 4" to 4" out of 4", as ordered ..	"	35	do.	0 12 0	
831. Pieces, Extension, Closet, 4" diameter, any lengths ordered ..	"	500 ins.	inch	0 0 7	
832. Pieces, Extension, 4" diameter, any lengths ordered ..	"	250 "	do.	0 0 7	
833. Pieces, Extension, 6" diameter, any lengths ordered ..	"	15 "	do.	0 0 9	
Pipe, Soil, $\frac{5}{8}$ " Metal—					J. Danks & Son Pty. Ltd.
834. 3" x 3' lengths ..	"	10 lengths	length	0 10 6	
835. 3" x 6' " ..	"	40 "	do.	0 13 0	
836. 4" x 3' " ..	"	10 "	do.	0 13 6	
837. 4" x 6' " ..	"	20 "	do.	1 0 0	
838. 4" x 9' " ..	"	20 "	do.	1 8 6	
839. 4" x 3' lengths, with inspection opening ..	"	5 "	do.	0 17 6	
840. Sockets, 4" dia. ..	"	30	each	0 3 0	
841. " 3" dia. ..	"	10	do.	0 2 6	
842. Tops, Adjustable, 2" out of 4" to 4" out of 4", as ordered ..	"	20	do.	0 9 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
PLUMBERS' GOODS AND SEWERAGE MATERIALS—continued.					
CAST IRONWARE—continued.					
843. Tops, Gully square, No. 24A	Aust.	30	each	0 9 0	J. Danks & Son Pty. Ltd.
844. Traps, Disconnector, No. 23	"	25	do.	0 11 0	
845. Traps, Floor, 2", with grating, for cast or wrought pipe, as ordered	"	5	do.	0 15 0	
846. Traps, Gully, No. 24	"	3	do.	0 15 0	
847. Traps, Silt, 6", with 4" outlet, with bucket and grating	"	25	do.	1 16 0	
848. Traps, Urinal, 3", with spigot or screwed ends	"	15	do.	0 19 0	
GALVANIZED IRONWARE.					
849. Clips, Hose, ½"	Gt. Brit.	250	each	0 0 3	J. Danks & Son Pty. Ltd.
850. (m) Clips, Vent, 1½"	Aust.	150	do.	0 0 1½	W. E. Cash
851. (m) " " 2"	"	10	do.	0 0 1½	
852. (m) " " 3"	"	25	do.	0 0 2½	J. Danks & Son Pty. Ltd.
853. (m) " " 4"	"	100	do.	0 0 3	
854. Cowsls, Educt, 22 G., 4"	"	50	do.	0 2 9	J. Danks & Son Pty. Ltd.
855. " " 6"	"		do.	0 6 6	
856. (m) Offsets, 20 G., 4", with 4" to 6" projections, as ordered	"	5	do.	0 8 6	W. E. Cash
857. (m) Pipes, Flush, 1½", any projections ordered	"	50	do.	0 5 0.	
858. (m) Pipe, Vent, 4" x 20 G., in 6' lengths	"	100 lengths	length	0 8 9	W. E. Cash
859. (m) Pipe, " 3" x 20 G., in 6' "	"	20 "	do.	0 7 3	
860. (m) Strainers, Sheet Iron 1½"	"	15	each	0 0 6	W. E. Cash
861. (m) " " 2"	"	5	do.	0 0 6	
862. (m) " " 3"	"	20	do.	0 1 0	W. E. Cash
863. (m) " " 4"	"	40	do.	0 1 9	
LEADWARE, ETC.					
864. Cones, No. 8	Aust.	130	each	0 0 4	J. Danks & Son Pty. Ltd.
865. " No. 10	"	5	do.	0 0 5	
Traps, solid drawn, with wiped trap screws—					
866. P. 1½"	"	30	do.	0 3 3	
867. P. 1½"	"	5	do.	0 3 6	
868. P. 2"	"	50	do.	0 4 3	
869. S. 1½"	"	5	do.	0 3 6	J. Danks & Son Pty. Ltd.
870. S. 1½"	"	5	do.	0 3 9	
871. S. 2"	"	30	do.	0 5 3	
VARIOUS.					
872. Valves, Sluice, 3"	Aust.	10	each	4 0 0	J. Danks & Son Pty. Ltd.
873. " " 4"	"	10	do.	4 10 0	
874. " " 5"	"	5	do.	6 10 0	
875. " " 6"	"	5	do.	8 0 0	
876. " " 9"	"	5	do.	17 10 0	
Valves, Retention, Spigot and Faucet ends and to the M.M.B.W. standard—					
876A. 3"	"	5	do.	3 10 0	J. Danks & Son Pty. Ltd.
876B. 4"	"	5	do.	4 10 0	
876C. 5"	"	3	do.	6 5 0	
876D. 6"	"	3	do.	7 15 0	
876E. 9"	"	3	do.	Nil	
†877. Bitumen, Jointing	Aust.	1,250 lbs.	lb.	0 0 2½	J. Danks & Son Pty. Ltd.

TUBES AND FITTINGS.

The estimated requirements are based on the full list price.
 The Contractor will require to have all Galvanized Tubes supplied under Items marked (m) tested by the Melbourne and Metropolitan Board of Works, and such tubes shall bear that Board's test marks before delivery.

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

TUBES AND FITTINGS—continued.

All tubes and fittings to be of standard weight, and of "Whitworth's" Gauge of Gas Threads.

Name of Manufacturer—

Items 878-893—Stewarts & Lloyds. "L & L" Brands.

Items 894, 896, and 898—Edward Heir.

Items 895, 897, and 899—Slingsbys Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.	
				£ s. d.		
Tubes, Wrought Iron, of approved thickness, in trade lengths, as ordered—						
878. Black, up to 3" dia.	Gt. Brit.	2,000	..	13 3/4 %	Stewarts & Lloyds (Aust.) Ltd.	
879. Black, 3 1/2" and up to 6" dia.	"	700	..	20 "		
880. Galvanized, up to 3" dia.	"	2,300	..	13 3/4 "		
881. Galvanized, 3 1/2" and up to 6" dia.	"	500	..	20 "		
882. (M) Galvanized, up to 3" dia.	"	1,500	..	13 3/4 "		
883. (M) Galvanized, 3 1/2" and up to 6" dia.	"	150	..	20 "		
884. Steam, screwed and socketed, up to 3" dia.	"	3,500	..	13 3/4 "		
885. Steam, screwed and socketed, 3 1/2" and up to 6" dia.	"	160	..	20 "		
Bends, Long Screws, and Springs, Wrought Iron, of approved thickness—						
886. Galvanized, up to 2" dia.	"	60	..	10 "		
887. Galvanized, 2 1/2" and up to 6" dia.	"	90	..	10 "		
Fittings, Wrought Iron, of approved thickness—						
888. Black, up to 2" dia.	"	250	..	10 "		
889. Black, 2 1/2" and up to 6" dia.	"	320	..	10 "		
890. Galvanized, up to 2" dia.	"	600	..	10 "		
891. Galvanized, 2 1/2" and up to 6" dia.	"	190	..	10 "		
892. Steam, up to 2" dia.	"	600	..	10 "		
893. Steam, 2 1/2" and up to 6" dia.	"	30	..	10 "		
Fittings, Malleable Iron, of approved thickness—						
894. Black, up to 2" dia.	Aust.	550	..	57 1/2 %	J. Danks & Son Pty. Ltd.	
895. Black, 2 1/2" and up to 6" dia.	Gt. Brit.	350	..	37 1/2 "		
896. Galvanized, up to 2" dia.	Aust.	250	..	50 "		
897. Galvanized, 2 1/2" and up to 6" dia.	Gt. Brit.	50	..	27 1/2 "		
898. Steam, up to 2" dia.	Aust.	20	..	40 "		
899. Steam, 2 1/2" and up to 6" dia.	Gt. Brit.	20	..	35 "		

Percentage of the rates fixed from time to time by the Victorian Hardware Association, which rates will be supplied by the Contractor from time to time, provided that such rates be fixed at any time shall not exceed the rates then in force on Contractor's standard costs.

Percentage of the Malleable Iron "Price List" dated 1/6/22, submitted by contractor.

CAST IRON WATER PIPES.

All cast iron pipes supplied by the Contractor shall be made from the best strong pig iron, free from all defects, and to the forms and dimensions of M.M.B.W. standard as shown on Drawing No. 292/23, equal sided, in 9-ft. or 12-ft. lengths when laid, and having spigot and faucet, the faucet to be properly grooved.

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

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

CAST IRON WATER PIPES—continued.

The pipes shall be of the weights shown hereunder, and any pipe varying more than 2½% below the weight specified shall be liable to rejection. Only the actual weight, as ascertained by weighing on the weighbridge of the Corporation, shall be paid for, provided that no payment shall be made for any excess over the weights specified hereunder:—

Diameter of Pipe.	Effective Length.	Weight.	Diameter of Pipe.	Effective Length.	Weight.
3 inches	9 feet	112 lbs.	9 inches	9 feet	525 lbs.
4 "	9 "	160 "	9 "	12 "	684 "
6 "	9 "	276 "	10 "	9 "	588 "
6 "	12 "	359 "	10 "	12 "	763 "
8 "	9 "	420 "	12 "	9 "	774 "
8 "	12 "	542 "	12 "	12 "	1,007 "

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

Pipes—Cast Iron—Water.

900.	3"	Aust.	10 tons	ton	16 10 0	} Joseph Nixon & Sons
901.	4"	..	..	..	..	"	30 "	do.	16 5 0
902.	6"	..	..	..	..	"	20 "	do.	15 15 0
903.	8"	..	..	..	..	"	5 "	do.	..
904.	9"	"	5 "	do.	..	} Nil
904A.	10"	..	..	..	..	"	10 "	do.	..
904B.	12"	..	..	..	..	"	10 "	do.	..

IRON AND MALLEABLE IRON CASTINGS.

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

IRON CASTINGS.

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

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

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

The whole of the patterns (other than those which will be lent to the Contractor by the Corporation in connexion with any Castings which may be ordered under Item No. 906) of any Castings ordered under Item No. 905 shall be provided by and at the sole expense of the Contractor, and the cost of the same shall be deemed to be included in the rate set opposite to this item.

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

No Casting of less than 2 lbs. weight will be ordered under this Contract.

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

MALLEABLE IRON CASTINGS.

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

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

IRON AND MALLEABLE IRON CASTINGS—continued.

MALLEABLE IRON CASTINGS—continued.

Test bars, 12" x 1" x 3/8", taken from any Casting, shall be capable of being bent through an angle of not less than 180° round a bar of 1" diameter without showing signs of fracture.

The Corporation will provide the patterns for all Castings ordered.

905. Castings, Iron, Special Water Supply, of the following standard sizes, or any combination thereof, the patterns for which shall be supplied by the Contractor:—3", 4", 5", 6", 7", 8", 9", and 12", consisting of 1/8", 1/4", or 1/2" bends, tee pieces, cross pieces and thimbles, hatch boxes, pillar hydrant bends and tees, washout and fireplug tees, also all fireplugs and covers, valve covers, and reducing pieces of all irregular sizes; the thickness of metal and dimensions of pipe faucets and overall dimensions to be to the Melbourne and Metropolitan Board of Works standard ..	Aust.	5 tons	ton	26 10 0	Joseph Nixon & Sons
906. Castings, Iron, Special Water Supply, other than those referred to in Item No. 905 which may be ordered, for which the Corporation will lend the patterns ..	"	2 "	do.	29 10 0	
907. Castings, Malleable Iron, up to 1 lb. ..	"		lb.	0 0 10 1/2	J. Buncle & Son Pty. Ltd.
908. " " " over 1 lb. and up to 5 lbs. ..	"		do.	0 0 10	
909. " " " over 5 lbs. and up to 15 lbs. ..	"		do.	0 0 8	
909A. " " " over 15 lbs. ..	"	20,000 lbs.	do.	0 0 7 1/2	
Castings, not covered by above Items:—					
909B. Egg joints	"		each	0 0 4 1/2	
909C. Pantograph castings	"		lb.	0 0 11 3/4	
909D. Brake couplings	"		do.	0 0 11 3/4	
909E. Frame stays	"		do.	0 0 11 3/4	

STEEL CASTINGS.

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

When specially ordered, the Castings are to be run with heads or runners of such weight as may be ordered, and no extra charge will be allowed for same, and the Contractor will be required to remove the head or runner from the Casting where possible in the opinion of the Chief Storekeeper, and charge the Casting at the net weight only, trimmed and clean. In cases where it is necessary to cut off the head in a lathe or machine, such head will be cut off by the Corporation, and will be returned to the railway station nearest to the Contractor's works, and delivered to the Contractor at the said railway station free of cost or carriage.

The Castings shall be manufactured from Steel produced by an approved process, and shall comply in every particular with the requirements of British Standard Specification No. 10 of Report No. 2A.

Note.—In the case of Crossheads, the tensile requirements shall be as follow:—Breaking strength 23 to 30 tons per square inch, with an elongation of not less than 20 per cent. in 2 inches.

Subject to the provisions of Note following, the Corporation will supply all patterns, and deliver the same to the Contractor free of cost, at the railway station nearest to his works. All patterns, &c., supplied by the Corporation shall be returned by the Contractor in good order, and shall be delivered together with the Castings.

Whenever only one or two Castings are required, and they can, in the opinion of the Chief Storekeeper, be moulded from the broken originals, the Contractor will be bound to mould from such broken originals without requiring the Corporation to supply a wooden or other pattern for same, and without being allowed any extra rate.

As regards Items 910 to 915A—orders are to be placed on C. Ruwolt Pty. Ltd., provided the requirements of the Department are satisfactorily met, and if any failure occur, orders to be placed on the Steel Co. of Australia.

The rates tendered under these Items do not provide for the manufacture and supply of Engine Crossheads, or Axle Boxes for Electric Traction Cars, Trailers, Ordinary Carriages, or Trucks.

909F. Castings, under 2 lbs., with wearing surfaces	Aust.	5 tons	ton	75 0 0	Thompson & Co. (Cast.) Pty. Ltd.
909G. Castings, under 2 lbs., without wearing surfaces	"	5 "	do.	75 0 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.		Name of Contractor.	
				£	s. d.		
STEEL CASTINGS—continued.							
910. Castings, 2 lbs. and up to 14 lbs., with wearing surfaces	Aust.	10 tons	ton	46	10	0	C. Ruwolt Pty. Ltd.
910A. Castings, 2 lbs. and up to 14 lbs., with wearing surfaces	"						
911. Castings, over 14 lbs. and up to 1 cwt. with wearing surfaces	"	50 "	do.	32	0	0	C. Ruwolt Pty Ltd.
911A. Castings, over 14 lbs. and up to 1 cwt., wearing surfaces	"						
912. Castings, over 1 cwt., with wearing surfaces	"	70 "	do.	31	17	6	C. Ruwolt Pty. Ltd.
912A. Castings, over 1 cwt., with wearing surfaces	"						
913. Other General Castings, 2 lbs. and up to 14 lbs.	"	50 "	do.	46	10	0	C. Ruwolt Pty Ltd.
913A. Other General Castings, 2 lbs. and up to 14 lbs.	"						
914. Other General Castings, over 14 lbs. and up to 1 cwt.	"	260 "	do.	32	0	0	C. Ruwolt Pty. Ltd.
914A. Other General Castings, over 14 lbs. and up to 1 cwt.	"						
915. Other General Castings, over 1 cwt.	"	90 "	do.	31	17	6	C. Ruwolt Pty. Ltd.
915A. Other General Castings, over 1 cwt.	"						

BRASS AND GUNMETAL CASTINGS.

The castings to be supplied shall be composed as under:—

- Item No. 916 (Yellow Brass), 66 per cent. copper and 34 per cent. zinc.
- Item No. 917 (Gunmetal), 89 per cent. copper and 11 per cent. tin.

The whole of the copper used in the manufacture of the Castings shall be from the best wire bars 99.9 per cent.

The Castings shall be supplied with runners and burrs removed, and shall be sound, clean, and smooth, and free from any defects, blow holes, &c.

All patterns shall be supplied by the Corporation, and shall be delivered to the Contractor at the railway station nearest to his works, and all such patterns shall be returned to the aforesaid station by and at the expense of the Contractor in good order and condition, and shall be delivered together with the Castings. In the event of the non-return of any of the patterns, or of their being damaged, the price to be fixed by the Chief Storekeeper shall be paid by the Contractor, or may be deducted from any money due to the Contractor by the Corporation.

916. Castings, Brass, Yellow	Aust.	150 lbs.	lb.	0	1	8	} E. Carse
917. Castings, Gunmetal	"	1,000 "	do.	0	1	9	

METALS—ALUMINIUM, ANTIMONY, BRASS, COPPER, LEAD, AND ZINC.

The Phosphor Copper to be supplied under Item 928 shall be suitable for foundry use in the manufacture of Phosphor Bronze.

The Pig Lead (Item No. 936) shall be paid for at the latest cabled market spot price for Pig Lead quoted in the Melbourne morning daily newspapers prior to the service of the order (unless, in the judgment of the Chief Storekeeper, the price quoted as aforesaid does not correctly represent the market price for Pig Lead prevailing on the day of the date of such cabled market price) plus the sum set opposite to Item No. 936 in Column 5 in the Schedule, always provided that if, in the judgment of the Chief Storekeeper, the cabled market price quoted as aforesaid in the Melbourne morning daily newspaper, or any of them does not correctly represent the market price for Pig Lead prevailing on the day of the date of such cabled market price, then the market price prevailing on such day shall be determined by the Chief Storekeeper on evidence satisfactory to him, and such determination by the Chief Storekeeper shall be final and binding, and the rate of payment for the Pig Lead referred to on the particular order shall be in accordance with the price so determined by the Chief Storekeeper, plus the sum set opposite to Item No. 936 as aforesaid.

The Sheet Zinc to be supplied under Item 940 shall be homogeneous, free from splits and flaws, and shall not contain more than .5 per cent. of lead, nor more than .25 per cent. of iron.

Items Nos. 929 to 929c. The material shall be in accordance with Specification No. 12. Report No. 24.

As regards Item No. 919—the rate is for delivery ex. Store, and is subject to payment of cartage by the Department at the rate of 3s. 9d. per ton with a minimum of 5s. per lot less than 1 ton.

As regards Items 929 to 929c—the rates are based on Electrolytic Copper Wire Bars at £64 10s. plus £2 per ton=£66 10s. per ton—for any increase in the market price of Australian Electrolytic Copper Wire Bars, the rates will vary by a corresponding amount with a minimum of £64 10s. plus £2=£66 10s. ton. (The market price to be taken from "The Sydney Morning Herald"—London Metal Quotations—on the day order is issued, plus £2 per ton).

Item No. and Description.	Country of Manu- facture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
METALS—ALUMINIUM, ANTIMONY, BRASS, COPPER, LEAD, AND ZINC—continued.					
ALUMINIUM.					
†918. Aluminium, Ingot .. .. .	..	20 cwt.	cwt.	..	Nil
†919. Antimony, Regulus of, 99·5 per cent. pure "A.S.P.," Antox Ltd.	Aust.	150 "	do.	*2 12 0	O. T. Lempriere and Co.
BRASS.					
920. Brass Rod, Hexagon, Hard Rolled, $\frac{1}{8}$ in. or over, as ordered, "Elliott's Metal Co." ..	Gt. Brit.	10 "	lb.	0 1 0	} Geo. White & Co.
921. Brass, Rod, Round, Hard Rolled, $\frac{1}{8}$ in. or over, as ordered, "Elliott's Metal Co." ..	"	40 "	do.	0 0 11	
922. Brass, Sheet, best hard-rolled, any gauges and sizes ordered other than the gauges and sizes covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by the Contractor) ..	"	"	"	"	
923. Brass, Sheet, best hard-rolled, any gauges and sizes ordered, provided that no gauges and sizes other than those set out in the annexed list shall be ordered under this item, and that the Contractor shall be under obligation to supply from stocks held by him in Australia all Sheets of the gauges and sizes set out in such list in such quantities as may be ordered from time to time ..	..	15 "	do.	..	
924. Brass, Sheet, best soft-rolled, any gauges and sizes ordered other than the gauges and sizes covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of im- portation where stocks are not held in Australia by the Contractor)..	..	"	"	"	
925. Brass, Sheet, best soft-rolled, any gauges and sizes ordered, provided that no gauges and sizes other than those set out in the annexed list shall be ordered under this item, and that the Contractor shall be under obligation to supply from stocks held by him in Australia all Sheets of the gauges and sizes set out in such list, in such quantities as may be ordered from time to time ..	..	15 "	do.	..	} Nil
926. Brass, Tubing (except boiler tubes), solid drawn, any any diameters, gauges, and lengths ordered other than the diameters, gauges and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery, so as to admit of importation where stocks are not held in Australia by the Contractor)	..	"	"	"	
927. Brass, Tubing (except boiler tubes), solid drawn, any diameters, gauges, and lengths ordered, provided that no diameters, gauges, or lengths other than those set out in the annexed list shall be ordered under this item, and that the Contractor shall be under obligation to supply from stocks held by him in Australia all Tubing of the diameters, gauges, and lengths set out in such list, in such quantities, as may be ordered from time to time .. .. .	..	5 cwt.	cwt.	..	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
METALS—ALUMINIUM, ANTIMONY, BRASS, COPPER, LEAD, AND ZINC—continued.					
COPPER.					
928. Copper, Phosphor	50 cwt.	cwt.	..	Nil
929. Copper, Rod, electrolytic, $\frac{7}{8}$ " diameter ..	Aust.	200 "	do.	*6 6 0	Noyes Bros. (Melb.) Pty. Ltd.
929A. Copper, Rod, electrolytic, 1" diameter ..	"	200 "	do.	*6 6 0	
929B. Copper, Rod, electrolytic, $1\frac{1}{8}$ " diameter ..	"	10 "	do.	*6 6 0	
929C. Copper, Rod, electrolytic, $1\frac{1}{2}$ " diameter ..	"	10 "	do.	*6 6 0	
930. Copper, Sheet, best rolled, Nos. 12 to 34 gauge, as ordered, any sizes ordered	50 "	do.	..	Nil
931. Copper, Tubing, medium gauge, $\frac{3}{16}$ in. or $\frac{1}{4}$ in., as ordered .. .. .	..	25 "	do.	..
932. Copper, Tubing, 16 gauge, $\frac{5}{16}$ in. to $\frac{3}{8}$ in., as ordered .. .. .	..	25 "	do.	..
933. Copper, Tubing, 14 gauge, $\frac{1}{2}$ in. to $\frac{3}{4}$ in., as ordered .. .. .	..	50 "	do.	..
934. Copper, Tubing, 12 gauge x 1 in. .. .. .	..	20 "	do.	..
935. Copper, Tubing, 12 gauge x $1\frac{1}{4}$ in. .. .. .	..	20 "	do.	..
935A. Copper, Tubing, 10 gauge x $1\frac{1}{2}$ in. .. .. .	..	20 "	do.	..
935B. Copper, Tubing, 14 gauge x $1\frac{1}{2}$ in. .. .. .	..	20 "	do.	..
935C. Copper, Tubing, 10 gauge x 2 in. .. .. .	..	20 "	do.	..
LEAD.					
†936. Lead, Pig, soft	Aust.	50 tons	ton	Market rate, plus 1 0 0	The Moreland Metal Co. Ltd.
937. Lead, Sheet, best rolled, of an even thickness throughout, smooth, and free from all defects, any thicknesses ordered, and cut to any sizes ordered	20 "	do.	..	Nil
ZINC.					
938. Zinc, Electrolytic, 99·9%	85 cwt.	cwt.	..	E. Duckett & Sons
939. Zinc, Stout, Perforated, to any patterns or samples, as ordered, "Braby"	Gt. Brit.	50 sq. ft.	sq. ft.	0 0 4	
940. Zinc, Sheet, plain, any thicknesses ordered, "Vielle Montagne"	Belgium	5 cwt.	cwt.	2 15 0	

IRON.

The Iron to be supplied under Items Nos. 949 to 952 inclusive shall be subject to the following specification, viz. :—

- (a) *Quality of Material.*—To be of best Yorkshire Iron, or other approved make.
- (b) *Freedom from Defects.*—The round, square and flat bars shall be well and cleanly rolled to the dimensions and sections specified, and shall be sound and free from flaws, cracks, crop ends, and defects of any description. Any of the rounds, squares, or flat bars which do not hold up their full dimensions from end to end, or which have rough, jagged, or imperfect edges or ends shall be rejected.
- (c) *Mechanical Tests.*—The tensile strength and ductility shall be determined from standard test pieces cut from the bars and tested with the grain. Any straightening of test pieces which may be required shall be done when cold.
- (d) *Tensile Tests.—Flat Bars.*—Flat Bars shall be tested where possible as shaped in accordance with British Standard test piece "A," but where the dimensions of the Bars as rolled do not permit of Test Bars of the shape shown being cut therefrom, they may be tested by British Standard test piece "B." All Flat Bars so tested shall be capable of withstanding a tensile test of from 21 to 24 tons per square inch, with an elongation of not less than 24 per cent.
Rounds and Squares.—Where the diameters or sides of Bars do not exceed one inch, they are to be tested as rolled in accordance with British Standard test piece "B," and shall be capable of withstanding a tensile test of from 21 to 24 tons per square inch, with an elongation of not less than 28 per cent.
Where the diameter or sides of Bars are larger than one inch, they are to be turned down and tested in accordance with British Standard test piece "B," and shall be capable of withstanding a tensile test of from 21 to 24 tons per square inch, with an elongation of not less than 24 per cent.
- (e) *Bend Tests.*—Test pieces under 2 inches in diameter or thickness shall withstand being bent cold flat on themselves without sign of fracture. Test pieces 2 inches diameter or thickness and over must withstand being bent cold through an angle of 180 degrees by pressure, or by a succession of light blows over a round bar equal in diameter to the thickness of the test piece without showing signs of fracture on the outside of the bent portion.

IRON—continued.

- (f) *Nicked Bend Tests.*—Nicked bend tests shall be made on test pieces cut from the bars as rolled. Bars up to $1\frac{1}{2}$ inches diameter shall be lightly and evenly nicked on one side with a sharp cutting tool, and bent back at this point through an angle of 180 degrees by pressure in a press or by a succession of light blows, when they shall show a fibrous fracture free from slag or dirt. The same bars when nicked all round and broken off short shall show a fine uniform crystalline fracture.
- (g) *Rejection.*—Should the material fail to comply in every particular with the above conditions, the lot from which the test pieces were selected shall be rejected.

All Iron, round, square and flat (other than Australian Rolled) shall, prior to delivery, be clearly and durably painted on each end with Red paint by and at the expense of the Contractor.

ROLLED IRON (AUSTRALIAN).

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

The whole of the Scrap for the manufacture of the Rolled Iron under this Contract shall be purchased by the Contractor from the Corporation, and except as hereinafter provided shall be paid for by the Contractor at a fixed rate of £2 per ton, delivered in trucks at Spencer-street Railway Station, and the rates set opposite to items numbered respectively 954 and 955 in this Schedule must include the cost of the said Scrap.

To cover waste in the case of the Double Rolled Iron, the Contractor shall purchase as aforesaid 25 per centum of Scrap in excess of any quantity of Double Rolled Iron which may be ordered from time to time. To cover waste in the case of the Treble Rolled Iron, the Contractor shall purchase as aforesaid 30 per centum of Scrap in excess of any quantity of Treble Rolled Iron which may be ordered from time to time. Provided in the event of the Contractor requiring for the purposes of this Contract any quantity of Scrap exceeding the respective percentages as aforesaid, then in every such case he shall pay for such excess at the rate of £3 per ton. Payment at the rate or rates aforesaid shall be made by the Contractor to the Chief Accountant of the Victorian Railways (within 48 hours after demand) for any Scrap which may be supplied to the Contractor from time to time as hereinbefore provided, and failing payment as aforesaid the Corporation shall be entitled to deduct any amount owing for the said Scrap from any money due or which may become due, to the Contractor under this Contract.

The Rolled Iron shall be entirely manufactured from the Scrap purchased from the Corporation as aforesaid, and shall be paid for by the Corporation on the basis of the net weight of such Rolled Iron, when supplied and delivered in strict accordance with all the provisions and requirements of the annexed Conditions of Contract and this Schedule, and to the satisfaction in every respect of the Chief Storekeeper.

All bars shall be cut to the lengths required, and have crop and bad ends cut off, and the Rolled Iron delivered shall be sound throughout and fit for use.

Only the net weight of Rolled Iron delivered (after crop and bad ends have been cut off) shall be paid for.

All Australian Rolled Iron, round, square and flat, shall, prior to delivery, be clearly and durably painted at each end by and at the expense of the Contractor, as follows, that is to say:—

Double Rolled Iron shall be painted with White Paint.

Treble Rolled Iron shall be painted with Black Paint.

Tensile Tests.—Flat Bars, Double Rolled.—Flat Bars shall be tested where possible as shaped in accordance with British Standard test piece "A," but where the dimensions of the bars as rolled do not permit of test bars of the shape shown being cut therefrom, they may be tested by British Standard test piece "B." All flat bars so tested shall be capable of withstanding a tensile test of from 21 to 24 tons per square inch, with an elongation of not less than 18 per cent.

Rounds and Squares.—Where the diameters or sides of bars do not exceed one inch, they are to be tested, as rolled, in accordance with British Standard test piece "B," and shall be capable of withstanding a tensile test of from 21 to 24 tons per square inch, with an elongation of not less than 18 per cent. Where the diameters or sides of bars are larger than one inch, they are to be turned down and tested in accordance with British Standard test piece "B," and shall be capable of withstanding a tensile test of from 21 to 24 tons per square inch, with an elongation of not less than 18 per cent.

Treble Rolled Iron.—Treble Rolled Iron is to be tested similarly to the Double Rolled, and shall be capable of withstanding a tensile test of from 22 to 25 tons per square inch, with an elongation of not less than 22 per cent.

DOGSPIKE STEEL.

Quality of Material and Finish.—All the Mild Steel shall be a good tough steel, presenting a good uniform fracture when broken, free from scale, laminations, and imperfections of every kind. The bars shall be clean in the skin, rolled true to form, and square at the angles, and of a minimum length of 18 feet.

Tensile Test.—The manufactured bars shall be capable of withstanding a tensile test of from 28 to 32 tons per square inch, with an elongation immediately before fracture of not less than 20 per cent. of the original length of 8 inches on a standard test bar of $\cdot 564$ inches diameter.

Bend Test.—The manufactured bars shall be capable, when cold, of withstanding being doubled over until the internal diameter is not greater than $2\frac{1}{2}$ inches, and the sides are parallel.

Variation in Size.—The manufactured bars shall be as near as possible to the exact size, viz., $\frac{3}{4}$ inch square, and the maximum permissible variation in the size of the bars from the specified bars shall not exceed one sixty-fourth of an inch.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
IRON—continued.					
IRON.					
Iron—					
941. Charcoal, Sheet, any width and length ordered, No. 26 to No. 10, B.W.G., as ordered	20 cwt.	..	cwt.	..	Nil
942. Flat, any lengths ordered, and of the following thicknesses and sizes :—	Aust.	50 tons	ton	16 10 0	Lion Rolling Mills Pty. Ltd.
$\frac{3}{8}$ " x $\frac{7}{16}$ " to $\frac{3}{8}$ "—advancing by $\frac{1}{16}$ " ..					
$\frac{7}{8}$ " x $\frac{7}{16}$ " to $\frac{3}{8}$ "—advancing by ..					
1" x $\frac{1}{4}$ " to $\frac{3}{8}$ "—advancing by ..					
$1\frac{1}{8}$ " x $\frac{1}{4}$ " to $\frac{3}{8}$ "—advancing by ..					
$1\frac{1}{4}$ " x $\frac{1}{4}$ " to $\frac{3}{8}$ "—advancing by ..					
$1\frac{3}{8}$ " x $\frac{1}{4}$ " to 1"—advancing by ..					
$1\frac{1}{2}$ " x $\frac{1}{4}$ " to 1"—advancing by ..					
$1\frac{3}{4}$ " x $\frac{1}{4}$ " to 1"—advancing by ..					
2" x $\frac{1}{4}$ " to $1\frac{1}{4}$ "—advancing by ..					
$2\frac{1}{4}$ " x $\frac{1}{4}$ " to $1\frac{1}{2}$ "—advancing by ..					
$2\frac{3}{4}$ " x $\frac{1}{4}$ " to $1\frac{3}{4}$ "—advancing by ..					
3" x $\frac{1}{4}$ " to 2"—advancing by ..					
$3\frac{1}{4}$ " x $\frac{1}{4}$ " to 2"—advancing by ..					
$3\frac{3}{4}$ " x $\frac{1}{4}$ " to 2"—advancing to ..					
4" x $\frac{1}{4}$ " to 2"—advancing by ..					
$4\frac{1}{2}$ " x $\frac{1}{4}$ " to 2"—advancing by ..					
5" x $\frac{1}{4}$ " to $2\frac{1}{4}$ "—advancing by ..					
$5\frac{1}{2}$ " x $\frac{1}{4}$ " to $2\frac{1}{2}$ "—advancing by ..					
6" x $\frac{1}{4}$ " to 2"—advancing by ..					
8" x $\frac{1}{4}$ " to 1"—advancing to ..					
9" x $\frac{1}{4}$ " to 1"—advancing by ..					
943. Flat, any sizes and lengths ordered other than the sizes and lengths up to 6 in. wide covered by the next preceding item, the Contractor to be allowed three months after date of service of order for delivery, so as to admit of importation where stocks are not held in Australia by the Contractor	do.	..	Nil
944. Half-round, any sizes ordered ..	Gt. Brit.	1 ton	do.	24 0 0	} E. Duckett & Sons
945. Hoop, Galvanized, any sizes ordered ..	"	5 tons	do.	30 0 0	
946. Round or Square, as ordered $\frac{1}{8}$ " in thickness or diameter ..	Aust.	} 40 tons	do.	18 0 0	} Lion Rolling Mills Pty. Ltd.
947. Round or Square, as ordered, $\frac{3}{16}$ " in thickness or diameter ..	"		do.	18 0 0	
947A. Round or Square, as ordered, $\frac{3}{8}$ " in thickness or diameter ..	"		do.	17 0 0	
947B. Round or Square, as ordered, over $\frac{5}{8}$ " to 3" in thickness or diameter, as ordered advancing by $\frac{1}{16}$ " ..	"		do.	16 10 0	
948. Sheet, any width and length ordered, No. 24 to No. 8 B.W.G., as ordered	5 "	do.	..	Nil
Best Yorkshire, or other approved make—					
949. Flat, any thickness ordered, and up to 6 in. wide, as ordered ..	Aust.	5 "	do.	21 0 0	} Lion Rolling Mills Pty. Ltd.
950. Round or square, as ordered, from $\frac{1}{2}$ in. to $1\frac{1}{2}$ in. inclusive in thickness or diameter, as ordered, advancing by $\frac{1}{16}$ in., and any lengths ordered ..	"	40 "	do.	21 0 0	
951. Round or square, as ordered, from $1\frac{3}{8}$ in. to 3 in. inclusive in thickness or diameter, as ordered, advancing by $\frac{1}{16}$ in., and any lengths ordered ..	"	20 "	do.	21 0 0	
952. Round or square, as ordered, over 3 in. to 4 in. inclusive in thickness or diameter, as ordered, advancing by $\frac{1}{8}$ in., and any lengths ordered	10 "	do.	..	Nil

Item No. and Description.	Country of Manufacture?	Estimated Requirements for One Year.	Rate per—	Rate.			Name of Contractor.
				£	s.	d.	
IRON—continued.							
DOGSPIKE STEEL.							
953. Steel, Dogspike, Bar, $\frac{3}{4}$ in. square, to Specification (the maximum permissible variation in size not to exceed one sixty-fourth of an inch)	Aust.	500 tons	ton	15	17	6	Gray's Pty. Ltd.
ROLLED IRON.							
954. Iron, Double Rolled, from Scrap purchased from the Corporation, of any sizes and sections ordered	Aust.	250 tons	do.	16	10.	0	Victoria Iron Rolling Co. Pty. Ltd.
955. Iron, Treble Rolled, from Scrap purchased from the Corporation, of any sizes and sections ordered	"	50 "	do.	23	0	0	
956. } Nil. 957. }							

GALVANIZED IRON.

TESTS.

The galvanizing of the Iron submitted under this specification will be subjected to tests to determine the following properties:—

- (a) The weight of zinc per unit area.
- (b) The continuity of the zinc coating.
- (c) The uniformity of the zinc coating.

METHOD OF TESTING.

(a) The weight of zinc per unit area will be determined by the lead acetate test, a brief description of which is as follows:—Accurately measured pieces of the galvanized iron are weighed and then immersed in a strong neutralized solution of lead acetate, when the zinc goes into solution and a spongy lead is deposited on the iron. The pieces are taken out of the solution from time to time and the lead carefully removed. When lead is no longer deposited on the iron, the pieces are removed, carefully dried, and again weighed, the difference between this weight and that originally found representing the amount of zinc, and the weight of zinc is then calculated to ounces per square foot.

(b) The continuity of the zinc coating will be determined by subjecting small areas to the action of hot concentrated caustic soda solution and counting the number of streams of gas (if any) issuing from the surfaces, excluding those issuing from the edges.

(c) The uniformity of the zinc coating will be determined by the copper sulphate immersion test which consists of dipping pieces into a neutralized copper sulphate solution of 1.186 specific gravity at 65 deg. Fahr. for intervals of one minute, thoroughly washing and drying the pieces between each dip.

Sheet, Corrugated, 26 gauge—								
958.	5 ft., 6 ft., 7 ft., 8 ft., as ordered	100 tons	ton	..	} Nil	
959.	9 ft.	..	..	20 "	do.	..
960.	10 ft.	..	..	10 "	do.	..
Sheet, Corrugated, 24 gauge—								
961.	5 ft., 6 ft., 7 ft., 8 ft., as ordered	..	..	60 "	do.	..
962.	9 ft.	..	..	20 "	do.	..
963.	10 ft.	..	..	10 "	do.	..
Sheet, Corrugated, 20 gauge—								
964.	9 ft.	..	..	5 "	do.	..
965.	10 ft.	..	..	5 "	do.	..
966.	Sheet, Plain, 28 to-16 gauge, as ordered, 6ft.	..	..	100 "	do.	..

STEEL.

The Blister, Cast and Double Shear Steel shall bear the proper trade marks or brands, and be of any size or section ordered.

MILD STEEL (ITEMS 974 TO 995).

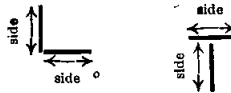
(a) Quality of Material.—The Plates, Sections, and Bars shall be manufactured from Steel made by an approved process, and shall comply in every particular with the requirements of British Standard Specification No. 17 of Report No. 24.

Rejection.—Should the material fail to comply in every particular with the above conditions, the lot from which the test pieces were selected shall be rejected.

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

STEEL—continued.

In the case of all Angle and T Steel referred to in the Schedule, the word "side" shall mean side as indicated for Angles and Tees respectively, thus :—



All Angles supplied under this contract shall be rolled straight.

All Mild Steel, round, square, and flat, shall, prior to delivery, be clearly and durably painted on each end with Blue paint, by and at the expense of the Contractor.

Every Bar of Rivet Steel shall, prior to delivery, be clearly and durably painted on each end with Green paint, by and at the expense of the Contractor.

MILD STEEL (CHANNEL AND FISHPLATE SECTION) (ITEMS 996 AND 997).

Quality of Material.—The sections shall be manufactured from Steel made by an approved process, and shall comply in every particular with the requirements of British Standard, Specification No. 17 of Report No. 24. Each length of Mild Steel (Channel Section) shall be straight.

Rejection.—Should the material fail to comply in every particular with the above conditions, the lot from which the test pieces were selected shall be rejected.

SPRING STEEL (ITEMS 998 TO 999A).

The samples exhibited by the Corporation for Item 998 are samples as regards shape only.

(a) Quality of Material.—The bars shall be manufactured from Steel of the highest quality made by an approved process and from the best selected material, and shall not show on analysis more than .8 per cent. nor less than .5 per cent. of carbon for flat bars, and 1.3 per cent. nor less than .8 per cent. of carbon for round bars, nor more than .035 per cent. of sulphur or of phosphorus for all sections. The Contractor shall supply an analysis whenever required to do so.

(b) Freedom from Defects.—The steel bars when rolled shall be perfectly smooth on their surfaces, and free from defects of every kind, and true to section. In the flat bars a concavity of 1/64th inch will be allowed on each side.

(c) Weight.—All the bars, both round and flat, shall stand up to the dimensions as ordered. An allowance of 2 per cent. in the weight of the bars over the calculated weight shall be permitted and paid for; but any bars under the calculated weight shall be rejected. Bars may be accepted up to 4 per cent. above the calculated weight, but nothing over the 2 per cent. allowance shall be paid for.

(d) Branding.—Each bar shall be stamped with the manufacturer's name and date of manufacture.

(e) Mechanical Tests.—Test pieces taken from the bars shall comply with the following tests :—

(f) Cambering Test for Flat Bars.—Pieces of flat bars 30 inches long shall be cambered to a radius of 80 times their thickness, hardened and tempered, and, after being pressed straight once and the camber carefully noted, must stand being pressed straight again six times in quick succession without showing any permanent set.

(g) Round Bars.—The round bars shall be capable of being hardened in oil.

(h) Rejection.—Should the material fail to comply in every particular with the above conditions, the lot from which the test pieces were selected shall be rejected.

The Spring Steel—round, bar, and flat—shall, prior to delivery, be clearly and durably painted on each end with Yellow paint by and at the expense of the Contractor.

As regards item No. 967—Time for importation is to be allowed (see note for item 998 re ordering, &c).

CAST STEEL, ETC.

967. Steel, Blister	Gt. Brit.	20 cwt.	ton	41 6 0	Steel, Peech, and Tozer Ltd.
968. Steel, Cast, Blacksmiths' quality, Flat, Round, Square, Oval, or Octagon, as ordered, "Toledo"	Gt. Brit.	200 "	cwt.	2 5 0	
969. Steel, Cast, Octagon, Miner's Drill, "Toledo"	"	30 "	do.	2 0 0	Search & Houston Pty. Ltd.
970. Steel, Cast, for Chisels, Snaps, Cold Sets, &c., Round, Square, or Oval, "Toledo" MY	"	200 "	lb.	0 1 5	
970A. Steel, Cast, for Taps, Dies, Milling Cutters, &c., Flat, Round, Square, Oval, or Octagon, as ordered, "Poldi"	Czecho-Slov.		cwt.	3 11 0	Poldi Steel Co. (Aust.) Ltd.
971. Steel, Double Shear, Flat, Round, or Square as ordered, "Armstrong Whitworth"	Gt. Brit.	200 cwt.	do.	2 6 0	Gilbert Lodge & Co. Ltd.
FISHBOLT AND NUT STEEL.					
972. Steel, Fishbolt, 7/8 in. diameter	"	nil	ton	..	} Ni
973. Steel, Fishbolt Nut, 1 1/4 in. x 1 1/8 in.	"	"	do.	..	

Item No. and Description, *	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
<i>STEEL—continued.</i>					
MILD STEEL.					
974. Angle of equal and unequal sides, the added inches of both sides not to exceed a total of 8 in., and up to $\frac{3}{8}$ in. thick, any thicknesses, sizes, and lengths ordered other than the thicknesses, sizes, and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by the Contractor)	..	..	ton	..	Nil
975. Angle of equal and unequal sides, and of the following sizes, thicknesses (up to $\frac{3}{8}$ "), and lengths—advancing by $\frac{1}{2}$ of an inch— $1'' \times 1'' \times \frac{3}{16}''$ to $\frac{1}{4}''$ up to 35' long .. $1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{3}{16}''$ to $\frac{1}{4}''$ up to 35' long .. $1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{4}''$ to $\frac{3}{8}''$ up to 35' long .. $1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{4}''$ to $\frac{3}{8}''$ up to 30' long .. $1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{4}''$ to $\frac{3}{8}''$ up to 30' long .. $2'' \times 2'' \times \frac{1}{4}''$ to $\frac{1}{2}''$ up to 30' long .. $2\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{1}{4}''$ to $\frac{1}{2}''$ up to 30' long .. $2\frac{1}{2}'' \times 2\frac{1}{2}'' \times \frac{1}{4}''$ to $\frac{1}{2}''$ up to 30' long .. $3'' \times 3'' \times \frac{1}{4}''$ to $\frac{3}{8}''$ up to 30' long .. $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{3}{8}''$ to $\frac{3}{8}''$ up to 30' long .. $4'' \times 4'' \times \frac{1}{4}''$ to $\frac{3}{8}''$ up to 25' long .. $1\frac{1}{2}'' \times 1'' \times \frac{1}{4}''$ up to 35' long .. $3'' \times 2'' \times \frac{1}{4}''$ to $\frac{1}{2}''$ up to 35' long .. $3'' \times 2\frac{1}{2}'' \times \frac{1}{4}''$ to $\frac{1}{2}''$ up to 35' long .. $3\frac{1}{2}'' \times 3'' \times \frac{3}{8}''$ to $\frac{1}{2}''$ up to 35' long .. $4'' \times 3'' \times \frac{3}{8}''$ to $\frac{1}{2}''$ up to 35' long ..	Aust.	75 tons	do.	18 0 0	Lion Rolling Mills Pty. Ltd.
976. Angle of equal and unequal sides, the added inches of both sides not to exceed a total of 8 in., over $\frac{3}{8}$ in. thick, any thicknesses, sizes, and lengths ordered other than thicknesses, sizes, and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by the Contractor)	..	..	do.	..	Nil
977. Angle, $4'' \times 4'' \times \frac{3}{4}''$ up to 25' long	Aust.	5 tons	do.	18 0 0	Lion Rolling Mills Pty. Ltd.
978. Angle of equal and unequal sides, in which the added inches of both sides exceed a total of 8 in., and do not exceed a total of 18 in., any thicknesses, sizes, and lengths ordered other than the thicknesses, sizes, and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by Contractor)	..	20	do.	..	Nil
979. Angle of equal and unequal sides, in which the added inches of both sides exceed a total of 8 in. and do not exceed a total of 18 in., in thicknesses, sizes, and lengths as ordered, provided that no thicknesses, sizes, and lengths other than those set out in the annexed list shall be ordered under this item, and that the Contractor shall be under obligation to supply from stocks held by him in Australia all Angles of the thicknesses, sizes, and lengths set out in such list in such quantities as may be ordered from time to time	..	..	do.	..	Nil

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
<i>MILD STEEL—continued.</i>					
980. Flat, $\frac{3}{16}$ in. thickness or over, as ordered, from $\frac{3}{8}$ in. to 9 in. wide, any thicknesses, sizes, and lengths ordered other than the thicknesses, sizes, and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by the Contractor)		40 tons	ton		Nil.
981. Flat, in lengths as ordered, and of the following thicknesses and sizes, advancing by $\frac{1}{8}$ "— $\frac{3}{8}$ " x $\frac{1}{2}$ " to $\frac{5}{8}$ " $\frac{3}{8}$ " x $\frac{1}{2}$ " to $\frac{3}{4}$ " 1 " x $\frac{1}{4}$ " to $\frac{3}{8}$ " $1\frac{1}{8}$ " x $\frac{1}{4}$ " to $\frac{3}{4}$ " $1\frac{1}{4}$ " x $\frac{1}{4}$ " to $\frac{3}{4}$ " $1\frac{3}{8}$ " x $\frac{1}{4}$ " to 1 " $1\frac{1}{2}$ " x $\frac{1}{4}$ " to 1 " $1\frac{3}{4}$ " x $\frac{1}{4}$ " to 1 " 2 " x $\frac{1}{4}$ " to $1\frac{1}{2}$ " $2\frac{1}{4}$ " x $\frac{1}{4}$ " to $1\frac{1}{2}$ " $2\frac{1}{2}$ " x $\frac{1}{4}$ " to $1\frac{1}{2}$ " 3 " x $\frac{1}{4}$ " to 2 " $3\frac{1}{4}$ " x $\frac{1}{4}$ " to 2 " $3\frac{1}{2}$ " x $\frac{1}{4}$ " to 2 " 4 " x $\frac{1}{4}$ " to 2 " $4\frac{1}{4}$ " x $\frac{1}{4}$ " to 2 " 5 " x $\frac{1}{4}$ " to $2\frac{1}{2}$ " $5\frac{1}{2}$ " x $\frac{1}{4}$ " to $2\frac{1}{2}$ " 6 " x $\frac{1}{4}$ " to 2 " 8 " x $\frac{1}{4}$ " to 1 " 9 " x $\frac{1}{4}$ " to 1 "	Aust.	80 "	do.	16 5 0	Lion Rolling Mills Pty. Ltd.
982. Hoop, up to $\frac{3}{8}$ in. thickness, as ordered, any sizes ordered Plate, from $\frac{3}{8}$ in. up to 1 in., as ordered, advancing by $\frac{1}{16}$ in. over 9 in. in width	Gt. Brit.	10 "	do.	21 0 0	E. Duokett & Sons
983. Any thicknesses, widths, and lengths ordered other than the thicknesses, widths, and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by the Contractor)					
984. In thicknesses, widths, and lengths ordered, provided that no thicknesses, widths, and lengths other than those set out in the annexed list shall be ordered under this item, and that the Contractor shall be under obligation to supply from stocks held by him in Australia all Plates of the thicknesses, widths, and lengths set out in such list, in such quantities as may be ordered from time to time.. .. .		500 "	do.		Nil.
985. Round, $1\frac{1}{8}$ in. diameter, cut to following lengths:—2 ft. 8 $\frac{1}{2}$ in., 2 ft. 2 in., or 1 ft 9 $\frac{1}{2}$ in., as ordered	Aust.	5 "	do.	17 0 0	Lion Rolling Mills Pty. Ltd.
986. Round or Square, as ordered, from $\frac{1}{4}$ in. to 3 in. in thickness or diameter as ordered, advancing by $\frac{1}{16}$ in., any lengths ordered		100 "	do.	16 5 0	
987. Round or Square, as ordered, over 3 in. to 4 in. in thickness or diameter as ordered, advancing by $\frac{1}{4}$ in., any lengths ordered		5 "	do.		Nil

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per	Rate.	Name of Contractor.
				£ s. d.	

STEEL—continued.

MILD STEEL—continued.

988. Sheet, No. 28 to No. 8 B.W.G., as ordered—Any gauges, widths, and lengths ordered other than the gauges, widths, and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by the Contractor) ..	..	250 tons	ton		
989. Any gauges, widths, and lengths as ordered, provided that no gauges, widths, and lengths other than those set out in the annexed list shall be ordered under this item, and that the Contractor shall be under obligation to supply from stocks held by him in Australia all Sheets of the gauges, widths, and lengths set out in such list, in such quantities as may be ordered from time to time ..	..		do.	..	
990. T of equal and unequal sides, the added inches of both sides not to exceed a total of 8 in., and up to ½ in. thick, any thicknesses, sizes, and lengths ordered other than the thicknesses, sizes, and lengths covered by the next following item. (The Contractor to be allowed three months after date of service of order for delivery so as to admit of importation where stocks are not held in Australia by the Contractor) ..	..	10 "	do.	..	Nil.
991. T of equal and unequal sides, the added inches of both sides not to exceed a total of 8 in., and up to ½ in. thick, in thicknesses, sizes, and lengths as ordered, provided that no thicknesses, sizes, or lengths other than those set out in the annexed list shall be ordered under this item, and that the Contractor shall be under obligation to supply from stocks held by him in Australia all Mild Steel of the thicknesses, sizes, and lengths set out in such list, in such quantities as may be ordered from time to time ..	..		do.	..	

STEEL—RIVET.

992. Round, 5/8 in. diameter	Aust.	40 tons	do.	16 7 6	} Grays Pty. Ltd.
992A. Round, 3/4 in. diameter .. ..	..	40 "	do.	16 7 6
993. Round, 1 in. diameter .. ..	..	40 "	do.	16 7 6
994. Round, 1 1/4 in. diameter .. ..	..	80 "	do.	16 7 6
995. Round, 1 1/2 in. diameter .. ..	..	40 "	do.	16 7 6

(NOTE.—Items 992 to 995.—The maximum permissible variation in diameters not to exceed one two hundred and fiftieth of an inch.)

MILD STEEL (CHANNEL AND FISHPLATE).

*996. Mild Steel, Channel, in lengths of from 12 ft. to 23 ft.	Aust.	75 "	do.	22 5 0	} Lion Rolling Mills Pty. Ltd. Grays Pty. Ltd.
*997. Mild Steel, Fishplate, for Channel	5 "	do.	22 5 0	

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

STEEL—continued.

SPRING STEEL.

The rates of the Victorian Iron Rolling Co. Pty. Ltd. are the lower and orders should be placed on this Company as long as they are able to supply.

As regards Items 998A and 999A—10 weeks are to be allowed for importation. The rates tendered are excluding duty and wharfage. Duty is to be paid by the Contractor and reimbursed by the Department on production of the necessary documentary evidence. Wharfage is to be arranged by the Department, and to enable this to be done, orders should be endorsed. "Bills of Lading" are to be made out in favour of the Government of Victoria (The Victorian Railways Commissioners).

*998. Steel, Spring, Flat, Rolled Concave, for the purpose of making laminated and volute Springs for engines, carriages, and wagons, any sizes ordered not under ¼" thick	Aust.	250 tons	ton	21 0 0	Victoria Iron Rolling Co. Pty. Ltd.
*998A. Steel, Spring, Flat Rolled Concave, for the purpose of making laminated and volute springs for engines, carriages, and wagons, 3" to 5" x ⅜" to ¾" thick	Gt. Brit.		do.	19 8 6 excluding duty and wharfage	Steel, Peech & Tozer Ltd.
999. Steel, Spring, Round, in bars, of any sizes ordered not under ½" diameter, and cut to any lengths ordered	Aust.	75 tons	do.	22 10 0	Victoria Iron Rolling Co. Pty. Ltd.
999A. Steel, Spring, Round, in Bars, for sizes from over 1" to 4½", and cut to any lengths ordered	Gt. Brit.		do.	22 11 0 excluding duty and wharfage	Steel, Peech & Tozer Ltd.
999B. Steel, Spring, Round, in coils, any sizes ordered	..	1 ton	do.	..	Nil.

STEEL BLOOMS FOR LOCOMOTIVE STRAIGHT, CAR, AND WAGON AXLES.

Quality of Material.—The Steel Blooms shall be manufactured from the highest quality of steel made from the best selected material by the Open Hearth process, and shall show on analysis not more than .035 per cent. of sulphur or of phosphorus. They shall be forged by the most suitable appliances, capable of exerting pressure of sufficient intensity to insure homogeneity of material throughout.

The Blooms shall be free from defects of any kind, and accurately finished to the prescribed dimensions shown on diagrams on Litho. No. 21/20. They shall be hammered or forged into axles and annealed by the Corporation, and each axle when finished shall be branded with the initials of the firm supplying the Blooms.

Tensile Test.—The steel in the Blooms shall be tested in accordance with British Standard-test piece "C," and shall be capable of withstanding a tensile test of not less than 35 to 40 tons per square inch, with an elongation of not less than 25 per cent. and 20 per cent. respectively.

In the event of work being performed by the Corporation on any Bloom which is subsequently rejected, the Contractor may be called upon to pay the cost involved in the performance of such work.

Steel Blooms as per—					
1000.	Diagram No. 2 on Litho. No. 21/20 ..	} Nil.	ton	} Nil.	
1001.	Diagram No. 2A on Litho. No. 21/20 ..		do.		
1002.	Diagram No. 5 on Litho. No. 21/20 ..		do.		
1003.	Diagram No. 5A on Litho. No. 21/20 ..		do.		
1004.	Diagram No. 6 on Litho. No. 21/20 ..		do.		
1005.	Diagram No. 6A on Litho. No. 21/20 ..		do.		
1005A.	Diagram No. 6B on Litho. No. 21/20 ..		do.		
1006.	Diagram No. 8 on Litho. No. 21/20 ..		do.		
1007.	Diagram No. 8A on Litho. No. 21/20 ..		do.		
1007A.	Diagram No. 9 on Litho. No. 21/20 ..	do.			

SHAFTING.

Name of Manufacturer—

Items 1008, 1009, 1022-1024—Kirkstall or Wynne & Martin.

Items 1010-1012, 1015-1021—H. V. McKay Pty. Ltd.

Items 1013 and 1014—Halesoven, Brunton, Kirkstall, J. Hampton, or other leading British makers.

The shafting shall be supplied straight and true.

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

SHAFTING—continued.

The measurement of the Bright Rolled Hexagon Shafting provided under Items 1022 to 1024 inclusive is the diameter across the flat.

1008. Shafting, Bright, Rolled, Round, $\frac{3}{8}$ "	Gt. Brit.	1 cwt.	cwt.	2	2	0	E. Duckett & Sons
1009. Shafting, Bright, Rolled, Round, $\frac{1}{2}$ "	"	2 "	do.	2	0	0	
1010. Shafting, Bright, Rolled, Round, $\frac{3}{4}$ "	Aust.	15 "	do.	2	0	0	Benson Bros. Ltd.
1011. Shafting, Bright, Rolled, Round, $\frac{1}{2}$ "	"	20 "	do.	1	18	0	
1012. Shafting, Bright, Rolled, Round, $\frac{3}{4}$ "	"	20 "	do.	1	16	0	Benson Bros. Ltd.
1013. Shafting, Bright, Rolled, Round, $\frac{7}{8}$ "	Gt. Brit.	15 "	do.	1	9	6	
1014. Shafting, Bright, Rolled, Round, $\frac{7}{8}$ "	"	1 "	do.	1	9	6	Benson Bros. Ltd.
1015. Shafting, Bright, Rolled, Round, 1"	Aust.	10 "	do.	1	10	0	
1016. Shafting, Bright, Rolled, Round, $1\frac{1}{8}$ "	"	10 "	do.	1	10	0	Benson Bros. Ltd.
1017. Shafting, Bright, Rolled, Round, $1\frac{1}{4}$ "	"	30 "	do.	1	10	0	
1018. Shafting, Bright, Rolled, Round, $1\frac{1}{2}$ "	"	40 "	do.	1	10	0	Benson Bros. Ltd.
1018A. Shafting, Bright, Rolled, Round, $1\frac{3}{4}$ "	"	10 "	do.	1	10	0	
1019. Shafting, Bright, Rolled, Round, 2"	"	100 "	do.	1	10	0	Benson Bros. Ltd.
1020. Shafting, Bright, Rolled, Round, $2\frac{1}{2}$ "	"	30 "	do.	1	10	0	
1021. Shafting, Bright, Rolled, Round, 3"	"	15 "	do.	1	10	0	E. Duckett & Sons
1022. Shafting, Bright, Rolled, Hexagon, 7094	Gt. Brit.	1 "	do.	1	12	0	
1023. Shafting, Bright, Rolled, Hexagon, 919	"	1 "	do.	1	9	0	E. Duckett & Sons
1024. Shafting, Bright, Rolled, Hexagon, 111	"	1 "	do.	1	8	0	
1025 to 1128 Nil.							

CHAIN (VARIOUS).

The Chain supplied under Items 1129 and 1130 shall be what is known as "close link."

As regards Items 1131 to 1134, the links shall be of uniform shape and size, neatly and perfectly welded, so that the correct form is preserved throughout.

The Chain under Items 1129 and 1130 shall be supplied in lengths up to 200 feet, as ordered, and accompanied by a Proof Certificate from a public testing machine licensed by the Board of Trade. The Chain supplied under Items 1131 to 1134 shall be accompanied by a Proof Certificate from a public testing machine and be supplied in lengths as ordered.

The proof load of all chain supplied shall be at least equal to that required by the British Admiralty, and a certificate to this effect shall be furnished.

The Chain supplied under Items 1129, 1130, and 1132 to 1134 shall be 15 per cent. over Admiralty Test.

The Chain supplied under Item 1131 shall be tested coil chain.

Name of Manufacturer—

Item 1129—McKinnon Chain Co.

Item 1130—Hingley & Son.

Item 1131—Kendrick & Mole.

Items 1132 to 1134—Walkers "Best Tested."

1129. Chain, Iron, Wrought, "Best Best," Short Link Crane, self coloured, $\frac{3}{8}$ in. to $\frac{1}{2}$ in., as ordered	Canada	10 cwt.	cwt.	2	12	0	Inglis-Smith & Co
1130. Chain, Iron, Wrought, "Best Best," Short Link Crane, self coloured, $\frac{1}{2}$ in. to 1 in., as ordered	Gt. Brit.	20 "	do.	2	7	6	
Chain, Iron, Wrought, Short Link Coil, self coloured—							Briscoe & Co. Ltd.
1131. $\frac{3}{8}$ in.	"	10 "	do.	3	10	0	
1132. $\frac{1}{2}$ in.	"	5 "	do.	2	19	0	E. Duckett & Sons
1133. $\frac{3}{8}$ in. or $\frac{1}{2}$ in., as ordered	"	5 "	do.	2	10	0	
1134. $\frac{1}{2}$ in. or $\frac{3}{4}$ in.	"	5 "	do.	2	6	0	

WIRE ROPE.

Name of Manufacturer—

Items 1135-1137—John Shaw Ltd.

Items 1137A-1142—Thos. & Wm. Smith Ltd.

Rope, Steel Wire, special flexible, Galvanized—

Circumference.	No. of Strands.	No. of Wires per Strand.	Aggregate Breaking Strength of Rope.						
1135. $\frac{1}{2}$ "	6	10	.55 Tons	Gt. Brit.	4,000 feet	foot	0	0	1
1136. $\frac{5}{8}$ "	6	10	.83 "	"	3,500 "	do.	0	0	$\frac{1}{2}$
1137. $\frac{3}{4}$ "	6	19	1.6 "	"	3,500 "	do.	0	0	$\frac{1}{2}$

Hardware Co. of Aust. Pty. Ltd.

Item No. and Description.		Country of Manufacture.	Estimated Requirements for the Year.	Rate per—	Rate.	Name of Contractor.
					£ s. d.	
WIRE ROPE—continued.						
Rope, Steel Wire, special flexible, Galvanized—						
Circumference.	No. of Strands.	No. of Wires per strand.	Aggregate Breaking Strength of Rope.			
1137A. 1"	6	19	3.3 tons	Gt. Brit.	500 feet	foot 0 0 2
1138. 1¼"	6	19	5.1 "	"	500 "	do. 0 0 2½
1138A. 1½"	6	19	7.3 "	"	2,500 "	do. 0 0 3
1139. 1¾"	6	19	9.8 "	"	200 "	do. 0 0 4
1140. 2"	6	19	13.4 "	"	3,000 "	do. 0 0 4½
1140A. 2¼"	6	19	17.5 "	"	2,500 "	do. 0 0 5½
1141. 2½"	6	19	20.6 "	"	500 "	do. 0 0 6½
1142. 2½" in circumference, 6 strand, 12 wires per strand, for tail ropes				"	2,500 "	do. 0 0 4¾

B. K. Morton Pty. Ltd.

WIRE, WIRE WORK, ETC.

The Signal Wire under Item 1153 shall be seven strand, made of the best low carbon steel, 17 B.W.G. It shall be tough and close grained, free from scale, inequalities, flaws, and other defects, uniformly cylindrical, and of the size specified.

The Wire is to be delivered in coils, weighing about 1 cwt. each, and each coil shall be continuous in length, and without any joints in the strands. The lay of the strands is to be the same as that of the sample.

The Wire shall be well galvanized with zinc spelter, and shall be capable of withstanding the undermentioned tests:—

TESTS.

Tension—The breaking strength of the wire shall be not less than 2,000 lbs., nor more than 2,300 lbs.

Galvanizing—The galvanizing shall be such that when the Wire is unstranded each strand shall withstand bending around a cylinder having a diameter of one-quarter of an inch, and afterwards straightening without showing any signs of the zinc cracking or peeling off.

In the case of fencing wire required for delivery other than at the Spencer-street Store, the Contractor will require to have the same weighed at the Weighbridge, Spencer-street Goods Sheds, and attach to his delivery docket a copy of the Weighbridge Ticket, showing the number of coils and weight of Wire delivered. Such Weighing and Weighbridge Ticket to be performed and furnished by the Corporation free of cost to the Contractor.

The Mild Steel Wire under Item 1152 shall be of the best quality mild steel, and shall be free from rust and defects of any kind.

A test piece of the wire must withstand, without fracture, being doubled over, cold, until the internal radius is not greater than 1½ times the thickness of the test piece and the sides are parallel.

The Wire shall be supplied in coils.

Carriage Hat Nets, Item 1169—The sample exhibited by the Department is for description only. Nets to be made from hard-drawn bright iron wire, No. 14 B.W.G., free from rust and scale; one edge to be arranged to fit round ¾-in. diameter tubing (tubes not required). The other edge and both ends to be formed of ⅜ inch diameter wire. Standard mesh to be woven. Nets to be formed to suit brackets in accordance with sample. No tinning required.

As regards items No. 1148-1148B, and 1151—One month to be allowed for delivery.

Name of Manufacturer—

Items 1143 and 1144—Kynocks.

Item 1145—Metal Manufacturers Ltd.

Item 1155—F. Gold Nail Works.

Item 1162—Rollason's.

Items 1146, 1148-1152, 1154, 1202 to 1204—Rylands (Aust.) Ltd.

WIRE.						
1143. Brass, 6 to 20 gauge, as ordered	Gt. Brit.	1,000 lbs.	lb.	0 1 2	E. Duckett & Sons	
1144. Brass, ¼ in. or ⅝ in., as ordered	"	250 "	do.	0 1 2½	Briscoe & Co. Ltd.	
1145. Copper, 14 to 21 gauge, as ordered	Aust.	2,000 "	do.	0 1 4½	E. Duckett & Sons	
1146. Iron, Black annealed, 8 to 16 gauge, as ordered, in 1 cwt. coils	"	50 cwt.	cwt.	1 7 0	Briscoe & Co. Ltd.	
1147. Iron, Charcoal, Galvanized, 10 to 20 gauge, as ordered	"	30 "	do.	2 0 0	Greer & Ashburner	
1148. Iron, Galvanized, 14 gauge	"	50 "	ton	23 15 0	Elder, Smith, & Co. Ltd.	
1148A. Iron, Galvanized, 15 gauge	"	40 "	do.	30 5 0		
1148B. Iron, Galvanized, 16 gauge	"	40 "	do.	32 5 0		
1149. Iron, Tinman's, 6 to 14 gauge, as ordered	"	40 "	cwt.	1 0 0	Premier Wire Works	
1150. Iron, Tinned, 8 to 18 gauge, as ordered	"	20 "	do.	1 18 0	Peter Young	
1151. Iron, Welding, 10 gauge, annealed	"	40 "	ton	26 5 0	Elder, Smith, & Co. Ltd.	
1152. Mild Steel, Black, 6 gauge	"	10 tons	do.	21 10 0	E. Duckett & Sons	
1153. Steel, Strand, Signal, Galvanized, 17 B.W.G. x.7 strand	"	10 "	do.		Nil	
1154. Steel, Galvanized, Plain Fencing, 8 gauge.	Aust.	120 "	do.	19 13 11	E. Duckett & Sons	
1155. Steel, Galvanized, Barbed, Fencing, 12 gauge	"	30 "	do.	24 17 6		

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor
				£ s. d.	
WIRE, WIRE WORK, ETC.—continued.					
<i>WIRE—continued.</i>					
†1156. Spring Steel, hard-drawn— 14 gauge	Gt. Brit.	120 lbs.	lb.	0 0 10	} Melbourne Wire Works
†1157. 16 gauge	"	120 "	do.	0 0 11	
†1158. 17 gauge	"	120 "	do.	0 1 0	
†1159. 18 gauge	"	120 "	do.	0 1 0	
†1160. 19 gauge	"	120 "	do.	0 1 3	} Melbourne Wire Works
†1161. 20 gauge	"	120 "	do.	0 1 3	
†1162. Steel Music Wire, hard or soft tempered, 12 to 24 B.W.G., as ordered	"	800 "	do.	0 2 9	Greer & Ashburner
<i>WIRE WORK, ETC.</i>					
*1163. Baskets, Document, large	Aust.	100	each	0 1 10	} Premier Wire Works
*1164. Baskets, Document, small	"	50	do.	0 1 5	
*1165. Fasteners, Dropper	"	100 cwt.	cwt.	1 8 0	Cyclone Pty. Ltd.
*1165A. Gauze, Brass, any gauges and meshes ordered	Gt. Brit. & Aust.	1,200 sq. ft.	sq. ft.	0 2 3	Peter Young
*1166. Guards, Galvanized Wire, for Booking Windows	Aust.	100 "	do.	0 3 0	Arthur Young
*1167. Guards, Wire, for Lamps	"	5,000	each	0 0 10	Premier Wire Works
*1167A. Guards, Brass Wire, for Booking Windows	"	50 sq. ft.	sq. ft.	0 4 6	Arthur Young
1168. Mattresses, Wire, 6 ft. 6 in. x 2 ft. 6 in. x 3-ply	"	75	each	1 5 0	Melbourne Wire Works
*1169. Nets, Carriage, Hat	"	5,000 sq. ft.	sq. ft.	0 1 0	Arthur Young
1170. Net, Galvanized, for Window Screens, $\frac{1}{16}$ in. mesh	"	3,500 "	do.	0 0 10	Greer & Ashburner
1171. Sieves, Brass, $\frac{1}{4}$ in. mesh or less, and any sizes and meshes ordered	"	600 in.	per 1 in. diameter.	0 0 8	} Peter Young
1172. Sieves, Iron, any sizes and meshes ordered	"	3,500 "	do.	0 0 5	
1173-1177.—Nil.					
<i>Wires, Steel, Straight, Coppered—</i>					
*1178. 5 ft. $11\frac{1}{8}$ in. x 6 gauge (No. 1)	"	20 gross	gross	2 2 0	} Melbourne Wire Works
*1179. 3 ft. $10\frac{3}{8}$ in. x 6 gauge (No. 2)	"	20 "	do.	1 11 4	
*1180. 3 ft. $7\frac{3}{8}$ in. x 6 gauge (No. 3)	"	10 "	do.	1 10 6	
*1181. 1 ft. $4\frac{1}{2}$ in. x 6 gauge (No. 4)	"	150 "	do.	0 17 0	
*1182. 8 ft. 3 in. x 6 gauge (No. 5)	"	10 "	do.	2 18 0	
*1183. 3 ft. $11\frac{1}{2}$ in. x 6 gauge (No. 6)	"	30 "	do.	1 12 6	
*1184. 2 ft. $5\frac{1}{2}$ in. x 6 gauge (No. 7)	"	20 "	do.	1 5 9	
*1185. 5 ft. $11\frac{1}{4}$ in. x 6 gauge (No. 8)	"	10 "	do.	2 2 0	
*1186. 3 ft. $11\frac{3}{8}$ in. x 6 gauge (No. 9)	"	10 "	do.	1 11 9	
*1187. 1 ft. $10\frac{3}{4}$ in. x 6 gauge (No. 10)	"	10 "	do.	0 19 9	
*1188. 1 ft. 4 in. x 6 gauge (No. 11)	"	80 "	do.	0 16 6	
*1189. 5 ft. $7\frac{3}{8}$ in. x 6 gauge (No. 12)	"	10 "	do.	1 19 6	
*1190. 5 ft. $10\frac{1}{4}$ in. x 6 gauge (No. 13)	"	10 "	do.	2 1 6	
*1191. 1 ft. $7\frac{1}{4}$ in. x 6 gauge (No. 14)	"	10 "	do.	0 18 6	
*1192. 7 ft. $11\frac{1}{4}$ in. x 6 gauge (No. 15)	"	10 "	do.	2 15 6	
*1193. 7 ft. $4\frac{1}{2}$ in. x 6 gauge (No. 16)	"	10 "	do.	2 12 6	
*1194. 3 ft. $10\frac{1}{2}$ in. x 6 gauge (No. 17)	"	5 "	do.	1 13 0	
*1195. 2 ft. 4 in. x 6 gauge (No. 18)	"	5 "	do.	1 4 9	
*1196. 3 ft. $8\frac{3}{8}$ in. x 6 gauge (No. 19)	"	5 "	do.	1 12 0	
*1197. 3 ft. $10\frac{3}{8}$ in. x 6 gauge (No. 20)	"	5 "	do.	1 12 6	
*1198. 3 ft. $9\frac{3}{8}$ in. x 6 gauge (No. 21)	"	5 "	do.	1 12 0	
*1199. 2 ft. $4\frac{5}{8}$ in. x 6 gauge (No. 22)	"	5 "	do.	1 4 6	
*1200. 2 ft. $3\frac{3}{8}$ in. x 6 gauge (No. 23)	"	5 "	do.	1 4 3	
*1201. 7 ft. $0\frac{1}{2}$ in. x 6 gauge (No. 24)	"	5 "	do.	2 11 6	
<i>WIRE NETTING, ETC.</i>					
1202. Netting, Galvanized, $\frac{1}{2}$ in. mesh, 20 gauge, any widths ordered	Aust.	1,500 sq. yds.	sq. yd.	0 0 11	E. Duckett & Sons

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
WIRE, WIRE WORK, ETC.—continued.					
<i>Wire Netting, &c.—continued.</i>					
1203. Netting, Galvanized, 1½ in. mesh, 16 gauge, any widths ordered	Aust.	2,500 sq. yds.	sq. yd.	0 0 7½	E. Duckett & Sons
1204. Netting, Galvanized, 1½ in. mesh, 17 gauge, 42 in. wide, in rolls of 100 yards	"	750 lin. yds.	100 lin. yds.	2 7 6	Briscoe & Co Ltd.
†1205. Wire, Woven, Galvanized, 16 gauge, ⅜ in. mesh, up to 36 in. wide, as ordered	"	7,000 sq. ft.	sq. ft.	0 1 0	Peter Young

GALVANIZED IRONWARE AND TINWARE.

As regards Items 1245 and 1246—"Orb" Brand of corrugated and "Queen's Head" Brands of plain Iron, 24" gauge, shall be used in the manufacture of the tanks.

The Tanks under Items 1245 and 1246 shall be carefully and properly loaded in trucks at Footscray Railway Station, such loading to be performed by and at the expense of the Contractor.

All Tinware to be inspected by the Foreman of the Lamp Shop before acceptance.

†1206. Baths, Iron, Galvanized, 24 G., 5' 6", rolled top, with 2" plug, washer, and brass chain, M.M.B.W. pattern	Aust.	175	each	1 9 9	J. W. Hicks
1207. Billies, Tin, 1 pint	"	200	do.	0 1 3	Titan Manufg. Co. Pty. Ltd.
1208. Billies, Tin, quart	"	300	do.	0 1 8	
1208A. Billies, Tin, quart, without lids	"	100	do.	0 1 3	
* 1209. Billies, Tin, ½ gallon	"	200	do.	0 2 1	
1209A. Billies, Tin, ½ gallon, without lids	"	75	do.	0 1 8	
1210. Billies, Tin, gallon	"	200	do.	0 3 0	
1210A. Billies, Tin, gallon, without lids	"	75	do.	0 2 6	
*1211. Bins, Dust, Galvanized Iron, 18" x 18" x 24"	"	100	do.	0 12 6	Radford & Co.
1212. Bottles, Oil, 1 pint	"	1,000	do.	0 1 9	
* 1213. Bottles, Oil, 1 quart	"	1,200	do.	0 2 0	
1214. Bottles, Oil, 6 pints	"	1,000	do.	0 3 6	W. & T. R. Fisher
†1215. Buckets, Galvanized, strapped sides and bottoms, 12"	"	300	do.	0 2 8	
*1216. Buckets, Galvanized, strapped sides and bottoms, 14"	"	50	do.	0 4 6	Radford & Co.
*1217. Cans, Toilet	"	10	do.	0 11 0	
*1218. Cans, Watering, Galvanized, with rose, 4 gallons	"	60	do.	0 11 6	A. G. Way & Co
1218A. Drums, Oil, Iron, 5 gallons	"	50	do.	Nil
1218B. Drums, Oil, Iron, 10 gallons	"	Nil	do.	.. .. .
* 1219. Feeders, Tin, Engine, long spout, 1 pint	Aust.	60	do.	0 4 5	Titan Manufg. Co. Pty. Ltd.
1220. Feeders, Tin, Engine, long spout, 2 pints	"	400	do.	0 5 2	
1221. Feeders, Tin, conical, 1 pint	"	200	do.	0 1 11	Radford & Co.
* 1222. Feeders, Tin, conical, 2 pints	"	20	do.	0 2 9	
1223. Feeders, Tin, spring, ½ pint	"	80	do.	Nil
* 1224. Feeders, Tin, spring, 1 pint	"	120	do.	.. .. .
1225. Funnels, Tin, 1 pint	Aust.	50	do.	0 1 2	Radford & Co.
* 1226. Funnels, Tin, 1 quart	"	50	do.	0 1 6	Titan Manufg. Co. Pty. Ltd.
*1227. Kettles, Oil, 5 pints	"	100	do.	0 8 9	Radford & Co.
*1228. Lamps, Cleaners', Engine, brass spout	"	400	do.	0 3 3	
*1229. Lamps, Drivers'	"	600	do.	0 4 0	Nil
*1230. Lamps, Gauge	"	200	do.	.. .. .
*1231. Lamps, Hand Signal, medium	"	250	do.	Nil
*1232. Lamps, Hand Signal, large	"	Nil	do.	.. .. .
*1233. Lamps, Indicator	"	200	do.	A. G. Way & Co.
1234. Lids, Drum, 5 gallons	Aust.	50	do.	0 1 3	
1235. Lids, Drum, 10 gallons	"	40	do.	0 2 3	Radford & Co.
1236. Measures, ½ pint	"	50	do.	0 0 9	
* 1237. Measures, 1 pint	"	50	do.	0 1 0	Titan Manufg. Co. Pty. Ltd.
1238. Measures, 1 quart	"	30	do.	0 1 7	
1239. Measures, 3 pints	"	120	do.	0 2 1	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for the Year.	Rate per—	Rate.		Name of Contractor.
				£	s. d.	
GALVANIZED IRONWARE AND TINWARE—continued.						
*1240. Measures, ½ gallon	Aust.	50	each	0	2 6	Radford & Co.
*1241. Measures, 1 gallon	"	10	do.	0	3 0	Titan Manufg. Co.
*1242. Pans, Closet, to samples "A" or "H" as ordered	"	350	do.	0	9 9	Pty. Ltd. S. F. Hunt
*1243. Pots, Car Cleaners'	"	10	do.	0	3 0	Radford & Co.
1244 Pumps, Kerosene, with cutter	"	30	do.	0	0 9	Titan Manufg. Co.
1245. Tanks, 600-gallon, with cover, galvanized corrugated iron, to Litho. No. 104/08	"	250	do.	4	6 3	Pty. Ltd.
*1246. Tanks, 500-gallon, with cover, galvanized corrugated iron, to Litho. No. 104/08 (amended)	"	40	do.	3	19 6	} C. C. Weickhardt
*1247. Trays, Drip, Galvanized Iron, 10" x 10" x 3"	"	200	do.	0	1 6	
1247A. Tins, sealed, 1 pint	"	50	do.			S. F. Hunt Nil

FIREPROOF SAFES.

The outside measurements of the Fireproof Safes to be supplied under Item 1248 shall be 24 inches x 18 inches x 18 inches, and the inside measurements 18 inches x 12 inches x 12 inches. The outer casing shall be made from No. 10 B.W.G. mild steel, the inner casing from No. 14 B.W.G. mild steel, and the door from ½-inch 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. Each Safe shall have a ½-inch bolt hole through the bottom.

The outside measurements of the Fireproof Safes to be supplied under Item 1249 shall be 36 inches x 24 inches x 24 inches, and the inside measurements 26 inches x 18 inches x 16 inches. The outer casing shall be made from No. 10 B.W.G. mild steel, the inner casing from No. 14 B.W.G. mild steel, and the door from ½-inch 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. Each Safe shall have two strong strengthening bands of 2½ inches x ½ inch mild steel securely riveted to front and back. Two drawers shall be fitted inside of, and supplied with, each Safe.

Duplicate keys shall be provided with each Safe.

1248. Safes, Fireproof, 18" x 12" x 12", inside measurement	Nil	each	..	} Nil
1249. Safes, Fireproof, 26" x 18" x 16", inside measurement, with two drawers	Nil	do.	..	

DRAPERY, FURNITURE, ETC.

Name of Manufacturer—
Item 1321—Melbourne Chair Factory.
Items 1306 to 1310—W. & J. Knox Ltd.

†1250. Baize, Green, any widths ordered		150 sq. yds.	sq. yd.	..	Nil
*1250A. Binding, Gimp	Gt. Brit.	8 gross	gross	0 15 6	Hicks, Atkinson & Sons Pty. Ltd.
*1251. Blanketing	Aust.	7,500 lbs.	lb.	0 3 0	Ballarat Woollen & Worsted Co Ltd.
†1252. Buttons, Leather, solid, black, large	Gt. Brit.	200 gross	gross	0 2 9	Hicks, Atkinson & Sons Pty. Ltd.
*1252A. Buttons, Leather, Morocco or Pantosote (brown or green)		8 "	do.	..	} Nil
*1253. Buttons, Steel, clinch, black japanned		1,500 "	do.	..	
†1254. Calico, Unbleached, 36 in. wide	Gt. Brit.	2,000 lin. yds.	lin. yd.	0 1 0½	Hicks, Atkinson & Sons Pty. Ltd.
†1255. Calico, Unbleached, 72 in. wide, Sample No. 2	"	3,000 "	do.	0 2 2	Gair Manufg. Co. Pty. Ltd.
†1256. Calico, Unbleached, for French Polishing, 36 in. wide	"	12,000 "	do.	0 0 7½	} Hicks, Atkinson & Sons Pty. Ltd.
†1257. Calico, White, 72 in. wide	"	400 "	do.	0 2 3	
†1258. Calico, White, 36 in. wide	"	600 "	do.	0 0 8½	
†1259. Cloth, Cheese, 34 in. wide, with or without dressing, as ordered		1,500 "	do.	..	Nil
†1260. Cloths, Sponge, large, approx. 24 in. x 30 in.		200 gross	gross	..	Nil
†1261. Cloths, Sponge, small, approx. 24 in. x 24 in.	Gt. Brit.	200 "	do.	1 12 9	} Hicks, Atkinson & Son Pty. Ltd.
†1262. Cord, Blind, White, Glace, 2 lbs.	"	50 doz. yds.	doz. yds.	0 0 10½	
†1263. Cord, Blind, White, Glace, 2½ lbs.	"	50 "	do.	0 1 1	
†1264. Cord, Blind, White, Glace, 3 lbs.	"	50 "	do.	0 1 2½	
†1265. Cord, Blind, Coloured, Glace, 2½ lbs.	"	100 "	do.	0 1 6	

Item No. and Description	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
DRAPERY, FURNITURE, ETC.—continued.					
†1266. Cotton, in reels of 300 yards, white or black, any Nos. ordered	Gt. Brit.	20 doz.	dozen	0 4 4½	Hicks, Atkinson & Son Pty. Ltd.
†1266A. Corduroy, Plush, Green	"	50 sq. yds.	sq. yd.	0 4 11	
Duck, Japanned, Crockett's, 1st quality, in pieces of 12yards—	"				
†1267. Black, 49 in. or 72 in. wide, as ordered	"	4,000 "	do.	0 4 6	
†1268. Claret, 49 in. or 72 in. wide, as ordered	"	5,000 "	do.	0 4 8	Watson Trading Co. Pty. Ltd.
1269. Green, 72 in. wide	"	1,000 "	do.	0 4 8½	
1269A. Duck, unbleached linen, 72 in. wide, 14 oz.	"	1,000 lin. yds.	lin. yd.	Nil
1269B. Duck, Russian, white or black, 72 in.	Gt. Brit.	600 sq. yds.	sq. yd.	0 3 5½	Hicks, Atkinson & Sons Pty. Ltd.
†1270. Dusters, Linen	"	5 doz.	dozen	Nil
†1271. Dusters, Linen, check	Gt. Brit.	20 "	do.	0 7 3	Hicks, Atkinson & Sons Pty. Ltd.
*†1272. Drill, Drab, 30 in. wide	"	1,500 lin. yds.	lin. yds.	Nil
†1273. Elastic, White, ¾ in.	Gt. Brit.	1,500 yds.	yard	0 0 5½	Hicks, Atkinson & Sons Pty. Ltd.
†1274. Flannelette, 27 in., for floor cloths	"	1,500 lin. yds.	lin. yd.	0 0 8	
†1275. Hessian, 72 in., for upholstering, Sample No. 3.	"	6,000 "	do.	0 1 10	Gair Manufg. Co. Pty. Ltd.
†1276. Hessian, for paperhanging, 72 in., Sample No. 2	India	4,000 "	do.	0 0 8	
†1277. Holland, any colours and widths ordered	Gt. Brit.	2,500 sq. yds.	sq. yd.	0 2 1	Hicks, Atkinson & Sons Pty. Ltd.
†1278. Kapok	"	4,000 lbs.	lb.	Nil
1278A. Fibre, Upholsterers', Loose	India	1 cwt.	cwt.	1 17 4	
†1279. Linoleum, Key Border, 6" wide	Gt. Brit.	50 lin. yds.	lin. yd.	0 1 11	Hicks, Atkinson & Sons Pty. Ltd.
†1280. Linoleum, Inlaid, 6 feet wide, any pattern selected, "A" quality	"	20 " yds.	do.	0 18 6	
†1281. Linoleum, Plain, Brown, 6 feet wide, "A" quality	"	5,000 "	sq. yd.	0 6 4½	Hicks, Atkinson & Sons Pty. Ltd.
†1282. Linoleum, Plain, Green, 6 feet wide, "A" quality	"	500 "	do.	0 7 0	
†1283. Linoleum, Plain, Green, 6 feet wide, "B" quality	"	100 "	do.	Nil
†1284. Linoleum, Plain, Green, 6 feet wide, "C" quality	Gt. Brit.	100 "	do.	0 5 9	Hicks, Atkinson & Sons Pty. Ltd.
†1285. Linoleum, Plain, Terra Cotta, 6 feet wide, "A" quality	"	800 "	do.	0 7 0	
1286. Needles, Carpet, any sizes ordered, in packets of 12	"	5 pkts.	packet	0 0 2½	Hicks, Atkinson & Sons Pty. Ltd.
†1287. Needles, Loop-eyed, any sizes ordered, in packets of 25	"	5 "	do.	0 0 3	
†1288. Silk, Sewing Machine, in 1 oz. reels, any Nos. and colours ordered	"	5 lbs.	lb.	1 13 6	Hicks, Atkinson & Sons Pty. Ltd.
†1289. Skins, Chamois, large size	"	300	each	0 3 1	
†1290. Sponge, Large, Carriage, perfectly dry, free from sand and all impurities	"	150 lbs.	lb.	Nil
†1290A. Muslin, Butter, 36 in.	Gt. Brit.	100 lin. yds.	lin. yd.	0 0 3½	Hicks, Atkinson & Sons Pty. Ltd.
Tape, Cotton, White—	"				
†1291. ½ in.	"	1,000 yds.	yard	0 0 0½	
†1292. ¾ in.	"	4,000 "	do.	0 0 0½	
†1293. 1 in.	"	100 "	do.	0 0 0½	
†1294. 1 in.	"	4,000 "	do.	0 0 0½	
†1295. Tape, Linen, Red, No. 16, 9 yards per piece	"	300 doz. pieces	doz. pieces.	0 2 3	
†1296. Tape, Linen, Red, No. 24, 9 yards per piece	"	40 "	do.	0 2 9	
†1297. Tape, Linen, Red, No. 32, 9 yards per piece	"	5 "	do.	0 3 6	
Tape, Linen, White—	"				
†1298. ½ in.	"	2,000 yds.	yard	0 0 0½	
†1299. ¾ in.	"	1,500 "	do.	0 0 0½	
†1300. 1 in.	"	6,000 "	do.	0 0 0½	
†1301. 1 in.	"	10,000 "	do.	0 0 1½	
†1302. 1 in.	"	4,000 "	do.	0 0 1½	
†1303. 1½ in.	"	100 "	do.	0 0 2	
†1304. Tape, Ladder, in ½-gross yard lengths	"	12 doz. yds.	doz. yds.	0 4 6	S. Cohen, Sons, & Co. Pty. Ltd.
†1305. Tape, White, India, any sizes and numbers ordered	"	5 gross yds.	gross yds.	0 2 11	Hicks, Atkinson & Sons Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
DRAPERY, FURNITURE, ETC.—continued.					
Thread, Machine, in 2-oz. reels, any colours ordered, "Knox"—					
1306. No. 10	Gt. Brit.	250 reels	reel	0 1 3	Frank & Bryce Ltd.
1307. No. 12	"	250 "	do.	0 1 3	
1308. No. 18	"	200 "	do.	0 1 4½	
1309. No. 20	"	100 "	do.	0 1 5½	
1310. No. 50	"	20 "	do.	0 2 0	
†1311. Towels, Hand-	"	200 doz.	dozen	..	Nil
†1312. Towels, Roller	"	15 "	do.	..	
†1313. Towels, Turkey	"	5 "	do.	..	
†1314. Twine, Barbour's No. 2 Samson, Mattress, in ½ lb. balls	Gt. Brit.	200 lbs.	lb.	0 3 9	Frank & Bryce Ltd.
†1315. Twine, Machine, best 5 or 6-cord, right or left hand twist, as ordered Barbour's "Shamrock"	"	5,000 "	do.	0 5 6	Hicks, Atkinson & Sons Pty. Ltd.
†1316. Velvet, Utrecht, any colours, 48-in. wide	"	50 lin. yds.	lin. yd.	0 6 9	
†1317. Wadding, Cotton, sheet, large size, unbleached	"	500 doz. sheets	doz. sheets	..	Nil
†1318. Webbing, Brown, up to 2½ in., as ordered	Gt. Brit.	8,000 yds.	yard	0 0 5¾	Hicks, Atkinson & Sons Pty. Ltd.
*1318A. Webbing, White, Cotton, 1 in.	"	3,000 "	do.	0 0 1½	
†1319. Wool, Fingering	"	250 lbs.	lb.	0 3 11	

FURNITURE.

†1320. Bottoms, Chair, 3-ply, perforated, any sizes and shapes ordered	Gt. Brit.	600	each	0 1 3	S. Cohen, Sons, & Co. Pty. Ltd.
†1321. Chairs, Vienna pattern, with stiffening pieces between the back and seat	Aust.	100	do.	0 14 3	
*1322. Chairs, Revolving, high back	"	25	do.	3 11 0	Johnston's Pty. Ltd.
*1323. Chairs, Revolving, low back, "Douglas,"	"	20	do.	2 17 6	
*1324. Chairs, Office, arm, rigid, "Douglas"	"	120	do.	1 9 6	S. Cohen, Sons, & Co. Pty. Ltd.
*1324A. Nails, Chair, oxidized	Gt. Brit.	12,000	1,000	0 4 6	

SERGE AND CLOTH.

Pattern.—Materials to be supplied under this Schedule must conform generally to Patterns exhibited at the office of the Chief Storekeeper for the information of intending Tenderers. The Tenderer shall submit samples of the material which he tenders to supply, and all deliveries must conform thereto in every respect.

Quality.—Only new, good, sound wool shall be used.

Finish.—All material must be of good appearance, durable and free from faults, and must correspond to the contract sample in thickness, colour, weight, nature and closeness of the texture of the fabric, raising and shearing on both sides. All material must be delivered thoroughly dried and clean, scoured free from grease, soap, or other admixture which may be used to give fictitious weight or substance to the goods, and thoroughly shrunk. It shall be free from grass seeds, burrs, and all other imperfections.

Dyeing and Colour.—All material shall be dyed with indigo dye. The colour shall correspond to that of the contract sample, and must be thoroughly fast and not liable to rub off freely. A portion of the material may be tested by lengthened exposure to the weather or otherwise to determine whether the colour is fast.

Selvages and Identification Threads.—Every piece of material shall have two selvages of not less than three-eighths of an inch in width. There shall be woven into the selvages and also into the full width of the heading and end of each piece of material one thread of pale blue.

Threads per Inch.—The number of warp and weft threads per square inch shall not be less than that set out hereunder for the class of material in question.

Width and Folding.—All material shall be of the width set out below for the class of material in question, and shall be correctly folded down the middle with the selvages straight and even. For the purpose of this specification the width shall be measured exclusive of selvages; a variation of one quarter of an inch either way will be accepted.

Weight.—The weight per yard shall be not less than that set out below for the class of material in question. The weight shall be determined by dividing the total weight of each or any piece by the full length of the piece.

Marking.—Each and every piece of material shall bear the mill number stencilled or marked into the end, and in addition shall have a ticket attached showing the class of cloth, weight, length and piece number.

Inspection during Manufacture.—The Chief Storekeeper or his representative shall have free access to the works of the manufacturer at all reasonable times. He shall be at liberty to inspect the manufacture at any stage, and to reject any material that does not conform to the terms of this Specification.

SERGE AND CLOTH.—continued.

Tests.—The material shall be subjected to such tests as may be deemed necessary to ascertain whether it complies with this Specification. For the purpose of such tests the Chief Storekeeper shall be entitled to cut off and destroy a portion not exceeding eighteen inches in length from the end of as many pieces as may be considered necessary and shall be further entitled to wash and dry any piece of material supplied under this Contract. In the event of rejection as the results of such tests, the manufacturer shall not be entitled to any payment or compensation for material destroyed or damaged in making the tests. Tensile tests shall be carried out as described in the next clause.

Tensile Strength and Stretch.—Four specimens shall be cut from each portion of material reserved for test as described above. Two specimens shall be cut in the direction of the warp and two in the direction of the weft in such a manner that no two specimens cut in the same direction shall contain the same longitudinal threads.

The test specimens shall be 6½ inches wide and the threads shall be frayed out from each side so as to reduce the test width to 6 inches. They shall then be placed evenly in the jaws of a suitable testing machine so that the unstretched length of the fabric between the jaws is 7 inches, and shall be broken without delay. The load shall be applied at the rate of 150 lbs. per inch width per minute. If the specimen breaks in the jaws at a load much lower than that required, a duplicate test shall be made on another test piece, including the same threads.

Flaws and Deductions.—All damage or flaws must be clearly marked on each piece of material, and for each and every damage or flaw a deduction of not less than one quarter yard shall be made by the Chief Storekeeper, and the ticket attached shall be clearly marked with the total amount deducted and the yardage to be paid for. The number of faults in any one piece of material shall not exceed six.

Rejection.—Should any portion of a delivery fail to satisfy the requirements of this Specification, the whole or portion of the delivery may be rejected. Each and every piece of material so rejected shall have the heading removed, and no piece of material from which the heading has been removed will be accepted.

Each class of material shall conform to the requirements set out hereunder :—

Item No.	1925.	1926.	1927.	1928.
Description.	Serge.	Serge.	Worsted Fine Twill.	Cloth for Overcoats.
Quality } Finish } Colour } Weave } Width, inches	In accordance with contract sample.			
Weight per lineal yard, ounces	56	56	56	56
Strength, lb. per inch width, warp	20	17	20	24
Strength, lb. per inch width, weft	75	66	74	37
Stretch, inches, warp	70	50	57	27
Stretch, inches, weft	2	2	2	2
Stretch, inches, weft	2	2	2	2

Samples from at least one delivery per month of each of the Items should be submitted to the Engineer of Tests for examination and checking purposes.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
†1325. Serge, all Wool, Dark Blue, 56" wide, exclusive of selvages, weight per lineal yard, 20 ozs.	Aust.	7,000 lin. yds.	lin. yd.	£ s. d. 0 7 3	Ballarat Woollen & Worsted Co. Ltd.
†1326. Serge, all Wool, Dark Blue, 56" wide, exclusive of selvages, weight per lineal yard, 17 ozs.	"	7,000 "	do.	0 7 6	
†1327. Cloth, Fine Twill Worsted, all Wool, Dark Blue, 56" wide, exclusive of selvages, weight per lineal yard, 20 ozs.	"	4,000 "	do.	0 12 6	Federal Woollen Mills Pty. Ltd.
†1328. Cloth, for Overcoats, all Wool, Dark Blue, 56" wide, exclusive of selvages, weight per lin. yard, 24 ozs.	"	1,500 "	do.	0 9 0	Ballarat Woollen & Worsted Co. Ltd.

COTTON AND WOOL WASTE.

Cotton Waste.—The waste shall possess good oil absorbing properties. It shall be practically free from threads less than 3" long, and in the case of Item No. 1330 (White Waste) shall not contain any coloured threads. All waste shall be clean scoured and shall not contain any coarse or non-absorbent threads, string, or fibre (other than cotton), and shall be free from oil, grit, rags, sweepings, dirt, or material that has been washed.

A portion representative of the average of the samples of Cotton Waste submitted will be burned to complete ash, and the percentage of ash or loading thereby determined will become the standard for all Waste delivered under Items Nos. 1329 and 1330.

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

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

COTTON AND WOOL WASTE—continued.

Name of Manufacturer—

Item 1329—Arthur Smart & Sons Ltd.

Wharfage to be arranged by the Department and deducted from the invoice at the rate of 5s. per ton weight or measure used. (Orders to be suitably endorsed re bill of lading).

Sufficient time to be allowed for importation, and to be ordered in (approx.) 10 ton lots.

1329. Waste, Cotton, Grey, D.R. 64	Gt. Brit.	130 tons	ton	*37 18 0	} B. K. Morton Pty. Ltd. Nil.
†1330. " " White	" "	8 "	do.	" "	
1331. " wool	" "	2 "	do.	" "	

CANVAS AND CANVAS HOSE.

The Canvas shall be composed of "All Long Flax," and shall be free from dressing and every foreign substance, and each bolt of Canvas shall be branded so as to show clearly the contract weight, in ounces per square yard, and shall be of the full weight specified when delivered.

Each delivery of the Canvas may, at the option of the Corporation, be subjected to the following tensile tests, viz. :—

Strips of Canvas may be tested on a "Goodbrand's" Cloth Testing Machine, and shall then show an average tensile strength on the warp and weft respectively as follows, viz. :—

Item Nos. and Description.	Average on each of 12 strips 12 x 1.	
	On Warp.	On Weft.
	lbs.	lbs.
1332 and 1330, 33 oz. Canvas	270	530
1333 and 1340, 30-oz. Canvas	250	500
1334 and 1341, 22-oz. Canvas	225	390
1335, 20-oz. Canvas	200	390
1336, 16-oz. Canvas	200	250
1337, 14-oz. Canvas	200	215
1338, 12-oz. Canvas	190	200
1342, 00, Bleached Canvas	185	330
1343, Tanned Canvas	125	125

The Canvas shall be supplied in bolts, each consisting of one piece approximately 50 yards in length, and branded with the exact length.

Name of Manufacturer—

Item 1344—Reddaway & Co. Ltd.

Item 1345—Geo. Angus & Co. Ltd.

As regards Item 1345—A statutory declaration is to be furnished to the Contractor that the Canvas Hose has been used for fire extinction purposes.

†1332. Canvas, 36" wide, 33 oz. per sq. yard		5,000	lin. yd.		} Nil
†1333. Canvas, 36" wide, 30 oz. per sq. yard		5,000	do.		
†1334. Canvas, 36" wide, 22 oz. per sq. yard		5,000	do.		
†1335. Canvas, 36" wide, 20 oz. per sq. yard		3,000	do.		
†1336. Canvas, 36" wide, 16 oz. per sq. yard		7,500	do.		
†1337. Canvas, 36" wide, 14 oz. per sq. yard		2,000	do.		
†1338. Canvas, 36" wide, 12 oz. per sq. yard		100	do.		
†1339. Canvas, 24" wide, 33 oz. per sq. yard		5,000	do.		
†1340. Canvas, 24" wide, 30 oz. per sq. yard		5,000	do.		
†1341. Canvas, 24" wide, 22 oz. per sq. yard		5,000	do.		
†1342. Canvas, 24" wide, 00, Bleached, 28 oz. per sq. yard		100	do.		
†1343. Canvas, 36" wide, Tanned, 16 oz. per sq. yard		250	do.		
CANVAS HOSE.					
†1344. Hose, Canvas, 2½", for other than fire extinction purposes	Gt. Brit.	} 4,000 feet	foot	0 1 0½	} J. Danks & Son Pty. Ltd. B. K. Morton Pty. Ltd.
†1345. Hose, Canvas, 2½", for fire extinction purposes, "Super 18" Bursting pressure, 300 lbs.	"		do.	0 1 2	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
CANVAS BAGS, TENTS, AND FLIES.					
*1346. Bags, Tool, Canvas, quality 1 C Flax ..	Aust	30	each	0 11 9	Gair Manufacturing Co. Pty. Ltd.
*1347. Bags, Water, Canvas, quality 1 C Flax ..	"	120	do.	0 8 6	
*1348. Bottles, Water, Canvas, quality Government Linen ..	"	1,000	do.	0 1 11	
†1349. Flies, Calico, for 6' x 8' Tents, sample G 3 ..	"	700	do.	0 16 9	
†1350. Flies, Calico, for 8' x 10' Tents, sample G 3 ..	"	40	do.	1 0 0	
†1351. Flies, Duck, 12' x 14', sample G 6 ..	"	30	do.	1 13 9	
†1352. Tents, Calico, 6' x 8', sample G 3 ..	"	750	do.	1 5 11	
†1353. Tents, Calico, 8' x 10', sample G 3 ..	"	50	do.	1 15 0	
†1354. Tents, Duck, 8' x 10', Sample G 6 ..	"	50	do.	2 4 9	

CORDAGE, ROPE, AND TWINES.

Name of Manufacturer—

Item 1373—Boase Spinning Co.

As regards Item 1373—Time for import to be allowed.

The Rope to be supplied under Items 1363 to 1368 inclusive shall be packed in hessian. The hessian packing will, as far as practicable, be returned to the Contractor at the Spencer-street Store.

†1355. Bags, Corn, secondhand, for coal ..		3,500	100	..	Nil
†1356. Cord, Sash, Patent, any numbers ordered ..	Aust.	500 lbs.	lb.	0 2 0	J. Miller & Co. Pty. Ltd.
†1357. Cord, Sash, Single Cable Laid, any numbers ordered ..	"	50 "	do.	0 2 1	
Cord, Sash, Cotton Braided "Lion" Brand, in coils—					
†1358. No. 6 ..	Aust.	50 lbs.	lb.	*0 3 4	Downs & Son Pty. Ltd.
†1358A. No. 7 ..	"		do.	*0 3 2	
†1358B. No. 8 ..	"		do.	*0 3 0	
†1358C. No. 9 ..	"		do.	*0 3 0	
†1358D. No. 10 ..	"		do.	*0 3 0	
†1358E. No. 12 ..	"	do.	*0 3 0		
†1359. Cord, Whip, white, "Sampson," No. 4123 ..	"	70 lbs.	do.	*0 6 0	J. Miller & Co. Pty. Ltd.
†1360. Cord, Marking, chalk, No. 1012 ..	"	250 lbs.	do.	\$0 4 9	
†1361. Cord, Nicking Line, any sizes ordered ..	Aust.	250 lbs.	do.	0 2 6	
†1362. Packing, Flax, pure ..	"	20 cwt.	cwt.	8 8 0	
†1363. Rope, Europe, bolt, entirely of new Russian hemp, up to 3", as ordered, with blue worsted thread in one strand ..	"	30 "	do.	4 19 0	
Rope, Manila, fine and long fibre, with blue worsted thread in one strand—					
†1364. ½" up to 2½" as ordered ..	"	100 "	do.	4 13 0	J. Miller & Co. Pty. Ltd.
†1365. Over 2½" up to 12", as ordered ..	"	90 "	do.	4 13 0	
†1366. Rope, Manila, stretched for driving belts, 3½" circ., 3 strand ..	"	80 "	do.	5 1 0	
†1367. Rope, New Zealand Flax, 1" to 2", as ordered, with blue yarn in one strand ..	"	90 "	do.	3 9 0	
†1368. Rope, New Zealand Flax, 2½" to 3", as ordered, with one blue yarn in each strand ..	"	1,300 "	do.	3 9 0	
†1369. Rope, Lashing, New Zealand Flax ..	"	40 "	do.	2 15 3	
†1370. Spun yarn, Jute ..	"	2 "	do.	3 0 0	
†1371. Twine, Binder ..	"	20 "	do.	3 5 0	
†1372. Twine, fine, medium or coarse, as ordered ..	"	5,000 lbs.	lb.	0 1 0	
†1373. Twine, Seaming Flax ..	Gt. Brit.	1,500 "	do.	0 3 2½	Dalgety & Co. Ltd.

* Less 15 per cent. and 2½ per cent. monthly.
 † Less 2½ per cent. monthly.

STRAW ROPE.

Straw Rope, for Core-making—					
1374.	1½", in bundles of 300'	..	20 bdis.	bundle	..
1375.	1", in bundles of 360'	..	50 "	do.	..
1376.	¾", in bundles of 440'	..	50 "	do.	..
1377.	½", in bundles of 680'	..	50 "	do.	..
					} Nil

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
BASKETWARE AND COIR MATS, ETC.					
BASKETWARE.					
*1378. Baskets, Waste-paper	Aust.	300	each	0 4 6	} Royal Victorian Institute for the Blind
*1379. Hampers, Parcels	"	6	do.	3 10 0	
MATS, ETC.					
*1380. Mats, Coir, 3' 3" x 2' 3"	"	Nil	do.	.. .	Nil
*1381. Mats, Kneeling	Aust.	50	do.	0 6 6	Royal Victorian Institute for the Blind
*1382. Plugs, Cane, $\frac{5}{8}$ " full size	"	40 gross	gross	.. .	} Nil
*1383. Plugs, Cane, $\frac{1}{2}$ " full size	"	30 "	do.	.. .	
1383A. Matting Coir, 27", single twill	Aust.	500 lin.yds.	lin. yd.	0 1 9 $\frac{3}{4}$	Royal Victorian Institute for the Blind
1384 to 1551. Nil.					

MOTOR ACCESSORIES.

Name of Manufacturer—

Items 1553 and 1554 — Brown and Baxby Ltd., B.O.D. & L.O.D. Types, respectively.

As regards Items 1558 and 1559, a statutory declaration is to be furnished to Contractor that the magnetos have been attached to Engines manufactured in the Commonwealth of Australia:

†1552. Belting, Motor, Rubber, $\frac{7}{8}$ "	Aust.	3,000 feet	foot	0 1 4 $\frac{1}{2}$	Dunlop Rubber Co. of Aust. Ltd.
1553. Carburetters, for Twin Cylinder engines ..	Gt. Brit.	10	each	2 0 0	} A. G. Healing & Co. Pty. Ltd.
1554. Carburetters, for Single Cylinder engines ..	"	30	do.	1 16 9	
†1555. Fasteners, Belt, $\frac{3}{4}$ "	"	100 doz.	dozen	0 10 9	
*1556. Floats, Carburetter	"	3 "	do.	1 10 0	
1557. Lifters, valve, Bowden No. 208	"	10 "	do.	2 2 0	
1558. Magnetos, high tension, for 8 h.p. 50° Twin Cylinder locally-made engine, "E.I.C." ..	"	10	each	4 15 0	} Alfred. Adams E. S. Co. Pty. Ltd.
1559. Magnetos, high tension, for 4 h.p. single Cylinder locally-made engine, "E.I.C." ..	"	40	do.	4 10 0	
1560. Prestolite, refills	"	75	do.	.. .	Nil
1561. Paste, Carborundum, fine (4 in 1), Leggetts ..	Gt. Brit.	5 doz. tubes	doz. tubes	6 12 0	} A. G. Healing & Co. Pty. Ltd.
†1562. Punches, Motor Belt	"	20	each	0 1 9	
†1563. Plugs, Sparking, "Splitdorf"	U.S.A.	20 doz.	dozen	2 0 0	
†1563A. Plugs, Sparking, "Sphinx"	Gt. Brit.	20 doz.	dozen	1 13 0	
*1564. Rims, for $\frac{7}{8}$ " Motor Tricycle Belts, 16 x 2 $\frac{1}{2}$ x 1 ..	"	30	each	0 10 6	
*1565. Screws, Shoulder, 1" x $\frac{1}{16}$ ", or 1 $\frac{1}{2}$ " x $\frac{1}{16}$ ", as ordered	"	10 gross	gross	.. .	Nil
*1566. Tanks, Brass, Petrol, small	"	10	each	.. .	} Nil
*1567. Tanks, Brass, Petrol Storage	"	10	do.	.. .	
*1568. Tanks, Petrol Carrier	"	10	do.	.. .	
*1569. Tanks and Pump, Oil	"	10	do.	.. .	
*1570. Terminals, High Tension	Gt. Brit.	10 doz.	dozen	0 2 0		A. G. Healing & Co. Pty. Ltd.
1571. Tyres, Motor Outer, 30" x 3 $\frac{1}{2}$ "	"	80	each	.. .	} Nil
1572. Tyres, Motor Outer, 31" x 4 $\frac{1}{2}$ "	"	40	do.	.. .	
1573. Tyres, Motor Outer, 32" x 5"	"	20	do.	.. .	
1574. Tubes, Inner, 30" x 3 $\frac{1}{2}$ "	"	80	do.	.. .	
1575. Tubes, Inner, 31" x 4 $\frac{1}{2}$ "	"	40	do.	.. .	
1576. Tubes, Inner, 32" x 5"	"	20	do.	.. .	
*1577. Valves for V.R. Type Jap engines	Gt. Brit.	50	do.	0 3 9	} A. G. Healing & Co. Pty. Ltd.
*1578. Washers, Sparking Plug	"	24 doz.	dozen	0 0 6	
*1579. Washers, Valve Cap	"	10 "	do.	0 1 6	
*1580. Wire, Copper, Rubber covered—High Tension	"	50 yds.	yard	0 0 5 $\frac{1}{2}$	
1580A. Make and Break for large Bosch magnetos	Aust.	12	each	1 19 6	
1580B. Make and Break for E.I.C. magnetos	"	24	do.	1 19 6	
1580C. Points, Platinum, large Bosch, for make and break	"	12	pair	0 12 6	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for the Year.	Rate per	Rate.	Name of Contractor.
MOTOR ACCESSORIES—continued.					
1580d. Points, Platinum, small Bosch, for make and break	Aust.	12	pair	0 12 6	} A. G. Healing & Co. Pty. Ltd.
†1580e. Plates, Crescent, special grip, for 1" to 4" high-speed belts	..	100	do.	..		Nil
*1580f. Springs, Valve, for J.A.P. engine	Gt. Brit.	6 doz.	doz.	0 6 0	} A. G. Healing & Co. Pty. Ltd.
*1580g. Wire, Bowden, for carburetter	"	200 feet	foot	0 0 1	
Parts, Genuine, for "Ford" Motor Cars and Trucks—					
		Part No.			
1581. Axle housing, right	..	2501	1	each	} Nil.
1582. Axle housing, left	..	2502	1	do.	
1583. Axle shaft, tapered	..	2505	10	do.	
1584. Axle housing, cap	..	2510	6	do.	
1585. Axle outer roller-bearing felt washer	..	2510B	18	do.	
1586. Diff. case, left	..	2512c	2	do.	
1587. Diff. case, right	..	2513c	2	do.	
1588. Diff. drive gear	..	2518	10	do.	
1589. Diff. gear key	..	2521B	4	do.	
1590. Diff. pinion	..	2524c	3	do.	
1591. Diff. thrust washer	..	2528	8	do.	
1592. Rear radius rod	..	2547	4	do.	
1593. Cam shaft lever	..	2562	2	do.	
1594. Universal joint assembly	..	2571	2	do.	
1595. Ball cap gasket	..	2580	10	do.	
1596. D.S. roller bearing	..	2587	2	do.	
1597. D.S. roller-bearing sleeve	..	2593	2	do.	
1598. D.S. only (tapered)	..	2595B	2	do.	
1599. D.S. sleeve	..	2596	2	do.	
1600. D.S. pinion	..	2597B	2	do.	
1601. Front axle only	..	2691	1	do.	
1602. Spindle body, right	..	2694	2	do.	
1603. Spindle body, left	..	2695	2	do.	
1604. Spindle arm, right	..	2696c	1	do.	
1605. Spindle arm, left	..	2696d	1	do.	
1606. Spindle bolt with oiler	..	2710	10	do.	
1607. Spindle body bushing (pair)	..	2713	10	do.	
1608. Spindle arm bushing	..	2714	10	do.	
1609. Spindle con. rod for left and right control cars	..	2717	3	do.	
1610. Spindle con. rod bolt with oiler	..	2718	10	do.	
1611. Spindle con. rod yoke ball	..	2721B	3	do.	
1612. Steering gear con. rod for left control cars	..	2725B	3	do.	
1613. Ball socket cap	..	2728	2	do.	
1614. Front radius rod	..	2733	2	do.	
1615. Front radius rod	..	2733B	2	do.	
1616. Front radius rod ball cap	..	2736	2	do.	
1617. Front hub bearing cup, inner	..	2833	2	do.	
1618. Inside spindle cone and roller assembly	..	2834	2	do.	
1619. Front hub bearing cup, outer	..	2836	2	do.	
1620. Outer spindle cone and roller assembler right thread	..	2837	2	do.	
1621. Outer spindle cone and roller assembler left thread	..	2838	2	do.	
1622. Front hub dust cap assembly	..	2841	2	do.	
1623. Sediment bulb assembly	..	2902B	1	do.	
1624. Cylinder head gasket	..	3002	4	do.	
1625. Cylinder cover liner	..	3013	20	do.	
1626. Cylinder cover liner	..	3013B	20	do.	
1627. Cylinder head outlet connexion	..	3004	2	do.	
1628. Cylinder head outlet connexion	..	3004B	2	do.	
1629. Cylinder head outlet con. gasket	..	3005	8	do.	
1630. Cylinder, head outlet hose clip	..	3007	12	do.	
1631. Cylinder water inlet connexion	..	3015	2	do.	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
MOTOR ACCESSORIES—continued.					
Parts, Genuine, for "Ford" Motor Cars and Trucks—continued.					
	Part No.				
1632.	Cylinder water inlet gasket .. 3018	8	each	..	
1633.	Connecting rod .. 3024	4	do.	..	
1634.	Crank shaft .. 3030	1	do.	..	
1635.	C.S. rear bearing cap .. 3031	1	do.	..	
1636.	C.S. front bearing cap .. 3032	1	do.	..	
1637.	C.S. centre front bearing liner .. 3038	12	do.	..	
1638.	C.S. bearing liner .. 3039	8	do.	..	
1639.	Cam shaft .. 3041	2	do.	..	
1640.	Cam shaft front bearing .. 3042	2	do.	..	
1641.	Cam shaft centre bearing .. 3043	2	do.	..	
1642.	Cam shaft rear bearing .. 3044	2	do.	..	
1643.	Valve .. 3052	50	do.	..	
1644.	Valve spring .. 3054	12	do.	..	
1645.	Valve spring seat .. 3056	10	do.	..	
1646.	Breather pipe .. 3068	4	do.	..	
1647.	Crank case and cylinder gasket, left .. 3070B	20	do.	..	
1648.	Crank case and cylinder gasket, right .. 3071B	20	do.	..	
1649.	Crank case front bearing cap .. 3077	4	do.	..	
1650.	Crank case lower cover gasket .. 3102B	10	do.	..	
1651.	Cylinder valve cover gasket... .. 3111B	8	do.	..	
1652.	Magneto contact assembly .. 3260	2	do.	..	
1653.	Trans. reverse gear bushing .. 3304	6	do.	..	
1654.	Trans. slow speed gear bushing .. 3309	6	do.	..	
1655.	Trans. triple gear flanged bushing .. 3314½	6	do.	..	
1656.	Trans. driven gear sleeve bushing .. 3320c	6	do.	..	
1657.	Driven gear sleeve washer .. 3320D	8	do.	..	
1658.	Trans. thrust plate, small .. 3328	6	do.	..	
1659.	Trans. thrust plate, large .. 3329	6	do.	..	
1660.	Trans. clutch disc drum screw .. 3334	2	do.	..	
1661.	Trans. clutch spring support .. 3341	2	do.	..	
1662.	Trans. cover gasket (pair) .. 3377B	30	do.	..	
1663.	Trans. Cover sloping door gasket .. 3379B	20	do.	..	
1664.	Trans. band assembly .. 3413	3	do.	..	
1665.	Trans. band washer .. 3415	10	do.	..	
1666.	Trans. band spring .. 3425	3	do.	..	
1667.	Slow speed con. clevis .. 3447	10	do.	..	
1668.	Hand brake level pawl for left control cars .. 3458	6	do.	..	
1669.	Hub brake lever on controller shafts .. 3465	6	do.	..	
1670.	Lead rod lever .. 3530	2	do.	..	
1671.	Throttle rod lever .. 3531	2	do.	..	
1672.	Ball and socket joint for right control cars only .. 3536	10	do.	..	
1673.	Steering post, bracket bushing, upper .. 3545	10	do.	..	
1674.	Steering gear, ball arm .. 3547	1	do.	..	
1675.	Front spring hanger .. 3813	10	do.	..	
1676.	Front spring perch, right .. 3818	3	do.	..	
1677.	Front spring, perch, right .. 3818B	3	do.	..	
1678.	Front spring perch, left .. 3819	3	do.	..	
1679.	Front spring perch, left .. 3819B	3	do.	..	
1680.	Front spring and perch bushing .. 3820	10	do.	..	
1681.	Rear spring slip .. 3833	2	do.	..	
1682.	Rear spring hanger .. 3840	10	do.	..	
1683.	Starting crank only .. 3900	2	do.	..	
1684.	Starting crank handle bolt .. 3902	2	do.	..	
1685.	Starting crank ratchet .. 3906	2	do.	..	
1686.	Starting crank spring .. 3908	3	do.	..	

Nil

Item No. and Description.		Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
					£. s. d.	
MOTOR ACCESSORIES—continued,						
Parts, Genuine, for "Ford" Motor Cars and Trucks—continued.						
	Part No.					
1687.	Radiator	3925	2	each	..	} Nil
1688.	Radiator cap	3926	4	do.	..	
1689.	Fan blade-assembly	3961c	2	do.	..	
1690.	Float with lever	4451A	3	do.	..	
1691.	Switch plug	5006	6	do.	..	
1692.	Coil unit, 3½" x 2½" x 5"	5007	10	do.	..	
1693.	Vibrator with tungsten point	5008	48	do.	..	
1694.	Vibrator bridge with tungsten point	5009	48	do.	..	
1695.	Bendix	5018	2	do.	..	
1696.	Screw (Bendix shaft spring)	5023	4	do.	..	
1697.	Screw (Bendix head spring)	5024	4	do.	..	
1698.	Commutator wire (non-starter type)	5030	6	do.	..	
1699.	Gasket (gen head)	5057	6	do.	..	
1700.	Screw (motor mounting)	5062	12	do.	..	
1701.	Electric tail lamp assembly for left control cars	7669x	2	do.	..	
1702.	Axle housing gasket, upper	1008	4	do.	..	
1703.	Axle housing gasket, lower	1009	4	do.	..	
1704.	Axle shaft	1013	6	do.	..	
1705.	Axle shaft bearing felt	1021	10	do.	..	
1706.	Drive shaft	1084	2	do.	..	
1707.	D.S. tube flange gasket	1037	6	do.	..	
1708.	D.S. felt	1039	10	do.	..	
1709.	D.S. to worm coupling	1041B	4	do.	..	
1710.	Worm	1043	4	do.	..	
1711.	Worm gear	1044	2	do.	..	
1712.	Worm roller bearing assembly	1046	2	do.	..	
1713.	Worm thrust ball and separator assembly	1051	2	do.	..	
1714.	Worm thrust bearing plate	1052	6	do.	..	
1715.	Brake shoe assembly	1056	6	do.	..	
1716.	Rear spring, right or left, each	1077	4	do.	..	
1717.	Spring bushing	1087	6	do.	..	
1718.	Spring perch	1097	2	do.	..	
1719.	Spring perch bushing	1100	8	do.	..	
1720.	Spring hanger assembly	1102	8	do.	..	
1721.	Rear hub cap	1116	6	do.	..	
1722.	Rear hub felt	1118	10	do.	..	

BURNERS, GLASSES, MANTLES, ETC.

The Mantles supplied under Items 1739 to 1751 shall be constructed of the best materials saturated with proper portions 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 a measure of their 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.

†1723.	Burners, Incandescent, Gas, Upright .. .. .	..	5 doz.	dozen	..	Nil
†1724.	Burners, Kerosene, Cosmo, No. 14	Gt. Brit.	5 "	do.	1 12 0	S. Cohen, Sons, & Co. Pty. Ltd.
†1725.	Burners, Kerosene, 1" Star	U.S.A.	60 "	do.	0 8 0	E. Duckett & Sons
†1726.	Burners, Oil, Vapor, Barton pattern, ½" branded V.R. .. .. .	..	Nil.	do.	..	} Nil
†1727.	Burners, Oil, Vapor, Barton pattern, ¾" branded V.R. .. .. .	..	Nil.	do.	..	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
BURNERS, GLASSES, MANTLES, ETC.— <i>continued.</i>					
*1728. Burners, Oil, Vapor, Long time	..	10 doz.	dozen	..	Nil
*1729. Collars, Brass, 1"	Gt. Brit.	50 "	do.	0 1 3	S. Cohen, Sons, & Co. Pty. Ltd.
†1730. Gauze, Nickel	..	20 lbs.	lb.	..	} Nil
Lux Lamp Parts—	..	..	..	..
*1731. Caps, Nipple, Valve	..	5 doz.	dozen	..	
*1732. Cover Screws	..	5 "	do.	..	
*1733. Caps, Spirit	..	5 "	do.	..	
*1734. Membranes, 3 in set	..	400 sets	set	..	
*1735. Nipples	..	25 doz.	dozen	..	
*1736. Sockets, Nipple	..	25 "	do.	..	
*1737. Tubes, Burner	..	140 "	do.	..	} Modern Lighting Ltd.
*1738. Tubing, Kerosene	..	100 yds.	yard	..	
Mantles, Incandescent—	..	..	..	..	} Falk, Stadelmann & Co. Ltd.
†1739. Inverted	..	1,200 doz.	dozen	..	
†1740. Upright	..	100 "	do.	..	} Nil
†1741. Petrol Air Gas, 50 C.P., Upright, artificial silk	Aust.	120 "	do.	0 6 3	
†1742. Inverted, "Graetzin" size	Gt. Brit.	150 "	do.	0 5 3	} Nil
†1743. Inverted, Cotton, "Bijou" fitting, 25 C.P.	..	25 "	do.	..	
†1744. Lux Lamp, 700 C.P.	..	600 "	do.	..	} McMicking & Co.
†1745. Lux Lamp, 200 C.P.	..	25 "	do.	..	
†1746. Large Bland, Inverted, "Ironclad Triplex"	Gt. Brit.	200 "	do.	0 4 5½	} Nil
†1747. Small Bland, Inverted, "Ironclad Triplex"	..	50 "	do.	0 3 9	
†1748. Inverted, Pintsch Gas 25 C.P., with rings, "Ironclad Triplex" Curtis & Harvey	..	300 "	do.	0 4 2	} Nil
†1749. Inverted, Pintsch Gas, 25 C.P., without rings	..	..	do.	..	
†1750. Inverted, Pintsch Gas, 50 C.P., with rings, "Ironclad Triplex" Curtis & Harvey	Gt. Brit.	2,500 "	do.	0 4 4	McMicking & Co.
†1751. Inverted, Pintsch Gas, 50 C.P., without rings	..	..	..	..	Nil
†1752. Unions, Brass Barrel, for Brass, ¾"	Aust.	15 "	do.	0 6 0	} J. Danks & Son Pty. Ltd.
†1753. Unions, Brass Barrel, for Iron, ¾"	..	..	do.	0 12 0	
†1754. Unions, Brass Barrel, for Iron, ½"	..	10 "	do.	0 18 0	
†1755. Unions, Brass Barrel, for Iron, ¼"	..	..	do.	1 1 0	
†1756. Unions, Brass Barrel, for Iron, 1"	..	..	do.	1 10 0	} E. Duckett & Sons S. Cohen, Sons & Co. Pty. Ltd.
†1757. Wick, Ball, Lamp	Gt. Brit.	25 cwt.	cwt.	10 2 3	
†1758. Wick, Cosmo, 8" long, No. 14	..	10 doz.	dozen	0 1 2	Nil
†1759. Wick, Castor, 1"	..	5 lbs.	lbs.	..	} Briscoe & Co. Ltd.
Wick, Cotton, Kerosene, 8" long—	..	..	..	..
†1760. ¼" or ⅜", as ordered	Gt. Brit.	1,200 doz.	dozen	0 0 1½	} E. Duckett & Sons
†1761. ½", and upwards, as ordered	..	20 "	do.	0 0 4	
†1762. Wick, Rochester Lamp, 7" long	U.S.A.	20 "	do.	0 1 9	Nil
*1763. Wick, Long Time Burner, 8½" long	..	20 "	do.	..	

GLASSES, ETC.

*1764. Chimneys, Cosmo Lamp, No. 14	Aust.	270 doz.	dozen	0 5 3	} Dott & Co., Pty. Ltd.
1764A. Chimneys, Cosmo Lamp, Short	..	20 "	do.	0 5 3	
†1765. Chimneys, Incandescent Gas, with side holes, 6½"	Czecho-Slov.	380 "	do.	0 4 9	Falk Stadelmann & Co. Ltd.
*1766. Chimneys, Lamp, large slip	Aust.	1,000 "	do.	0 3 11½	} Dott & Co., Pty. Ltd.
*1767. Chimneys, Roof Lamp	..	20 "	do.	0 4 1	
*1768. Chimneys, Rochester Lamp	..	20 "	do.	0 5 6	Crown Glass Works
*1769. Glasses, Bent, green, 4½" diameter or 5½" diameter, as ordered	..	350 "	do.	0 7 9	} R. W. Collyer & Son
*1770. Glasses, Bent, Lux Lamp	..	75 "	do.	2 8 0	
*1771. Glasses, Bent, ruby, 4", 4½" or 5½" diameter, as ordered	..	20 "	do.	0 7 6	} Crown Glass Works
*1772. Glasses, Bottom for Roof Lamp	..	100 "	each	0 3 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
BURNERS, GLASSES, MANTLES, ETC.— <i>continued.</i>					
GLASSES, ETC.— <i>continued.</i>					
*1773. Glasses, Front, for Hand Signal Lamps, 5" or 5½" diameter, as ordered		300 doz.	dozen	..	Nil
*1774. Glasses, Gate Lamp, ruby, 5" or 6", as ordered	Aust.	5 "	do.	1 16 0	R. W. Colver & Son
*1775. Glasses, Hurricane Lamp, ruby	..	5 "	do.	..	Nil
*1776. Glasses, Hurricane Lamp, white	Aust.	50 "	do.	0 8 6	Crown Glass Works
1777. Globes, "Graetzin," 2 light	"	10 "	do.	2 0 0	
*1778. Globes, "Graetzin," 3 light	"	5 "	do.	..	Nil
1779. Globes, Pintsch Gas, 6", clear	Aust.	70 "	do.	0 17 0	Dott & Co. Pty. Ltd.
1779A Globes, Pintsch Gas, 6", frosted	"	"	do.	0 19 0	
*1780 Globes, Pintsch Gas, 8", clear	"	250 "	do.	1 5 0	
1780A Globes, Pintsch Gas, 8", frosted	"	"	do.	1 7 0	
1781 Globes, Pintsch Gas, 10", clear	"	25 "	do.	1 16 0	
1781A Globes, Pintsch Gas, 10", frosted	"	"	do.	1 18 0	Falk Stadmann & Co. Ltd.
*1782. Globes, Bland, large	"	144 "	do.	0 9 0	
*1783. Globes, Bland, small	Czecho-Slov.	10 "	do.	0 8 0	
1784. Lenses, ruby, 4"	..	10 "	do.	..	Nil
*1785. Lenses, ruby, 5"	..	10 "	do.	..	
1786. Lenses, White, 3"	..	10 "	do.	..	
*1787. Lenses, White, 4"	..	10 "	do.	..	
1788. Lenses, White, 6"	..	10 "	do.	..	
*1789. Mirrors, Glass, in pairs	..	280 pairs	pair	..	
*1790. Slides, ruby, engine head lamp, 6"	..	5 doz.	dozen	..	
*1791. Slides, Fronts for Indicator and Gauge Lamps	..	5 "	do.	..	
*1792. Slides, Sides for Indicator and Gauge Lamps	..	5 "	do.	..	
*1793. Slips, ruby, lettered as ordered	..	5 "	do.	..	

SHIP CHANDLERY.

Specification of Item No. 1805 is as follows:—

Specific Gravity at 77° F.	..	..	..	1.05
Melting point	..	..	..	155/160 °F.
Total Bitumen soluble in Carbon Bisulphide	..	..	..	Over 99%
Dielectric strength	..	..	..	40,000 volts

The method of testing this dielectric strength is with two ½" spheres, separated by a gap of one millimetre, completely immersed in bitumen.

Specification for Items 1808 to 1811.—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 Chief Storekeeper 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 provided receptacles are full:—

Standard Tanks and Fire Carts	..	..	..	..	270 gallons
Standard Drums or Casks	..	..	..	..	42 "
†1794. Bunting, 18", red, green, or white, as ordered	Gt. Brit.	1,700 lin. yds.	lin. yd.	0 0 10½	Inglis, Smith & Co.
†1795. Chalk, Blue	..	20 lbs.	lb.	..	Nil
†1796. Chalk, Red	..	50 "	do.	..	
†1797. Chalk, White	Aust.	40 cwt.	cwt.	0 8 6	W. & G. Dean Pty. Ltd.
1798. Chalk, French	..	5 "	do.	..	Nil
†1799. Eyelets and Washers, Brass, 1"	Gt. Brit.	3 gross	gross	0 3 6	Evan Evans Pty. Ltd.
†1800. Eyelets and Washers, Brass, 1½"	..	5 "	do.	0 4 2	Paul & Gray Ltd
*1801. Felt, Tarrad, 32" x 40"	Gt. Brit.	500 shts.	sheet	0 1 0	Paul & Gray Ltd.
†1802. Marline	Aust.	500 lbs.	lb.	0 1 9	Inglis, Smith & Co.
†1803. Palms, Sewing or Roping, as ordered	Gt. Brit.	20 "	each	0 3 3	
1804. Pitch, Trinidad Asphaltum, in about 2½ cwt. casks	..	30 cwt.	cwt.	..	Nil

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.			Name of Contractor
				£	s.	d.	
SHIP CHANDLERY—continued.							
†1805. Pitch, suitable for Cable Laying "Mex-phalte"	Mexico	20 tons	ton net	8	10	6	British Imperial Oil Co. Ltd.
†1806. Preservative, Wood, for Timber Trunking	..	5,000 gals.	gallon	
1807. Rosin, Common, "G" grade	U.S.A.	2 tons	ton gross weight	15	10	0	W. & G. Dean Pty. Ltd.
1808. Tar, Distilled, in steel drums, supplied by the Corporation	Aust.	2,500 gals.	gallon					0	0	8½
1809. Tar, Distilled, in Departmental tanks in Contractor's yard	"	5,000 "	do.	0	0	8	J. Forbes & Co.
1810. Tar, Distilled, in fire carts on the site of works along St. Kilda-Brighton Electric Street Railway track	"	10,000 "	do.	0	0	8½	
1811. Tar, Distilled, in fire carts on the site of works along the Sandringham-Black Rock Electric Street Railway track	"	2,500 "	do.	0	0	9	
†1812. Tar, Stockholm	Gt. Brit.	250 "	do.	0	2	0	Paul & Gray Ltd.
†1813. Thimbles, Iron, galvanized, Signal	"	200 doz.	dozen	0	1	0	Inglis, Smith & Co.

MINERAL LUBRICATING OILS.

LOCOMOTIVE CYLINDER OIL.—Specification L.1.—Item 1814.

Scope.—This Specification covers the grade of petroleum oil required for the lubrication of the Cylinders and Valves of Locomotive Steam-engines, using either mechanical lubricators or those operating on the hydrostatic principle.

Manufacture.—The oil shall be a refined petroleum product, with the addition of acidless animal oil.

Properties and Tests.—The oil shall be free from mineral acids and alkali, and asphaltic, tarry, or suspended matter, and in other respects shall comply with the conditions mentioned hereunder :—

Constants.	Maximum.	Minimum.
Viscosity at 212° F., dynes per sq. cm.	0.40	0.25
Fire Point, degrees Fahr. .. .. .	..	580
Pour Point, degrees Fahr.	50	..
Saponifiable Matter, per cent.	8	..
Carbon Residue	3	..

Oils submitted under this Specification will be subjected to tests to determine the following properties :—

Specific Gravity, 15° C./15° C.,	Volatility* at 500° F.,
Viscosity at 100° F., dynes per sq. cm.,	" " at 600° F.,
" " 140° F. " "	" " at 700° F.,
" " 212° F. " "	Precipitation Number or Gasolene Test
Fire Point,	after heating one hour at 700° F.,
Pour Point,	Carbon Residue,
Volatility* at 400° F.,	

and consideration will be given to the results obtained in deciding the oil to be accepted. It is desirable that the volatility loss and precipitation number should be as low as possible.

Constants obtained on Tests.—In the event of the Tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least 5 (five) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of each delivery.

Testing.—With the exception of the Volatility Tests, the sample shall be tested according to methods set out in "Circular of the Australian Railways: Testing of Lubricating, Illuminating, and Fuel Oils, &c."

LOCOMOTIVE BEARING OIL.—Specification L.2.—Items 1815 and 1816.

Scope.—This Specification covers the grade of Petroleum Oil required for use on the Bearings and Motions of Steam Locomotives. Two grades are specified—the one for summer, the other for winter use.

* The volatility loss, after heating the oil for one hour at the temperatures given, will be determined in the V.R. Laboratory Apparatus, designed generally on the lines of Conradson's Apparatus. See *I. Ind. Eng. Chem.* 4 (1912); also Hamor and Pagott, *The Examination of Petroleum* (1922).

MINERAL LUBRICATING OILS—*continued.*

LOCOMOTIVE BEARING OIL, ETC.—*continued.*

Manufacture.—The oil shall be a refined petroleum product, free from admixture with any compounding material whatsoever.

Properties and Tests.—The oil shall be free from mineral acid or alkali, and from asphaltic, or tarry, or suspended matter, and in other respects shall comply with the conditions mentioned hereunder :—

	Summer.		Winter.	
	Maximum.	Minimum.	Maximum.	Minimum.
Viscosity at 140° F., dynes per sq. cm.	1.0	0.80	0.80	0.65
Fire Point, degrees Fahr. . . . .	..	400	..	375
Pour Point, degrees Fahr.	40	..	25	..
Syphon Test, cubic centimetres at 140° F. . . . .	..	3.0	..	4.0

Oils submitted under this Specification will be subjected to tests to determine the following properties :—

Specific Gravity, 15.5° C./15.5° C.,	Fire Point,
Viscosity at 100° F., dynes per sq. cm.,	Pour Point,
" 140° F. " "	Syphon Test,
" 212° F. " "	Saponifiable Matter,

and consideration will be given to the results obtained in deciding the oil to be accepted.

Constants obtained on Tests.—In the event of the Tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways: Testing of Lubricating, Illuminating, and Fuel Oils, &c."

CAR AND WAGON OIL.—*Specification L.3.—Item 1817.*

Scope.—This Specification covers the grade of Petroleum Oil required for the lubrication of the Axle Journals of Railway Carriages and Wagons.

Manufacture.—The oil shall be a refined petroleum product, free from admixture with any compounding material whatsoever.

Properties and Tests.—The oil shall be free from mineral acid and alkali, and asphaltic, tarry, or suspended matter, and in other respects shall comply with the conditions mentioned hereunder :—

	Maximum.	Minimum.
Viscosity at 140° F., dynes per sq. cm.	0.52	0.48
Fire Point, degrees Fahr. . . . .	..	400
Pour Point, degrees Fahr.	25	..

Oils submitted under this Specification will be subjected to tests to determine the following properties :—

Specific Gravity, 15.5° C./15.5° C.,	Fire Point,
Viscosity at 70° F., dynes per sq. cm.,	Pour Point,
" 100° F. " "	Syphon Test,
" 140° F. " "	Saponifiable Matter,

and consideration will be given to the results obtained in deciding the oil to be accepted.

Constants obtained on Tests.—In the event of the Tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Testing.—The sample shall be tested according to the methods set out in "Circular of the Australian Railways: Testing of Lubricating, Illuminating, and Fuel Oils, &c."

CAR OIL.—*Specification L.3A.—Item 1818.*

Scope.—This Specification covers the grade of Petroleum Oil required for the lubrication of the Axle Journals of Railway Carriages with waste-packed Axle Boxes.

Manufacture.—The oil shall be a refined petroleum product, free from admixture with any compounding material whatsoever.

MINERAL LUBRICATING OILS—*continued.*

CAR OIL, ETC.—*continued.*

Properties and Tests.—The oil shall be free from mineral acid and alkali, and asphaltic, tarry, or suspended matter, and in other respects shall comply with the conditions mentioned hereunder:—

	Maximum.	Minimum.
Viscosity at 140° F., dynes per sq. cm.	0.35	>
Fire Point, degrees Fahr. . . . .	..	0.25
Four Point, degrees Fahr.	5	370

Oils submitted under this Specification will be subjected to tests to determine the following properties:—

Specific Gravity, 15.5° C./15.5° C.	Fire Point
Viscosity at 70° F., dynes per sq. cm.	Pour Point
" 100° F., " "	Syphon Test
" 140° F., " "	Saponifiable Matter
	Carbon residue

and consideration will be given to the results obtained in deciding the oil to be accepted.

Constants obtained on Tests.—In the event of the Tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Testing.—The sample shall be tested according to the methods set out in "Circular of the Australian Railways: Testing of Lubricating, Illuminating, and Fuel Oils, &c."

The different classes of oil required shall be supplied in casks branded "Cyl. Oil," "Sum. Bear," "Win. Bear," "C. & W." "Car," as the case may be.

Payment.—Payment will be made on gallonage calculated from Specific Gravity ascertained in Victorian Railways Laboratory from samples drawn from the respective delivery.

As regards Items 1816 and 1816A, the rates tendered are based on exchange rate of 4.45 dollars to the £1 sterling, and adjustment will be made on the c.i.f. and e. value, on the rate ruling at the date of delivery to the Department, on production of the necessary documentary evidence.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.			Name of Contractor.
				£	s.	d.	
MINERAL LUBRICATING OILS.							
†1814. Locomotive Cylinder Oil, Specification L.1— Oil, Cylinder, Superheated Steam, "Gar- goyle Valve"	U.S.A.	10,000 gals.	gallon.	0	3	10	Vacuum Oil Co. Pty. Ltd.
†1814A. Oil, Cylinder, Saturated Steam, "S.3.C." Locomotive Bearing Oil, Specification L.2—	"	10,000 "	do.	0	2	5½	Socony Pty. Ltd.
†1815. Summer, Loco. "H"	"	50,000 "	do.	0	2	8½	} Vacuum Oil Co. Pty. Ltd.
†1815A. Winter, Loco. "J"	"						
†1816. Summer, Loco. "Shell"	"						
†1816A. Winter, Loco. "Shell"	"	10,000 "	do.	*0	1	10¾	} British Imperial Co. Ltd.
†1817. Car and Wagon Axle Oil, Specification L.3— "B.817"	"	40,000 "	do.	0	1	6½		Vacuum Oil Co. Pty. Ltd.
†1817A. "X.L."	Aust.	20,000 "	do.	0	1	8½	Ramsay and Tre- ganowan Ltd.
†1818. Car Oil, Specification L.3A— "P.973"	U.S.A.	12,000 "	do.	0	1	11½	Vacuum Oil Co. Pty. Ltd.

OILS (VARIOUS).

MACHINERY OILS.—FIRST QUALITY.—SPECIFICATION L.4.—*Items 1819-1820, and 1822-1823A.*

Scope.—This Specification covers the grade of petroleum oil required for the lubrication of Air Compressors and Internal Combustion Engines (except cylinder lubrication where a compounded oil is required), Turbines, and Dynamo Electric Machinery, High-speed Engines, and other machinery where a good grade quality oil is required. The oil shall be suitable for use in circulatory and forced feed systems.

Six grades are specified, known as extra light, light, medium, heavy, extra heavy, and extra heavy special, and the order or contract shall state the grade of oil required and the purpose for which it is to be used.

OILS (VARIOUS)—*continued.*

Manufacture.—The oil shall be a thoroughly refined, filtered petroleum oil, without the admixture of fatty oils, resins, soaps, and other compounds.

Properties and Tests.—The oil shall be free from mineral acids and alkali, and asphaltic, tarry or suspended matter and, in other respects, shall comply with the conditions mentioned hereunder :—

	Viscosity at 140° F., dynes per sq. cm.		Fire Point, degrees Fahr.	Pour Point, degrees Fahr.	Carbon Residue per cent.
	Maximum.	Minimum.	Minimum.	Maximum.	Maximum.
Extra Light	0.15	0.12	370	35	.10
Light	0.25	0.18	380	40	.20
Medium	0.35	0.28	390	45	.30
Heavy	0.50	0.38	400	50	.50
Extra Heavy	0.80	0.55	410	50	.75
Extra Heavy Special	1.00	0.80	510	50	1.50

Special Tests.—The oils submitted under this Specification will be submitted to tests to determine the following properties :—

Specific Gravity, 15.5° C./15.5° C.,	Carbon Residue,
Viscosity at 70° F., dynes per sq. cm.,	Ash,
" " 100° F. " "	Organic Acidity,
" " 140° F. " "	Saponifiable Matter,
Fire Point,	Presence of Sulphur,
Pour Point,	Emulsification Tendency,
Volatility,	

and consideration will be given to the results obtained in deciding the oil to be accepted.

Corrosion.—A copper strip shall not appear discoloured when heated in the oil to 150° F.

Emulsification Tendency.—The oil shall separate from an emulsion with distilled water in less than 30 minutes. This means that there shall be only a slight cuff between the water and the oil.

The "Demulsibility" shall be high.

In the event of the tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of each delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

MACHINERY OILS.—SPECIFICATION L.5.—*Items 1824 to 1829.*

Scope.—This Specification covers the grade of petroleum oil required for the general lubrication of Engines and Machinery where a highly-refined oil is not required. This oil is not to be used for steam cylinder lubrication.

Six grades are specified, known as extra light, light, medium, heavy, extra heavy, and extra heavy special.

Manufacture.—The oil shall be a refined petroleum oil, without the admixture of fatty oils, resins, soaps, or other compounds not derived from crude petroleum, and must be entirely free from fillers.

Properties and Tests.—The oil shall be free from mineral acid and alkali, and asphaltic, tarry, or suspended matter, and, in other respects, shall comply with the conditions mentioned hereunder :—

	Viscosity at 140° F., dynes per sq. cm.		Fire Point, degrees Fahr.	Pour Point, degrees Fahr.
	Maximum.	Minimum.	Minimum.	Maximum.
Extra Light	0.15	0.12	370	35
Light	0.25	0.18	380	40
Medium	0.35	0.28	390	45
Heavy	0.50	0.38	400	50
Extra Heavy	0.80	0.55	410	50
Extra Heavy Special	1.50	0.85	450	50

Special Tests.—The oils submitted under this Specification will be subjected to tests to determine the following properties :—

Specific Gravity at 15.5° C./15.5° C.,	Organic Acidity,
Viscosity at 70° F., dynes per sq. cm.,	Saponifiable Matter,
" " 100° F. " "	Fire Point,
" " 140° F. " "	Pour Point,
Ash,	

and consideration will be given to the results obtained in deciding the oil to be accepted.

In the event of the tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of each delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

WATER COOLED KEROSENE AND GAS ENGINE CYLINDER OILS.—SPECIFICATION L.6.—*Item 1821.*

Scope.—This Specification covers the grade of petroleum oil required for the lubrication of Cylinders of Water Cooled Kerosene and Gas Engines.

Manufacture.—The oil shall be a refined petroleum oil, with the addition of acidless animal oil or other approved compounding matter.

The Tenderer shall state what compounding matter has been used.

OILS (VARIOUS)—continued.

WATER COOLED KEROSENE AND GAS ENGINE CYLINDER OILS—continued.

Properties and Tests.—The oil shall be free from mineral acid and alkali, and asphaltic, tarry, or suspended matter, and in other respects shall comply with the conditions mentioned hereunder :—

	Viscosity at 140° F., dynes per sq. cm.		Fire Point, degrees Fahr.	Pour Point, degrees Fahr.	Saponifiable Matter, per cent.
	Maximum.	Minimum.	Minimum.	Maximum.	Maximum.
Medium	0.35	0.28	390	45	10

Special Tests.—Oils submitted under this Specification will be subjected to tests to determine the following properties :—

Specific Gravity, 15.5° C./15.5° C.,	Volatility,
Viscosity at 100° F., dynes per sq. cm.,	Carbon Residue,*
" 140° F. "	Ash,
" 212° F. "	Organic Acidity,
Fire Point,	Saponifiable Matter,
Pour Point,	

and consideration will be given to the results obtained in deciding the oil to be accepted.

In the event of the tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

TRANSFORMER AND SWITCH OILS.—SPECIFICATION L.7.—Items 1830 and 1831.

Scope.—This Specification covers the grades of petroleum oil required for insulation purposes in Transformer and Oil Switches.

Two grades are specified, the one for use in Transformers, the other for use in Oil Switches.

Manufacture.—The oil shall be a thoroughly refined, filtered petroleum oil, without the admixture of fatty oils, resins, soaps, or other compounds. It shall be light in colour.

Properties and Tests.—The oil shall be free from mineral acids and alkali, asphaltic, tarry, or suspended matter, and moisture or corrosive sulphur compounds, and in other respects shall comply with the conditions mentioned hereunder :—

	Transformer Oil.		Switch Oil.	
	Maximum.	Minimum.	Maximum.	Minimum.
Viscosity at 100° F., dynes per sq. cm. ..	0.18	..	0.20	..
Fire Point, degrees Fahr. .. .. .	..	360	..	370
Pour Point, degrees Fahr.	25	..	25	..
Volatility, 8 hours at 212° F., per cent. ..	2.0	..	..	..
Saponification value per gramme of oil shall not exceed 4.0 Mgs. KOH.	..	..	..	..
Organic Acidity per gramme of oil shall not exceed 2.0 Mgs. KOH.	..	..	..	..

Special Tests.—Oils submitted under this Specification will be subjected to tests to determine the following properties :—

Specific Gravity, 15.5° C./15.5° C.,	Volatility,*	Saponification Value,
Viscosity at 70° F., dynes per sq. cm.,	Carbon Residue,	Ageing and Sludging,
" 100° F. "	Ash,	Corrosion,
" 140° F. "	Organic Acidity,	Emulsification Tendency,
Fire Point,	Unsaturated Hydrocarbons,	Dielectric Strength,
Pour Point,		

and consideration will be given to the results obtained in deciding the oil to be accepted.

Corrosion.—A copper strip shall not appear discoloured when heated in the oil to 150° F.

Emulsification Tendency.—The oil must give a high demulsibility figure when emulsified and allowed to separate.

Ageing and Sludging.—The oil when heated to and maintained at 300° F. in the presence of air and copper for 48 hours shall not show more than 0.1 per cent. of sludge in Transformer Oil.

Dielectric Strength.—When tested between spherical electrodes 0.5 in. diameter, 0.15 in. apart, the oil must withstand a pressure of 30,000 volts without breakdown.

In the event of the tender being accepted, the results of the above tests as determined in the Departmental Laboratory shall be incorporated in the Contract, and all deliveries shall agree therewith.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the sample.

When sampling, scrupulous care must be taken to use only clean containers, &c., and to avoid any contamination of the sample.

Method of Testing.—With the exception of the volatility test the sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

* Volatility.—The loss by evaporation will be determined in either the rotating oven or the toluene vapour bath method as described in Clause 14, B.E.S.A., Specification No. 145/1923.

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

OILS (VARIOUS)—continued.

CASTOR OIL—SPECIFICATION L.8.—Item No. 1832.

Scope.—This Specification covers Castor Oil required for use as a lubricant.
Manufacture.—The oil shall be a pure oil extracted from castor seed, refined and clarified by an approved process.
Properties and Tests.—The oil shall be clear and free from sediment and flocs, and in other respects shall comply with the conditions mentioned hereunder:—

Viscosity at 140° F., dynes per sq. cm., minimum	..	..	..	..	0.805
Flash Point, closed test, degrees Fahr., minimum	..	..	..	..	400
Acidity, per cent. Oleic Acid, maximum	..	..	..	..	3.0
Iodine Number, average	..	..	..	..	86
Unsaponifiable Matter, per cent., minimum	..	..	..	..	1.0
Acetyl Number, minimum	..	..	..	..	146
Refractive Index at 15° C., average	..	..	..	..	1.4799

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than ten (10) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

Payment.—Payment will be made on gallonage calculated from Specific Gravity ascertained in Victorian Railways Laboratory from samples drawn from the respective delivery.

The Tender of Ramsay and Treganowan is accepted for Item No. 1821 provided the saponifiable matter content is not less than 10 per cent; failing this, orders should be placed on the Vacuum Oil Co. Pty. Ltd.

Payment to be made on Specific Gravity of Oil supplied.

†1819. Specification L.4; Grade—Extra Light— "P.964" Oil, for Small Air Compressors (forced feed) Oil, Bearing, Small Electric Motors, &c... Oil, for Ford Motor Cars	U.S.A.	1,500 gal.	gallon	.0 1 10½	Vacuum Oil Co. Pty. Ltd.
†1819A. Specification L.4; Grade—Light—"P.973" Oil, Bearing, Tricycles, Inspection or other Light Motor Cars Oil, Bearing, for Water-cooled Kerosene Engines Oil, Bearing, for Water-cooled Petrol En- gines Oil, Bearing, for High-speed Machines Oil, Bearing, for Air Compressors and Dynamometers Oil, for Armature Bearings					
†1819B. Specification L.4; Grade—Light— Oil, for Turbines (forced feed)	"	"	do.	0 1 11½	Nil
†1819C. Specification L.4; Grade—Light— Oil, for Air Compressors, Machine Tools, Lathes, &c. (with forced feed)	"	"	do.	..	
†1820. Specification L.4; Grade—Medium, "P.973"— Oil, Cylinder, for Water-cooled Petrol Engines Oil, Cylinder, for Medium Powered Motor Cars Oil, Bearing, for Large Electric Motors and Dynamos Oil, Light Ball-bearings and Races	U.S.A.	1,500 gallons	do.	0 1 11½	Vacuum Oil Co. Pty. Ltd.
†1820A. Specification L.4 Grade—Medium— Oil, Bearing, for Large Turbines						"	"	do.	..	Nil
†1821. Specification L.6; Grade—Medium (Com- pounded Oil)—"X.L." No. 2— Oil, Cylinder, for Water-cooled Kerosene Engines Oil, Cylinder, for Gas Engines	U.S.A. and Aust.	700 "	do.	0 2 5½	Ramsay and Tre- ganowan Ltd.
†1821A. Specification L.6; Grade—Medium (Com- pounded Oil)—"Heavy Medium X."— Oil, Cylinder, for Water-cooled Kerosene Engines Oil, Cylinder, for Gas Engines						"	"	do.	0 2 9	Vacuum Oil Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
OILS (VARIOUS)— <i>continued.</i>					
Payment to be made on Specific Gravity of Oil supplied.					
†1822. Specification L.4; Grade—Heavy—"X.L. No. 2"— Oil, Cylinder, for Large Size Motor Cars or Motor Lorries Oil, Bearing, for Heavy Ball Bearings; Races, &c.	U.S.A. and Aust.	700 gals.	gallon	0 2 5	Ramsay and Treganowan Ltd.
†1822A. Specification L.4; Grade—Extra Heavy— Oil, Circulating, for High-speed Engines ..	"	"	do.	"	Nil
†1823. Specification L.4; Grade—Extra Heavy, "X.L." No. 2— Oil, Cylinder, for Air-cooled Petrol Engines Oil, Cylinder, for Motor Lorries and Motor Cycles ..	U.S.A. and Aust.	700 "	do.	0 2 5½	Ramsay and Treganowan Ltd.
†1823A Oil, Cylinder, for Rail Motors; Grade—Extra Heavy Special, in second-hand 4-gal. tins, without cases, "Shell" ..	U.S.A.	500 "	do.	0 3 9	The British Imperial Oil Co. Ltd.
†1824. Specification L.5; Machinery Oil— Grade—Extra Light, "X.L. No. 2"— Oil for Light Line Shafting, Pumps, Small Machines, Spindles, &c. ..	U.S.A. & Aust.	"	do.	0 1 7½	Ramsay and Treganowan Ltd.
†1825. Grade—Light, "X.L." No. 1— Oil for Signal Apparatus, Medium Line Shafting, &c. ..	"	"	do.	0 1 10	
†1826. Grade—Medium, "P. 973"— Oil for various Workshops' Machines, Small Lathes, Drills, Planers, Cutting Machines, &c. ..	U.S.A.	700 "	do.	0 1 11½	Vacuum Oil Co. Pty. Ltd.
†1827. Grade—Heavy, "X.L." No. 2— Oil for Heavy Workshops' Machinery, Lathes, Drills, Planers, Cutting Machines, &c. ..	U.S.A. & Aust.	"	do.	0 2 3	Ramsay and Treganowan Ltd.
†1828. Grade—Extra Heavy, 707— Oil for Slow-moving Heavy Machines, Stone Crushers, Tractors, &c. ..	U.S.A.	"	do.	0 2 0	Texas Co. (Aust.) Ltd.
†1829. Grade—Extra Heavy Special— Oil for Transmission Gears and Bearings, Differential Gears, Worm Drives, Winch Drives, Roller and Ball Bearings of Motor Vehicles, Rail Motors, &c., "L.B.C." ..	"	500 "	do.	0 1 11	Socong Pty. Ltd.
†1830. Specification L.7—Transformer Oil, "Gargoyle," "Transformer A"	"	500 "	do.	0 3 0	Vacuum Oil Co. Pty. Ltd.
†1831. Specification L.7—Switch Oil, "Gargoyle," "Transformer A"	"	2,000 "	do.	0 3 0	
†1832. Specification L.8—Castor Oil ..	"	1,000 "	do.	"	Nil
†1833. Neatsfoot Oil, Pure ..	Aust.	1,500 "	do.	0 3 9*	Neptune Oil Co. Ltd.
†1834. Soluble Cutting Compound, "X.L." No. 2..	U.S.A. & Aust.	500 "	do.	0 3 1	Ramsay and Treganowan Ltd.

* If delivered in 4-gal. tins, 3d. per gallon extra will be charged.

ILLUMINATING AND POWER OILS, ETC.

KEROSENE—ILLUMINATING OIL.—SPECIFICATION N.1.—Items 1845 and 1850.

Scope.—This Specification covers the grade of kerosene required for ordinary Illuminating Purposes and also as a Fuel for Kerosene Engines.

Manufacture.—The kerosene shall be a pure petroleum product.

ILLUMINATING AND POWER OILS, ETC.—*continued.*KEROSENE—*continued.*

Properties and Tests.—The kerosene shall be free from mineral acid or alkali, water and suspended matter, and in other respects shall comply with the conditions mentioned hereunder :—

Flash Point (Closed Test).—Shall not be less than 105° F.

Colour.—Shall be water white.

Fractional Distillations.—The residue at 300° C. shall not be more than 6 per cent. by vol.

Cloud Test.—The kerosene shall not show a cloud at 5° F.

Flock Test.—The kerosene shall show no sediment when heated at 250° F. for six hours.

Specific Gravity.—The Tenderer shall submit with his sample a statement showing the Specific Gravity (at 15·5° C./15·5° C.) of the oil offered, and the sample and future deliveries (in the event of the tender being accepted) shall agree therewith within the limits of $\pm 0\cdot5$ per cent.

Burning Test.—The kerosene shall burn freely and steadily in a lamp for a period of eighteen hours without marked diminution of intensity, and without smoking or forming “ears” or “toadstools” on the wick. The chimney must be only slightly clouded or stained at the end of the test.

Special Test.—The kerosene submitted under this Specification will be subjected to tests to determine its Sulphur Content, and consideration will be given to the results obtained in deciding the oil to be accepted.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than one (1) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in the “Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c.”

KEROSENE—LONG TIME BURNING OIL.—SPECIFICATION N.2.—*Item 1846.*

Scope.—This Specification covers the grade required for use in Signal Lamps and other places where a long time burning oil is required.

Manufacture.—The kerosene shall be a pure petroleum product.

Properties and Tests.—The kerosene shall be free from mineral acid or alkali, water or suspended matter, and in other respects shall comply with the conditions mentioned hereunder :—

Flash Point (Closed Test).—Shall not be less than 105° F.

Colour.—Shall be water white.

Fractional Distillation.—The residue at 300° C. shall not be more than 4 per cent.

Cloud Test.—The kerosene shall not show a cloud at 0° F.

Flock Test.—The kerosene shall show no sediment when heated at 250° F. for six hours.

Specific Gravity.—The Tenderer shall submit with his sample a statement showing the Specific Gravity (at 15·5° C./15·5° C.) of the oil offered, and the sample and future deliveries (in the event of the tender being accepted) must agree therewith within the limits of $\pm 0\cdot5$ per cent.

Burning Test.—The kerosene shall burn freely and steadily for 120 hours or until all the oil is consumed, without marked diminution in intensity. The wick shall not be readjusted after the first hour of the test.

Special Test.—The kerosene submitted under this Specification will be subjected to tests to determine the Sulphur Content, and consideration will be given to the results obtained in deciding the oil to be accepted.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least five (5) containers, and in no case from less than one (1) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in “Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c.”

KEROSENE—300° MINERAL SEAL.—SPECIFICATION N.3.—*Item 1847.*

Scope.—This Specification covers the grade of kerosene required for Illuminating Purposes where a high-flash illuminant is required.

Manufacture.—The kerosene shall be a pure petroleum product.

Properties and Tests.—The kerosene shall be free from mineral acid or alkali, water or suspended matter, and in other respects shall comply with the conditions mentioned hereunder :—

Flash Point (Closed Test).—Shall not be less than 250° F.

Colour.—Shall be water white.

Cloud Test.—The kerosene shall show no cloud at 32° F.

Flock Test.—The kerosene shall show no sediment when heated at 450° F. for fifteen minutes.

Specific Gravity.—The Tenderer shall submit with his sample a statement showing the Specific Gravity (at 15·5° C./15·5° C.) of the oil offered, and the sample and future deliveries (in the event of the tender being accepted) must agree therewith within the limits of $\pm 0\cdot5$ per cent.

ILLUMINATING AND POWER OILS, ETC.—*continued.*KEROSENE—*continued.*

Burning Test.—The kerosene shall burn continuously, without readjustment of the wick, till all the oil is consumed. The flame shall remain symmetrical and free from smoke throughout, and there shall be no appreciable hard incrustation on the wick, nor any marked diminution of intensity.

Special Test.—The kerosene submitted under this Specification will be subjected to tests to determine the Sulphur Content, and consideration will be given to the results obtained in deciding the oil to be accepted.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery drawn from at least five (5) containers, and in no case from less than one (1) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

MOTOR SPIRIT.—SPECIFICATION N.4.—*Item 1851.*

Scope.—This Specification covers the grade of motor spirit required for use in Internal Combustion Engines.

Manufacture.—The motor spirit shall be a pure petroleum or other approved product.

Properties and Tests.—The motor spirit shall be free from mineral acid or alkali, water and suspended matter, and in other respects shall comply with the conditions mentioned hereunder:—

Colour.—Shall be water white.

Fractional Distillation—

	Not less than
	%
Up to 167° F.	5.0
Up to 205° F.	25.0
Up to 240° F.	50.0
Up to 270° F.	75.0
Up to 320° F.	90.0
Up to 350° F.	95.0
Not higher than 395° F.	End point
*Spontaneous ignition	575° F.

Residue.—Shall not show acid reaction.

Doctor Test.—The doctor test shall be negative.

Corrosion.—A copper strip shall not appear discoloured when heated in the spirit to 150° F.

Gumming Residue.—When evaporated to dryness in a porcelain dish there shall be no weighable amount of gummy matter.

Unsaturated Hydrocarbons.—The motor spirit offered will be tested for unsaturated hydrocarbons, and consideration will be given to the results obtained in deciding the spirit to be accepted.

Acid Heat Test.—The motor spirit will be tested for rise of temperature when mixed with sulphuric acid.

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery drawn from at least five (5) containers, and in no case from less than one (1) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

FUEL OILS.—SPECIFICATION O.1.—*Items 1854 to 1856.*

Scope.—This Specification covers the grade of petroleum product used for Fuel Purposes, and also coal tar oil and mixtures of coal tar oil and coal tar.

Properties and Tests.—The oil shall be free from grit, acid, and fibrous or other matter likely to clog the screens, valves, or burners, and in other respects shall comply with the conditions mentioned hereunder:—

Flash Point (Closed Test).—Shall not be less than 150° F.

Calorific Value, Gross B.T.U. per lb.

Petroleum Oil.—Not less than 18,000.

Coal Tar Oil or Mixtures.—Not less than 16,000.

Water and Sediment.—Not greater than 1 per cent.

Sulphur.—When tested in the bomb calorimeter the oil must be reasonably low in sulphur.

The oil must flow freely from the containers or receptacles at 60° F.

Other things being satisfactory, the choice of oil will be largely determined by low sulphur content and high calorific value.

Excess of water and sediment over the 1.0 per cent. specified may either be subtracted from the gross volume of oil to be paid for, or may be regarded as a contributory reason for rejection.

* Spontaneous ignition will be determined in the V.R. Laboratory Apparatus, designed on lines similar to Professor Moore's Apparatus. See J.S.C.I., XXXVI, 109, 1917.

ILLUMINATING AND POWER OILS, ETC.—*continued.*

FUEL OILS—*continued.*

Sampling and Testing.—A composite sample (at least 2 quarts) shall be taken from each delivery, drawn from at least ten (10) per cent. of the containers.

If Fuel Oil be delivered to the Corporation in bulk each delivery will be sampled on the following basis:—A composite sample made up of samples drawn from every 1,000 gallons or part thereof of each delivery shall be accepted as accurately representing the quality of the delivery.

A second sample shall be taken from the bottom of the container or containers with a "thief" having a valve in the lower end. The thief, with valve open, shall be lowered gradually into the container, and the valve closed at the instant of touching the bottom. The sample thus obtained shall be tested for water and sediment.

Method of Testing.—The samples shall be tested according to the methods described in "Circular of the Australian Railways.—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

Payment.—Payment will be made on gallonage calculated from Specific Gravity ascertained in the Victorian Railways Laboratory from samples drawn from the respective delivery.

As regards Items Nos. 1849, 1850, 1851, 1851A, 1852, and 1853, the rates are subject to market fluctuations, and the rates to be paid shall be those ruling on the actual date of delivery.

As regards Items Nos. 1851 and 1851A, any purchases of Benzol made by the Department, are not to be considered an infringement of these contracts.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
†1845. Kerosene, Illuminating Oil, Specification N.1., "C.O.R.," in tins and cases ..	Aust.	150,000 gal.	gallon	£ s. d. 0 1 6 ⁵ / ₈	Commonwealth Oil Refineries Ltd.
†1846. Kerosene, Long Time Burning Oil, Specification N.2., "C.O.R.," in tins and cases ..	"	5,000 "	do.	0 1 6 ⁵ / ₈	
†1847. Kerosene, 300° High Test, Specification N.3, "M.1103," in cases, 2 x 4 gallon tins ..	U.S.A.	8,000 "	do.	0 1 4 ¹ / ₂	
†1848. Kerosene, for Engine Cleaning purposes ..	"	15,000 "	do.	..	Nil.
†1849. Kerosene, for Lux Lamps, "Silverlight," in cases, 2 x 4 gallon tins ..	D. E. Indies	15,000 "	do.	0 1 6 ⁷ / ₈	British Imperial Oil Co. Ltd.
†1850. Kerosene, Power Fuel, for Coullson or other Kerosene Engines, "Light of the Age," in cases, 2 x 4 ¹ / ₂ gallon tins ..	U.S.A.	6,000 "	do.	0 1 7·44	Texas Co. (Aust.) Ltd.
†1851. Motor Spirit, for use in Inspection or other Cars, Specification N.4, "Shell," in cases, 2 x 4 gallon tins ..	D. E. Indies	10,000 "	do.	0 2 4 ¹ / ₂	British Imperial Oil Co. Ltd.
†1851A. Motor Spirit, for use in Inspection or other Cars, Specification N.4, "Plume," in cases, 2 x 4 gallon tins ..	U.S.A.		do.	0 2 4 ¹ / ₂	Vacuum Oil Co. Pty. Ltd.
†1852. Benzoline, "Shell," in cases, 2 x 4 gallon tins ..	D. E. Indies	5,000 "	do.	0 2 9	British Imperial Oil Co. Ltd.
†1853. Naphtha, for Paint Burning, "Kalif" Motor Spirit, in cases, 2 x 4 gallon tins ..	U.S.A.	50 "	do.	0 2 3	Vacuum Oil Co. Pty. Ltd.
†1854. Fuel Oil (Petroleum Oil Product), Specification O.1., delivered in Departmental tanks ..	..	300 tons	ton	..	} Nil
†1855. Fuel Oil (Coal Tar Oil Product) ..	..	Nil	..	..
†1856. Fuel Oil (Oil and Tar Coal Mixture) ..	..	Nil	..	..

GREASES.

GEAR GREASE.—SPECIFICATION M.2.—*Items Nos. 1861 and 1862.*

Scope.—This Specification covers the grade of grease required for the lubrication of Gears and Conveyors and for use in Compression Cups where a high-quality grease is required.

Two grades are specified, to be known as "A" Grade and "B" Grade.

Manufacture.—The grease shall be a well-manufactured product, composed of a soda-soap made from high-grade animal or vegetable oils, or fatty acids, and a highly-refined mineral oil, or a mineral oil compounded with high-grade animal fat.

Properties and Tests.—The grease shall comply with the conditions mentioned hereunder:—

	Soap Content, per cent. approximate.	Ash, per cent. maximum.
"A" Grade	12	1·6
"B" Grade	18	2·4

GREASES—continued.

Mineral Oil.—When mineral oil alone is used for dissolving the soap, it shall be a well-refined mineral oil with a viscosity, at 140° F., of not less than 0.2 dynes per sq. cm.

Saponifiable Matter.—When a compounded oil is used for dissolving the soap it shall contain about 20 per cent. Saponifiable Matter, and the viscosity of the oil, at 140° F., shall not be less than 0.2 dynes per sq. cm.

Free Alkali.—The grease shall contain no free alkali.

Moisture.—The moisture present shall not be greater in quantity than one-half the dry soap content.

Corrosion.—A clean copper plate shall not be discoloured when submerged in the grease for 24 hours at room temperature.

Special Tests.—Greases submitted under this Specification will be subjected to tests to determine the following properties:—

- Consistency.
- Melting and Dropping Points.

Sampling and Testing.—A composite sample shall be taken from each delivery. It shall be at least one (1) lb. in weight, and shall be drawn from at least five (5) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

CUP GREASE.—SPECIFICATION M.3.—Items Nos. 1863 to 1866.

Scope.—This Specification covers the grade of grease required for the lubrication of Gears, and of such parts of Motor Equipment and other Machinery as are lubricated by means of compression cups, Grade No. 5 to be used for Pantograph Collectors.

Four grades are specified, and the order shall state which grade is required and the purpose for which it is to be used.

Manufacture.—The grease shall be a well-manufactured product, composed of a calcium soap made from high-grade animal or vegetable oils, or fatty acids, and a highly-refined mineral oil.

Properties and Tests.—The grease shall be smooth and uniform, and, in other respects, shall comply with the conditions mentioned hereunder:—

	Soap Content, per cent. approximate.	Ash, per cent. maximum.
No. ¼ Cup Grease	13	1.7
No. 1 Cup Grease	14	1.8
No. 3 Cup Grease	18	2.5
No. 5 Cup Grease	24	3.5

Mineral Oil.—The mineral oil used in reducing the soaps shall be a straight, well-refined mineral oil, with a viscosity, at 140° F., of not less than 0.14 dynes per sq. cm.

Consistency.—The greases shall be similar in consistency to the approved trade standards for No. ¼, No. 1, No. 3, and No. 5 grease.

Moisture.—The grease shall be a boiled grease, and shall contain a minimum of water when finished.

Corrosion.—A clean copper plate shall not be discoloured when submerged in the grease for 24 hours at room temperature.

Fillers.—The grease shall contain no fillers, such as resin, resinous oils, soapstone, wax, talc, powdered mica or graphite, sulphur, clay, asbestos, or the like.

Special Tests.—Greases submitted under this Specification will be subjected to tests to determine the Melting and Dropping Points.

Sampling and Testing.—A composite sample shall be taken from each delivery. It shall be at least one (1) lb. in weight, and shall be drawn from at least five (5) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

ANTI-FRICTION GREASE.—SPECIFICATION M.4.—Items Nos. 1867 and 1868.

Scope.—This Specification covers the grade of grease required for the lubrication of Rough Machinery, of Rails at Switches and Curves, and for other similar purposes.

Two grades are specified, to be known as "A" and "B" Grades, and the order or contract shall state which grade is required and the purpose for which it is to be used.

Manufacture.—The grease shall be a well-manufactured product, composed of a calcium soap made from rosin oil, and mineral oil, or other oils.

Properties and Tests.—The grease shall be smooth and uniform, and, in other respects, shall comply with the conditions mentioned hereunder:—

	Soap Content, per cent. approximate.	Oil Content, per cent. approximate.
"A" Grade	7	75-85
"B" Grade	20	75

Consistency.—The grease shall be of such a consistency as to be suitable for the purpose for which it is required.

Special Tests.—Greases submitted under this Specification will be subjected to tests to determine the Melting and Dropping Points.

Sampling and Testing.—A composite sample shall be taken from each delivery. It shall be at least one (1) lb. in weight, and shall be drawn from at least five (5) per cent. of the containers. Such sample shall be accepted as accurately representing the quality of the delivery.

Method of Testing.—The sample shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Lubricating, Illuminating, and Fuel Oils, &c."

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Pate.		Name of Contractor.
				£	s. d.	
<i>GREASES—continued.</i>						
†1860. Nil Grease, Gears, and Conveyors, Compression Cups, Specification M.2—						
†1861. Grade "A" .. .. .	..	} 30 cwt.	cwt.	..	}	} Nil Vacuum Oil Co., Pty. Ltd.
†1862. Grade "B" .. .. .	..				
†1863. No. ½ Cup Grease, Specification M.3 .. .. .	..	} 10 "	do.	..	}	
†1864. No 1 Cup Grease, Specification M.3 .. .. .	..				
†1865. No. 3 Cup Grease, Specification M.3 "Vaxel No. 4½" Compound Grease."	U.S.A.					do.
†1866. Grease, Pantograph Collector, No. 5, Specifi- cation M.3 Grease, Antifriction for Lubrication of Rough Machinery, Rails, Switches, Curves, and other purposes, Specification M.4—	..	200 "	do.	..	}	Nil
†1867. Grade "A" Skip Grease N F	Aust.	} 75 "	do.	0 12 6	}	} Vacuum Oil Co., Pty. Ltd.
†1868. Grade "B" do. do.	do.						do.	0 12 6

TURPENTINE AND TURPENTINE SUBSTITUTES.

TURPENTINE.—SPECIFICATION A.5.—Item No. 1809.

I.—Scope and Manufacture.

This Specification applies both to the Turpentine that is distilled from pine oleoresins, commonly known as "gum spirits" or "spirits of turpentine," and to Turpentine commonly known as "wood turpentine," which is obtained from resinous wood, whether by steam or by destructive distillation.

When ordering under these Specifications, it shall be stated whether (a) gum spirits, or (b) wood turpentine, is desired. When wood turpentine is specified, it may be stated whether steam or destructively distilled wood turpentine shall be furnished.

II.—Properties and Tests.

Turpentine shall be pure and conform to the following requirements:—

	Maximum.	Minimum.
Specific Gravity at 15.5° C.	0.875	0.862
Refractive Index at 20° C.	1.478	1.465
Residue after Polymerization with 38NH ₄ SO ₄ —		
Gum Spirits—		
○ Volume, per cent.	2.0	..
Refractive Index at 20° C. .. .. .	..	1.500
Wood Turpentine—		
Volume, per cent.	2.5	..
Refractive Index at 20° C. .. .. .	..	1.480
Initial Boiling Point at 760 mm. pressure	160° C.	150° C.
Distilling below 170° C. at 760 mm. pressure, per cent. .. .. .	..	90

The Turpentine shall be clear and free from suspended matter and water.
The Colour shall be "Standard" or better.

III.—Detection and Removal of Separated Water.

Draw a portion by means of a glass or metal container with a removable stopper or top, or with a "thief," from the lowest part of the container. If water is found to be present draw it all out, record the quantity, and deduct it from the total volume of liquid delivered.

IV.—Sampling and Testing.

A composite sample of not less than two (2) quarts shall be taken from each delivery. It shall be drawn from at least five (5) packages (from all when fewer), and in no case from less than 2 per cent. of the packages.

The Turpentine shall be tested in accordance with the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

VOLATILE MINERAL SPIRIT PAINT THINNERS.—SPECIFICATION A.6.—Item No. 1870.

I.—Scope.

This Specification applies only to petroleum distillates known as Mineral Spirits or Turpentine Substitutes.

II.—Properties and Tests.

The Oil delivered under these Specifications shall be genuine petroleum distillate, and shall conform to the following requirements:—

- Appearance.—Shall be clear and free from suspended matter and water.
- Colour.—Shall be "Standard" or better.
- Flash Point.—Shall not be lower than 30° C. (86° F.) when tested in the closed cup tester.
- Sulphur.—Shall be absent, as determined by the white-lead test.
- Distillation.—Distillate below 130° C. (266° F.) shall not exceed 5 per cent.
Distillate below 200° C. (392° F.) shall not be less than 97 per cent.
- Reaction.—Shall be neutral.

When tested by the spot test the oil shall evaporate completely from the filter paper.

TURPENTINE AND TURPENTINE SUBSTITUTES—*continued.*

VOLATILE MINERAL SPIRIT PAINT THINNERS, ETC.—*continued.*

III.—Detection and Removal of Separated Water.

Draw a portion by means of a glass or metal container with a removable stopper, or with a "thief," from the lowest part of the container. If water is found to be present draw it all out, record the quantity, and deduct it from the total volume of liquid delivered.

IV.—Sampling and Testing.

A composite sample of not less than two (2) quarts shall be taken from each delivery. It shall be drawn from at least five (5) packages (from all when fewer), and in no case from less than 2 per cent. of the packages.

The Mineral Spirit shall be tested in accordance with the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

TURPENTINE SUBSTITUTE.—SPECIFICATION A.7.—*Item No 1871.*

I.—Scope.

This Specification applies to Turpentine Substitute other than petroleum distillates

II.—Properties and Tests.

The Substitute shall conform to the following requirements :—

- Appearance.—Shall be clear and free from suspended matter.
- Colour.—Shall be "Standard" or better.
- Flash Point.—Shall not be lower than 50° C. (122° F.) when tested in closed cup tester.
- Moisture.—Shall not be present in greater quantities than 2 per cent.
- Distillation.—Distillate below 220° C. (428° F.) shall not be less than 95 per cent.
- Residue after Polymerization.—Shall not be greater in volume than 3½ per cent.

III.—Sampling and Testing.

A composite sample of not less than two (2) quarts shall be taken from each delivery. It shall be drawn from at least five (5) packages (from all when fewer) and in no case from less than 2 per cent. of the packages.

The Substitute shall be tested in accordance with the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

SPECIFICATION FOR SUPPLY OF METHYLATED SPIRITS.

The Methylated Spirits required by these specifications shall consist mainly of ethyl alcohol which has been denatured to conform with the regulations of the Customs and Inland Revenue Department of the Commonwealth of Australia.

The Methylated Spirits shall be of the strength known as 64 over-proof, and shall contain not less than 90 per cent. of alcohol by weight.

The Methylated Spirits shall be clear and free from suspended matter, and shall not be perceptibly coloured.

The Methylated Spirits shall be suitable for dissolving shellac and similar resins.

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

This sample when subjected to test shall conform to all the requirements of the above specifications.

As regards Item 1870, the rate tendered is subject to market fluctuations.

Name of Manufacturer—Item No. 1871A—Bundaberg Distilling Co., Queensland.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
†1869. Turpentine, Specification A.5, "Voco" ..	U.S.A.	8,000 gals.	gallon	£ s. d. 0 7 3	W. & G. Dean Pty. Ltd.
†1870. Turpentine, Substitute volatile mineral spirit, paint thinners, Specification A.6, "Shell."	Dutch E. Indies.	4,000 "	Case of 2 x 4 gall. tins.	*0 18 0	British Imperial Oil Co. Ltd.
†1871. Turpentine, Substitute other than petroleum distillates. Specification A.7 ..		..	..	..	Nil.
†1871A. Spirits, Methylated ..	Aust.	600 "	gallon	0 2 10	E. L. Yencken & Co. Pty. Ltd.

VARNISHES.

CARRIAGE VARNISH.—SPECIFICATION D.1.—*Items Nos. 1872-1873A.*

I.—Scope.

This Specification covers varnishes known as Hard Drying Varnish and Durable Body Varnish for exterior carriage work.

II.—Manufacture.

The varnishes shall be made from the best grades of hard varnish gums, pure linseed oil, and pure turpentine, with the minimum amount of suitable driers necessary to insure the proper drying of the varnish.

III.—Properties and Tests.

The varnish shall be clear and transparent, and free from suspended matter and adulterants. It shall contain no added rosin or turpentine substitute.

(a) Hard Drying Varnish. This varnish shall conform to the following requirements :—

- Colour.—Not darker than a solution of 6 gm. of potassium dichromate in 100 c.c. of pure sulphuric acid, special gravity 1.84.
- Flash Point.—Shall not flash below 85° F. when tested in the closed tester.
- Drying Test.—Shall set to touch in from 6 to 12 hours, and shall dry hard within 24 hours when maintained at 70° F. in dust-free atmosphere.

VARNISHES—*continued.*CARRIAGE VARNISH—*continued.*

Toughness.—A film on metal shall stand rapid bending over a rod 3 mm. ($\frac{1}{8}$ inch) in diameter.

Working Properties.—Shall have good brushing, flowing, covering, and levelling properties.

Durability.—The right is reserved to subject the varnish offered under these specifications to durability tests. In cases where the Testing Laboratory has previous data on the same brand of varnish, acceptance or rejection may be provisionally based on the last completed test of the brand of varnish in question.

(b) Durable Body Varnish. This varnish shall conform to the following requirements:—

Colour.—Not darker than a solution of 6 grm. of potassium dichromate in 100 c.c. of pure sulphuric acid, specific gravity 1.84.

Flash Point.—Shall not flash below 85° F. when tested in the closed tester.

Drying Test.—Shall dry hard in from 24 to 48 hours, when maintained at 70° F. in dust-free atmosphere.

Toughness.—A film on metal shall stand rapid bending over a rod 3 mm. ($\frac{1}{8}$ inch) in diameter.

Water Resistance.—Dried film must withstand cold water for eighteen hours and boiling water for twenty minutes without whitening or dulling.

Working Properties.—Shall have good brushing, flowing, covering, and levelling properties.

Durability.—The right is reserved to subject the varnish offered under these specifications to durability tests. In cases where the Testing Laboratory has previous data on the same brand of varnish, acceptance or rejection may be provisionally based on the last completed test of the brand of varnish in question.

IV.—Sampling and Testing:

(5) One unopened package shall be taken at random from each delivery.

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

COPAL VARNISH.—SPECIFICATION D.2.—*Item No. 1874.*

I.—Scope.

This Specification covers the varnish known as "Pale Copal" Varnish for interior work.

II.—Manufacture.

The varnish shall be made from the best grades of hard varnish gums, pure linseed oil, and pure turpentine, with the minimum amount of suitable driers necessary to insure the proper drying of the varnish.

III.—Properties and Tests.

The varnish shall be clear and transparent and free from suspended matter and adulterants. It shall contain no added rosin or turpentine substitute.

The varnish shall conform to the following requirements:—

Flash Point.—Shall not flash below 85° F. when tested in close tester.

Drying Test.—Shall set to touch in from six to eight hours, and shall dry hard within twenty-four hours when maintained at 70° F. in dust-free atmosphere.

Working Properties.—Varnish must have good brushing, flowing, covering, and levelling properties.

IV.—Sampling and Testing.

One unopened package shall be taken at random from each delivery.

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

OAK VARNISH.—SPECIFICATION D.3.—*Item No. 1875.*

I.—Scope.

This Specification covers the varnish known as "Oak" Varnish, used for cabinet and interior work.

II.—Manufacture.

The varnish shall be made from pure varnish gums, pure linseed oil, and suitable thinners and driers.

III.—Properties and Tests.

The varnish shall be clear and transparent and free from suspended matter and adulterants. It shall contain no added rosin.

The varnish shall conform to the following requirements:—

Flash Point.—Shall not flash below 85° F. when tested in a closed tester.

Drying Test.—Shall dry hard within twelve hours when maintained at 70° F. in dust-free atmosphere.

Working Properties.—Varnish must have good brushing, flowing, covering, and levelling properties.

IV.—Sampling and Testing.

One unopened package shall be taken at random from each delivery.

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

GOLD SIZE.—SPECIFICATION D.4.—*Item No. 1876.*

I.—Scope.

This Specification covers the varnish known as Japanners' Gold Size or Japan Gold Size.

II.—Manufacture.

The gold size shall be made from the best grades of hard varnish gums, pure linseed oil, and pure turpentine, with suitable driers.

VARNISHES—*continued.*GOLD SIZE—*continued.*

III.—Properties and Tests.

The gold size shall be clear and transparent and free from suspended matter and adulterants. It shall contain no added rosin or turpentine substitute.

The gold size shall conform to the following requirements :—

Flash Point.—Shall not flash below 85° F. when tested in a closed tester.

Drying Test.—Shall set to touch in from 15 to 30 minutes when maintained at 70° F. in dust-free atmosphere.

IV.—Sampling and Testing.

One unopened package shall be taken at random from each delivery.

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

JAPAN BLACK.—SPECIFICATION D.5.—*Item No. 1877.*

I.—Scope.

This Specification covers the varnish known as Japan Black.

II.—Manufacture.

The japan shall be made from pure, best quality asphaltum, pure linseed oil, and pure turpentine, with suitable driers.

III.—Properties and Tests.

The japan shall be free from adulterants, and shall contain no added rosin or turpentine substitutes.

The japan shall conform to the following requirements :—

Flash Point.—Shall not flash below 85° F. when tested in a closed tester.

Drying.—Shall set to touch in from 1½ to 2½ hours and shall dry hard in less than 20 hours when maintained at 70° F. in dust-free atmosphere. The film must be perfectly smooth and of full body.

Toughness.—Film on metal must stand rapid bending over a rod 3 mm. (¼ inch) in diameter.

Stoving.—When stoved at 400° F. the japan shall show no signs of discolouration, burning, blistering, or cracking, and the film shall be sufficiently elastic to allow of being bent at right angles without cracking.

When rubbed vigorously with the ball of the finger the film shall show no signs of "Rubbing" or "Dusting."

Working Properties.—The japan must have good brushing, flowing, covering, and levelling properties.

IV.—Sampling and Testing.

One unopened package shall be taken at random from each delivery.

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

LIQUID JAPAN DRIER.—SPECIFICATION D.6.—*Item No. 1878.*

I.—Scope.

This Specification covers the Liquid Japan Drier (containing gums) known as Terebine.

II.—Manufacture.

The drier shall be composed of lead, manganese or cobalt, or a mixture of any of these elements combined with a suitable fatty oil, varnish gums, and mineral spirits or turpentine or a mixture of these solvents.

III.—Properties and Tests.

The drier shall be clear and free from suspended matter and sediment. It shall contain no added rosin or other adulterants.

It shall conform to the following requirements :—

Colour.—When mixed with eight parts by volume of raw linseed oil the resulting mixture shall be no darker than a solution of 6 grm. potassium dichromate in 100 c.c. of pure sulphuric acid of specific gravity 1.84.

Flash Point.—Shall not flash below 85° F. when tested in closed tester.

Mixing with Linseed Oil.—It shall mix with pure raw linseed oil in the proportion of 1 volume of drier to 10 volumes of oil without curdling.

Drying.—When mixed with 19 parts of raw linseed oil and flowed on glass, the film shall dry hard in not more than 18 hours, when maintained at 70° F. in dust-free atmosphere.

Baking.—When flowed on metal and baked for two hours at 100° C. (212° F.) the drier shall leave an elastic film.

IV.—Sampling and Testing.

One unopened package shall be taken at random from each delivery.

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

PAPER VARNISH.—SPECIFICATION D.7.—*Item No. 1879.*

I.—Scope.

This Specification covers the spirit varnish known as Paper Varnish, used for varnishing maps and similar purposes.

II.—Manufacture.

The varnish shall be made from best quality Damar or other gums, digested cold in a suitable solvent. It shall be thoroughly settled.

III.—Properties and Tests.

The varnish shall be clear and free from suspended matter, and shall contain no rosin, mineral matter, or other adulterants.

It shall conform to the following requirements :—

Colour.—Water white.

Drying.—Shall set to touch in not more than 30 minutes, and shall dry hard and elastic when maintained at 70° F. in dust-free atmosphere.

Toughness.—Film on metal must stand rapid bending over a rod 3 mm. (¼ inch) in diameter.

Working Properties.—Varnish must have good brushing, flowing, covering, and levelling properties.

VARNISHES—*continued.*

PAPER VARNISH, ETC.—*continued.*

IV.—Sampling and Testing.

One unopened package shall be taken at random from each delivery.
The varnish shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

SPIRIT VARNISH.—SPECIFICATION D.8.—*Item No. 1880.*

I.—Scope.

This Specification covers varnishes known as Spirit Varnishes, both Brown and White.

II.—Manufacture.

Spirit varnish shall be made from hard varnish gums, digested cold in methylated spirits.
The order shall state whether White or Brown Varnish is required.

III.—Properties and Tests.

The varnish shall be clear and of satisfactory colour. It shall be free from suspended matter or sediment, and shall contain no rosin or other adulterants.

The varnish shall conform to the following requirements:—

Methylated Spirits.—Shall be at least 64 overproof.

Drying Test.—Shall set to touch in not more than 30 minutes, when maintained at 70° F. in a dust-free atmosphere.

IV.—Testing and Sampling.

One unopened package shall be taken at random from each delivery.

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

KNOTTING VARNISH.—SPECIFICATION D.9.—*Item No. 1881.*

I.—Scope.

This Specification covers the Spirit Varnish known as Knotting Varnish.

II.—Manufacture.

Knotting Varnish shall be made of pure shellac, digested cold in methylated spirits.

III.—Properties and Tests.

The varnish shall be clear and free from suspended matter and sediment. It shall contain no added rosin or other adulterants.

The varnish shall conform to the following requirements:—

Methylated Spirits.—Shall be at least 64 overproof.

Drying Test.—Shall dry to touch in not more than 20 minutes when maintained at 70° F. in dust-free atmosphere.

IV.—Sampling and Testing.

One unopened package shall be taken at random from each delivery.

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

FRENCH POLISH.—*Item No. 1882.*

To consist of pure orange shellac and 64 O.P. methylated spirits.

FRENCH POLISH, WHITE.—*Item No. 1883.*

To consist of finest bleached shellac and 64 O.P. methylated spirits.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
Varnish, in ½ gallon or 1 gallon tins, as ordered— Carriage Varnish, Specification D.1.—					
†1872. Hard Drying	Aust. }	4,000 gals.	gallon	0 13 6	Victoria Varnish Co. Pty. Ltd.
†1872A. Hard Drying	" }			do.	0 13 3	Edinburgh Varnish Works
†1873. Durable (Wearing body)	" }	2,000 "	do.	0 16 0	Victoria Varnish Co. Pty. Ltd.
†1873A. Durable (Wearing body)	" }			do.	0 14 9	Edinburgh Varnish Works
†1874. Copal, Specification D2	"	500 "	do.	0 9 6	Victoria Varnish
†1875. Oak, Specification D3	"	500 "	do.	0 8 6	Co. Pty. Ltd.
†1876. Gold Size, Specification D4	"	1,000 "	do.	0 11 0	Edinburgh Varnish Works

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
VARNISHES—continued.					
†1877. Japan, Black, Specification D5	Aust.	50 gals.	gallon	0 8 6	Victoria Varnish Co. Pty. Ltd.
†1878. Liquid Japan Drier (Terebine), Specification D6 "Mirror"	"	2,600 "	do.	0 5 9	S. Smith & Co.
†1879. Paper, Specification D7, Docker's "Sun"	"	10 "	do.	0 15 0	Robt. Ingham, Clark & Co. (Aust.) Ltd.
†1880. Spirit, White or Brown, as ordered, Specification D8	"	50 "	do.	..	Nil.
†1881. Knotting, Specification D9	Aust.	50 "	do.	0 10 0	Victoria Varnish Co. Pty. Ltd.
†1882. French Polish "Locomotive"	"	600 "	do.	0 10 9	Chas. Atkins & Sons Pty. Ltd.
†1883. French Polish, White "Mirror"	"	150 "	do.	0 12 6	S. Smith & Co.
†1884. Insulating, Air-drying, Black, Docker's "Sun"	"	50 "	do.	0 11 0	Robt. Ingham, Clark & Co. (Aust.) Ltd.
†1885. Remover, Paint and Varnish, in 1-gal. tins "Payntoff"	"	1,000 "	do.	0 7 0	Edinburgh Varnish Works
†1886. Remover, Paint and Varnish, in 4-gal. tins "Payntoff"	"		do.	0 6 0	

LIQUID DISINFECTANTS.

The Disinfectant to be supplied under item 1887 shall have a Rideal Walker Coefficient of not less than 14, and that supplied under item 1888 shall have a Rideal Walker Coefficient of not less than 3½.

†1887. Disinfectant, Liquid, in 10 gallon drums, High grade "Sal-Hycol"	Gt. Brit.	3,500 gals.	gallon	0 6 6	Salmond & Spraggon (Aust.) Ltd.
†1888. Disinfectant, Liquid, Low grade, in 4-gal. tins	Aust.		do.	0 1 1½	C. Atkins & Sons Pty. Ltd.
1890. "Dasol," in 1-lb. bottles	..	Nil bots.	bot.	..	Nil.

COLOURS, PIGMENTS, ETC.

BASIC CARBONATE WHITE LEAD.—SPECIFICATION B.1.—ITEM 1908.

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 PbCO₃.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

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."

BASIC CARBONATE WHITE LEAD IN OIL.—SPECIFICATION B.1A.—ITEM 1908A.

I.—Scope.

This specification covers what is commonly known as Basic Carbonate White Lead ground in oil to form a paste.

COLOURS, PIGMENTS, ETC.—*continued.*BASIC CARBONATE WHITE LEAD IN OIL—*continued.*

II.—Manufacture.

(a) Dry Pigment.—The pigment shall be the product made from metallic lead having the composition corresponding approximately to the formula $2PbCO_3 \cdot Pb(OH)_2$. It shall be thoroughly washed after corroding, and shall be free from impurities and adulterants; it shall show no trace of crystalline structure, and shall meet the requirements given in section 3(a).

(b) Paste.—The paste shall be made by thoroughly grinding the specified pigment (Basic Carbonate White Lead) Specification B.1 with Raw Linseed Oil, conforming to the requirements of Specification A.1, Paint Vehicles, as shown in section 3 (b).

III.—Properties and Tests.

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

	Maximum.
Coarse Particles retained on Standard 200 screen, per cent.	0
Lead Carbonate	75
Lead Acetate, expressed as absolute Acetic Acid	0.15
Total impurities, including moisture, per cent.	2.0

(b) The Raw Linseed Oil must conform to the following requirements:—

	Maximum.	Minimum.
Specific Gravity at 15.5 degrees C.	0.935	0.931
Acid Number	5	..
Saponification Number	192	189
Unsaponifiable matter, per cent.	1.5	..
Refractive Index at 25 degrees C.	1.4805	1.4790
Iodine Number	190	175

(c) 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. . . . .	..	90
Linseed Oil, per cent.	10	8
Moisture and other volatile matter, per cent.	0.5	..
Coarse particles and skins (total residue retained on Standard Number 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 White Lead in Oil shall be tested according to the methods described in "Circular of the Australian Railways—Testing of Paint Materials."

ZINC OXIDE.—SPECIFICATION B.2.—ITEMS 1933 AND 1934.

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.		French Process.	
	Maximum.	Minimum.	Maximum.	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.—ITEM 1907.

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 in 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."

COLOURS, PIGMENTS, ETC.—*continued.*

INDIAN RED.—SPECIFICATION B.6.—ITEMS 1916 AND 1917.

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 1918 AND 1919.

I.—Scope.

This specification covers the ferric 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."

IRON OXIDE.—SPECIFICATION B.8.—ITEMS 1911 AND 1912.

I.—Scope.

This specification covers Iron Oxide (Hæmatite) pigments of red and brown colours, purchased either as dry pigment or ground in oil to form a paste.

II.—Manufacture.

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

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

III.—Properties and Tests.

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

	Maximum.	Minimum.
Coarse particles retained on Standard No. 200 screen, per cent.	0.0	..
Ferric Oxide, per cent. . . . .	..	..
Material other than Ferric Oxide, insoluble siliceous matter and loss on ignition, per cent. . . . .	..	..
Organic colouring matter shall be absent.		

} To be filled in after
tender is accepted.

(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.

COLOURS, PIGMENTS, ETC.—*continued.*IRON OXIDE—*continued.*

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 1909 AND 1910.

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."

CHROME (YELLOW).—SPECIFICATION B.10.—ITEMS 1901 AND 1902.

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 other 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 1905.

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 (Light and Middle) (Deep) per cent. . . . .	..	15.0
Material soluble in water, including soluble Prussian Blue, per cent.	0.5	..
Acid soluble, or water soluble Calcium in any form, calculated as CaO, per cent.	2.0	..
Material other than Colour and Barium Sulphate, per cent.	15.0	..
The remainder shall be Barium Sulphate.		

IV.—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."

SIENNA AND UMBER.—SPECIFICATION B.12.—ITEMS 1920 TO 1929.

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.

COLOURS, PIGMENTS, ETC.—*continued.*

II.—Manufacture.

(a) Dry Pigment.—The pigment shall be 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 1931.

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 DRY TAN PIGMENT—ITEM No. 1913.

The pigment shall consist of hydrated ferric oxide and silica of such a degree of fineness that when it is mixed with water and rubbed on a glass plate with a steel palette knife, no rasping shall be felt against the glass.

The pigment must be of good colour and must be free from acid, alkalies, sulphides, aniline colours, lakes and colouring matters other than ferric oxide.

Name of Manufacturer—

Items 1901, 1902 and 1927—*Borthwicks Pty. Ltd.*

Items 1908 and 1908A—*Lewis Berger & Sons.*

Items 1910 and 1915—*Blundell, Spence & Co.*

Items 1939 and 1940—*Sherwin Williams (Aust.) Ltd.*

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
†1891. Black, in oil, in 112 lb. kegs	Aust.	5 tons	ton	£ s. d. 36 0 0	J. Danks & Son Pty. Ltd.
†1892. Black, Drop, dry	Gt. Brit.	1,000 lbs.	lb.	0 0 10	E. L. Yencken & Co. Pty. Ltd.
†1893. Black, Vegetable	Aust.	50 cwt.	cwt.	4 10 0	S. Smith & Co.
†1894. Blue, Prussian, in oil, in 11b. tins	G. Brit.	50 lbs.	lb.	0 2 0	} Wilkinson Heywood & Clark (Melb. Branch)
†1895. Blue, Ultramarine, dry, in 7 and 28lb. parcels	„	5 cwt.	cwt.	6 0 0	
†1895A. Brown, Bismarck, dry	„	28 lbs.	lb.	0 4 11	H. J. Corder Pty. Ltd.
†1896. Brown, Purple, dry	„	250 „	do.	0 0 3	J. Sharp & Sons Ltd.
†1897. Brown, Spanish, dry	„	160 „	cwt.	1 10 0	E. L. Yencken & Co. Pty. Ltd.
†1898. Brown, Vandyke, dry, in 7 and 28 lb. parcels	„	112 „	lb.	0 0 6	Wilkinson Heywood & Clark (Melb. Branch)
†1899. Brown, Vandyke, in pulp	„	150 „	do.	0 1 6	E. L. Yencken & Co. Pty. Ltd.
†1900. (Carminette) Carmilion	„	150 „	do.	0 2 9	Wilkinson Heywood & Clark (Melb. Branch)
†1901. Chrome, Dry, Yellow, any shades ordered, Specification B.10	Aust.	5 cwt.	cwt.	6 18 0	} Victoria Varnish Co. Pty. Ltd.
†1902. Chrome in oil, Yellow, any shades ordered, Specification B.10	„	3 „	do.	5 0 0	
†1903. Crimson Lake, in oil	„	1 „	do.	..	Nil

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
COLOURS, PIGMENTS, ETC.—continued.					
†1904. Green, Bronze, or Quaker, dry, any shades ordered ..	Aust.	60 lbs.	lb.	0 0 7½	Briscoe & Co. Ltd.
†1905. Green, Brunswick, dry, any shades ordered, in 14-lb. and 28-lb. packages, as ordered, Specification B.11 ..	Gt. Brit.	15 cwt.	cwt.	2 5 0	E. L. Yencken & Co. Pty. Ltd.
†1906. Indelible, White, "Frescoline" ..	Aust.	1 "	do.	1 10 0	
†1907. Lead, Red, dry, Hulbrets, Genuine ..	Gt. Brit.	120 "	do.	2 11 6	J. Danks & Son Pty. Ltd.
†1908. Lead, White (Basic Carbonate), dry, genuine, Specification B.1 ..	Aust.	25 "	do.	2 13 6	H. J. Corder Pty. Ltd.
†1908A. Lead, White (Basic Carbonate), in oil, Specification B.1A ..	"	10 "	do.	2 15 6	
†1909. Ochre, dry, any shades ordered ..	"	1,000 lbs.	lb.	0 0 2	W. G. Dean Pty. Ltd.
†1910. Ochre, in oil, any shades ordered ..	Gt. Brit.	1 000 "	do.	0 0 6	
†1911. Oxide, Red, in oil, Specification B.8 ..	Aust.	120 cwt.	cwt.	2 2 0	S. Smith & Co.
†1912. Oxide of Iron, Brown, dry, Specification B.8 ..	"	10 tons	ton	*6 0 0	J. W. Glover & Co.
†1913. Pigment, Tan, dry, crude, in bags ..	"	20 "	ton gross weight.	8 0 0	C. Atkins & Sons Pty. Ltd.
†1914. Pink, Rose, dry ..	Gt. Brit.	20 lbs.	lb.	0 1 1½	H. J. Corder Pty. Ltd.
†1915. Red, Chinese, dry ..	"	200 "	do.	0 2 0	W. & G. Dean Pty. Ltd.
†1916. Red, Indian, dry, Specification B.6 ..	"	10 cwt.	cwt.	2 2 6	S. Smith & Co.
†1917. Red, Indian, in oil, Specification B.6 ..	Aust.	1 "	do.	2 12 6	
†1918. Red, Venetian, dry, Specification B.7 ..	Gt. Brit.	5 "	do.	1 4 6	J. Sharp & Sons Ltd.
†1919. Red, Venetian, in oil, Specification B.7 ..	Aust.	5 "	do.	2 5 0	C. Atkins & Sons Pty. Ltd.
†1920. Sienna, Burnt, dry, Specification B.12 ..	"	20 lbs.	lb.	..	Nil.
†1921. Sienna, Burnt, in oil, in 1-cwt. packages, Specification B.12 ..	Aust.	120 cwt.	cwt.	2 17 6	C. Atkins & Sons Pty. Ltd.
†1922. Sienna, Burnt, in oil, in 14-lb. and 28-lb. packages, as ordered, Specification B.12 ..	"		do.	3 2 6	
†1923. Sienna, Burnt, in pulp, Specification B.12 in 7 lb. tins ..	"	200 lbs.	lb.	0 0 5	S. Smith & Co.
†1924. Sienna, Raw, in oil, in 1-cwt. packages, Specification B.12 ..	"	150 cwt.	cwt.	2 7 6	
†1925. Sienna, Raw, in oil, in 14-lb. and 28-lb. packages, as ordered, Specification B.12 ..	"		do.	2 9 6	
†1926. Sienna, Raw, in pulp, Specification B.12, in 7 lb. tins ..	"	260 lbs.	lb.	0 0 4½	C. Atkins & Sons Pty. Ltd.
†1927. Umber, Burnt, dry, Specification B.12 ..	"	100 "	do.	0 0 3½	Victoria Varnish Co. Pty. Ltd.
†1928. Umber, Burnt, in oil, in 1-cwt. packages, Specification B.12 ..	"	40 cwt.	cwt.	2 7 6	S. Smith & Co.
†1929. Umber, Burnt, in oil, in 14-lb. and 28-lb. packages, as ordered, Specification B.12 ..	"		do.	2 9 6	
†1930. Vermilion, Pure, deep ..	Gt. Brit.	650 lbs.	lb.	0 4 3	E. L. Yencken & Co. Pty. Ltd.
†1931. Whiting (Calcium Carbonate), Gostling's Genuine English ..	"	75 cwt.	cwt.	0 7 1½	J. Danks & Sons Pty. Ltd.
†1932. French Crown Green ..	France	50 lbs.	lb.	0 2 0	J. Danks & Sons Pty. Ltd.
†1933. Zinc Oxide (Zinc White), in oil, Specification B.2 ..	Aust.	25 cwt.	cwt.	2 15 0	C. Atkins & Sons Pty. Ltd.
†1934. Zinc Oxide, dry, Specification B.2 ..	"		do.	2 0 0	
†1934A. Zinc Oxide and Barytes, in oil (Safety White) ..	"	20 "	do.	1 17 6	
PAINTS, ETC.					
†1935. Paint, Distemper, washable, any shades ordered "Coloro" ..	"	50 cwt.	do.	1 4 3	Briscoe & Co. Ltd.

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

COLOURS, PIGMENTS, ETC.—continued.

PAINTS, ETC.—continued.					
†1936. Paint, Enamel, any tint ordered, in ¼-gallon tins	Aust.	50 gals.	gallon	0 17 0	S. Smith & Co.
Paint, Enamel, stove, cycle, in 6-lb. tins—					
1937. Royal Blue	"	10 tins	tin	0 12 0	J. Sharp & Sons Ltd.
1938. White	"	10 "	do.	0 12 0	
†1939. Paint, Metal Priming, Black, 7-lb. tins	"	5 "	do.	0 15 6	J. Sharp & Sons Ltd.
†1940. Paint, Metal Priming, Brown, 7-lb. tins	"	5 "	do.	0 15 6	

PAINTERS' AND GRAINERS' SUNDRIES.

†1941. Aluminium Leaf, Best quality, 5"	Gt. Brit.	10 books	book of 25 sheets.	0 0 5	E. L. Yencken & Co. Pty. Ltd.
†1942. Aluminium Powder, Best quality	"	50 lbs.	lb.	0 3 3	J. Danks & Son Pty. Ltd.
†1943. Beeswax	Aust.	300 "	do.	0 1 6	W. & G. Dean Pty. Ltd.
†1943A. Cutters, Glass, Turret head, No. 1	U.S.A.	12 No.	each	0 1 0	
†1944. Dabs, Gilders' Bear Hair—Nos. 4 to 6, as ordered	Germany	75	do.	0 1 5	W. & G. Dean Pty. Ltd.
†1945. Dabs, Gilders' Bear Hair—Nos. 8 to 14 as ordered	"	50	do.	0 2 6	
†1946. Diamonds, Glaziers' No. 5	"	15	do.	..	Nil
†1947. Fitches, Hog Hair Lining, ¼" to 1", as ordered	Gt. Brit.	60	do.	0 1 0	E. L. Yencken & Co. Pty. Ltd.
Fitches, Hog Hair, flat or round, as ordered, black polished handles—					
†1948. Nos. 4 to 6	France	10	do.	0 0 6	W. & G. Dean Pty. Ltd.
†1949. No. 7	"	10	do.	0 0 7	
†1950. No. 8	"	20	do.	0 0 8	W. & G. Dean Pty. Ltd.
†1951. No. 9	"		do.	0 0 9	
†1952. No. 10	"	10	do.	0 0 10	Nil
†1953. No. 11	"		do.	..	
†1954. No. 12	France		do.	0 1 0	W. & G. Dean Pty. Ltd.
†1955. Fitches, Red Sable, in Albata, flat or round, Nos. 0 to 6, as ordered	"	30 books	book of 25 sheets	..	Nil
†1956. Gold Leaf, Best quality	Gt. Brit.	200 "	do.	0 1 9½	J. Danks & Son Pty. Ltd.
†1957. Knives, Hacking, Tyzack	"	30	each	0 1 0	Briscoe & Co. Ltd.
†1958. Knives, Palette, 6" or 7" blade, as ordered, "Tyzacks"	"	5	do.	0 1 7½	
†1959. Knives, Putty, any sizes ordered, "Tyzacks"	"	75	do.	0 1 6	Nil
†1960. Knives, Stopping, 6" blade	"	100	do.	..	
†1961. Knives, Stripping, 3" blade, "Perigo Bros."	Gt. Brit.	100	do.	0 1 9	E. L. Yencken & Co. Pty. Ltd.
†1962. Patent filling-up	Aust.	60 cwt.	cwt.	2 2 0	J. Danks & Son Pty. Ltd.
Pencils, Sable, Writers' or Liners' Best Red—					
†1963. Lark	Gt. Brit.	50	each	0 0 5	E. L. Yencken & Co. Pty. Ltd.
†1964. Crow	"	70	do.	0 0 8	
†1965. Duck	"	100	do.	0 1 0	W. & G. Dean Pty. Ltd.
†1966. Goose	"	70	do.	0 2 0	
†1967. Mid Swan, Writers' only	"	25	do.	0 4 0	H. J. Corder Pty. Ltd.
†1968. Large Swan, Writers' only	"	15	do.	0 4 9	J. Danks & Son Pty. Ltd.
†1969. Plaster of Paris	Aust.	100 cwt.	cwt.	0 8 0	E. L. Yencken & Co. Pty. Ltd.
†1970. Pumice Blocks, any Nos. ordered, "Com-pum"	Gt. Brit.	900	each.	0 0 5	W. & G. Dean Pty. Ltd.
†1971. Pumice Dust, Superfine	Italy	15 cwt.	cwt.	0 14 11	J. Danks & Son Pty. Ltd.
†1972. Pumice Dust, Nos. 1 to 3, as ordered, "Benjamin Bacot"	Gt. Brit.	5 "	do.	0 15 0	E. L. Yencken & Co. Pty. Ltd.
†1973. Pumice Stone, "Benjamin Bacot"	"	5 "	do.	1 10 0	

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

PAINTERS' AND GRAINERS' SUNDRIES—continued.

†1974. Putty in Oil, in 28-lb. tins	Aust.	300 cwt.	cwt.	*1 2 3	A. Spooner
†1975. Putty in Drums	"		do.	0 19 0	E. L. Yencken & Co. Pty. Ltd.
†1976. Tools, Camel Hair, flat, in tin—1½" to 2"	Gt. Brit.	5	each	0 2 6	W. & G. Dean Pty. Ltd.
†1976A. Stones, rubbing, "Eureka"	U.S.A.	500	do	0 0 8	E. L. Yencken & Co. Pty. Ltd.

* Less 2½ per cent

GLASS.

The Glass is to be cut to any size and template ordered. All circular cuts to be allowed square measurement. The Trimidical Glass under Item No. 2009 shall be so cut that when it is placed in position the base of the triangle in pattern shall be horizontal.

†1977. Amber, any shades ordered	Gt. Brit.	500 sq. ft.	sq. ft.	0 1 6	E. L. Yencken & Co. Pty. Ltd.	
†1978. Arctic, white	"	300 "	do.	0 0 11	Brooks, Robinson & Co. Ltd.	
†1978A. Arctic, coloured	"		do.	0 1 1		
†1979. Flemish, any colours ordered	"	750 "	do.	0 1 2		
†1980. Opal, 16 oz.	Belgium	2,000 "	do.	0 0 10		
†1980A. Opal, 21 oz.	"		do.	0 1 1		
Plate, Polished, level, clear and free from blemish, as ordered—						
1981. ½"	Gt. Brit.	2,000 "	do.	0 3 2		
1982. ¾", square feet 0 to 10	"	2,600 "	do.	0 2 10½		
1983. 1", square feet 0 to 10	"	2,000 "	do.	0 2 8		
1984. 1½"	"	300 "	do.	0 3 0/		
1985. Plate, Rolled, ribbed, ⅛" or ⅜", as ordered	"	3,500 "	do.	0 0 9		
1986. Plate, Rolled, ribbed, ¼"	"	100 "	do.	0 0 10½		
1987. Plate, Silvered, ¼" bevelled up to 1", as ordered	Belgium & Aust.	200 "	do.	0 4 9	Brooks, Robinson & Co. Ltd.	
1988. Plate, Silvered, ⅝" bevelled up to 1", as ordered	"		do.	0 4 9		
†1989. Plate, Wire cast	Gt. Brit.	1,000 "	do.	0 1 1		
†1990. Plate, Wire rolled	"	4,000 "	do.	0 1 2		
1991. Sheet, 16 oz., United inches, 0 to 40	"	5,000 "	do.	0 0 3½		
1992. Sheet, 21 oz., United inches, 0 to 40	"	16,000 "	do.	0 0 4½		
1993. Sheet, 21 oz., United inches, over 40 to 50	"	4,000 "	do.	0 0 6		
1994. Sheet, 21 oz., United inches, over 50 to 70	"	4,000 "	do.	0 0 6½		
1995. Sheet, 21 oz., United inches, over 70 to 80	"	4,000 "	do.	0 0 7½		
1996. Sheet, 21 oz., United inches, over 80 to 90	"	500 "	do.	0 0 9½		
1997. Sheet, 21 oz., United inches, over 90 to 100	"	700 "	do.	0 0 10		
1998. Sheet, 21 oz., 16" x 14"	"	1,000 pcs.	piece	0 0 7		
1999. Sheet, 26 oz., United inches, 0 to 40	"	30,000sq.ft.	sq. ft.	0 0 7½		
2000. Sheet, 26 oz., United inches, over 40 to 50	"	15,000 "	do.	0 0 9		
2001. Sheet, 26 oz., United inches, over 50 to 70	"	3,000 "	do.	0 0 10½		
2002. Sheet, 26 oz., United inches, over 70 to 80	"	3,000 "	do.	0 0 10½		
2003. Sheet, 26 oz., United inches, over 80 to 90	"	2,000 "	do.	0 1 0		
2004. Sheet, 26 oz., United inches, over 90 to 100	"	100 "	do.	0 1 2		
2005. Sheet, Ground, 21 oz.	"	500 "	do.	0 0 8		
2006. Sheet, Ground, 26 oz.	"	1,200 "	do.	0 1 0		
†2007. Sheet, Signal green, 16 oz.	"	500 "	do.	0 2 9		
†2008. Sheet, Signal red, 16 oz.	Belgium	700 "	do.	0 1 1		
†2009. Trimidical	Gt. Brit.	3,000 "	do.	0 1 0		

SUNDRY BRUSHWARE.

†2010. Brooms, Bass	Aust.	1,500	each	0 1 11	Royal Vict. Inst. for the Blind
†2011. Brooms, Bassine, 24"	"	500	do.	0 4 6	
†2012. Brooms, Bass and Cane	"	1,000	do.	0 1 11	
†2013. Brooms, All Cane	"	250	do.	0 1 11	
†2014. Brooms, Hair, small	"	1,800	do.	0 2 11	
†2015. Brooms, Hair, 24"	"	400	do.	0 7 6	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
SUNDRY BRUSHWARE—continued.					
†2016. Brooms, Hair, 24", stayed and handled, complete		50	each	..	Nil
†2016A. Brooms, Hair, 24", handled (not stayed)					
†2017. Brooms, Millet and Ratten	Aust.	2,500	do.	0 2 8½	Excelsior Broom Co.
†2018. Brushes, Blacklead (three in a set)	"	30 sets	set	0 3 6	Royal Victn. Inst. for the Blind
†2019. Brushes, Bottle	"	100	each	0 0 4½	
†2020. Brushes, Channel	"	25	do.	0 1 6	
†2021. Brushes, Clothes, lettered V.R.	"	50	do.	0 7 9	
†2022. Brushes, Damping, flat, in tin, 4"	"	25	do.	0 1 11½	John Zevenboom Co.
†2023. Brushes, Distemper, Fibre	"	200	do.	0 1 4½	
†2024. Brushes, Duster, Painters' "A2"	"	250	do.	0 2 6	
†2025. Brushes, Fibre	"	1,200	do.	0 1 2	
†2026. Brushes, Flue	"	100	do.	0 1 3	Royal Victn. Inst. for the Blind
†2027. Brushes, Hair, lettered V.R.		15	do.	..	Nil
†2028. Brushes, Hand, Banister	Aust.	1,500	do.	0 2 5	Royal Victn. Inst. for the Blind
†2029. Brushes, Hand, Banister, Bassine	"	10	do.	0 1 3	
†2030. Brushes, Lye	"	20	do.	0 1 9	
†2031. Brushes, Nail	"	150	do.	0 0 5	John Zevenboom & Co.
†2032. Brushes, Pan	"	20	do.	0 0 5½	Royal Victn. Inst. for the Blind
†2033. Brushes, Pot	"	10	do.	0 0 7½	
†2034. Brushes, Scouring	"	160	do.	0 1 1	John Zevenboom & Co.
†2035. Brushes, Scrubbing, Deck, coir	"	15	do.	0 1 9	Royal Victn. Inst. for the Blind
†2036. Brushes, Scrubbing, Hand	"	1,200	do.	0 0 8½	
†2037. Brushes, Scrubbing, Fibre	"	20	do.	0 1 7½	
†2038. Brushes, Sewer	"	90	do.	0 1 7	
†2039. Brushes, Spoke, Fibre	"	200	do.	0 1 6	
†2040. Brushes, Stencil, 1"	"	100	do.	0 0 11	John Zevenboom & Co.
†2041. Brushes, Stencil, 1½", Tarpaulin	"	30	do.	0 1 9	
†2042. Brushes, Swabs, Coir	"	100	do.	0 1 6	Royal Victn. Inst. for the Blind
†2043. Brushes, Tar, handled	"	500	do.	0 1 3	
†2044. Brushes, Tarpaulin, dressing	"	15	do.	0 1 8	
†2045. Brushes, Whitewash	"	350	do.	0 1 3	
†2046. Brushes, Wire 1½in. dia., for cleaning Boiler tubes	"	400	do.	0 1 2	John Zevenboom & Co.
†2047. Whisks, Hand	"	1,200	do.	0 0 10½	Excelsior Broom Coy.
Refilling Heads for Chimney Sweepers—					
†2048. With Whalebone	"	5	do.	0 10 0	Royal Victn. Inst. for the Blind
†2049. With Cane	"	5	do.	0 3 0	

PAINTERS' BRUSHES.

†2050. Brushes, 2/0	Aust.	300	each	0 4 9	John Zevenboom & Co.
Brushes, Varnish, Black Bristle, Bevelled Edge—					
†2055. ½" thick x 1" wide	"	100	do.	0 0 7½	John Zevenboom & Co.
†2056. 1" thick x 2" wide	"	300	do.	0 1 1	A. Alford.
†2057. ¾" thick x 1" wide	"	5	do.	0 0 8	
†2057A. ¾" thick x 2" wide	"	50	do.	0 1 7	John Zevenboom & Co.
Brushes, Varnish, White Bristle, Fitches, Tin Bound, flat or round, as ordered—					
†2059. ½"	"	80	do.	0 0 7½	John Zevenboom & Co.
†2060. ¾"	"	120	do.	0 0 11½	

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

SUNDEY BRUSHWARE—continued.

PAINTERS' BRUSHES—continued.

†2065. Brushes, Weatherboard, 4" "A3"	Aust.	800	each	0	5	6	} John Zevenboom & Co.
†2066. Tools, Sash, No. 1	"	250	do.	0	0	5	
†2068. Tools, Sash, No. 3	"	200	do.	0	0	7	} John Zevenboom & Co.
†2069. Tools, Sash, No. 4	"	100	do.	0	0	8½	
†2070. Tools, Sash, No. 5	"	300	do.	0	1	0	} John Zevenboom & Co.
†2072. Tools, Sash, No. 7	"	250	do.	0	1	7½	
†2074. Tools, Sash, No. 9	"	300	do.	0	2	6½	} John Zevenboom & Co.
†2075. Tools, Sash, No. 10	"	200	do.	0	3	3	

STEEL BRUSHES.

*2077. Brushes, Steel, flat	Aust.	250	each	0	2	0	} John Zevenboom & Co.
*2078. Brushes, Steel, flat, with handles 48" long	"	1,000	do.	0	3	0	
*2079. Brushes, Steel, Moulders'	"	20	do.	0	2	6	
*2080. Brushes, Steel, large	"	250	do.	0	3	1	
*2081. Brushes, Steel, round, 1½" diameter	"	200	do.	0	1	4	

CANDLES, MATCHES, SOAP, ETC.

†2082. Candles, Stearine, full weight or short chamber, as ordered, "Kitchens"	Aust.	12,000 lbs.	lb.	0	0	9	} J. Kitchen & Son, Pty. Ltd.
†2083. Glycerine	"	170 "	cwt.	7	2	0	
†2084. Matches, Wood Safety	"	1,100 gross boxes	gross of boxes.	..	..	..	Nil.
2085. Soap, Liquid Cleanser, in 4-gal. tins	Aust.	400 gals.	gallon	0	1	5	} Gibson & Son
†2086. Soap, "Monkey" Levers, in 5 oz. tablets	"	100 lbs.	tablet.	0	0	2½		} Briscoe & Co. Ltd.
†2087. Soap, Powdered, in ½-lb. or 1-lb. packets, as ordered	"	5,000 "	lb.	0	0	9	Arthur Tilley
†2088. Soap, Sand, in boxes of 72 bars	"	150 boxes	box	0	15	0	} J. Kitchen & Son, Pty. Ltd.
†2089. Soap, Soft in casks	"	650 cwt.	cwt.	1	18	0	
†2089A. " " in kero tins	"	650 cwt.	do.	1	19	0	} Arthur Tilley.
†2090. Soap, Toilet, in cakes	"	1,500 lbs.	lb.	0	0	9	
†2091. Soap, "Goldfinder" (in lieu of Velvet) in boxes of 112 lbs.	"	40 boxes	box	2	2	0	} J. Kitchen & Son, Pty. Ltd.
†2092. Soap, yellow, in bars, 32's	Aust.	400 cwt.	cwt.	1	4	0		} Safeguard Chemical Co. Pty. Ltd.
†2093. Soaperine	"	10 "	do.	..	..	..	Nil
†2094. Soda Crystals, washing	Aust.	300 "	do.	0	6	9	} Briscoe & Co. Ltd.
†2095. Tapers, Wax	"	300 lbs.	lb.	0	2	2	

BELTING, LEATHER, AND LEATHER GOODS.

The Butts supplied under Item 2107 shall be of uniform thickness and special quality, properly trimmed, and shall be free from fleshcuts, blemishes, and brands. The Butts shall be prepared with the constituents as in the sample, and shall be close in grain, very firm and capable of resisting an air pressure of not less than 60 lbs. per square inch. The leather shall not be too dry, as it has to be moulded into shape which bends the Butts at a right angle.

BELTING, LEATHER.

Single, hemp sewn—							
†2096. Up to 4" wide, as ordered	Aust.	2,500 sq.ft.	sq. ft.	0	3	9½	} Joshua Pitt Pty. Ltd.
†2097. 4½" to 6" wide, as ordered	"	250 "	do.	0	3	10½	
Single, thong sewn—							
†2098. Up to 4" wide, as ordered	"	300	do.	0	3	10½	} Joshua Pitt Pty. Ltd.
†2099. 4½" to 6" wide, as ordered	"	100	do.	0	3	11½	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
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BELTING, LEATHER, AND LEATHER GOODS—continued.

BELTING, LEATHER—continued.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
Double, thong sewn—					
†2100. Up to 4" wide, as ordered	Aust.	600 sq. ft.	sq. ft.	0 8 3½	Joshua Pitt Pty. Ltd.
†2101. 4½" to 6" wide, as ordered	"	600 "	do.	0 8 4	
†2102. 6½" to 8" wide, as ordered	"	300 "	do.	0 8 4½	
†2103. Belting Composition, "Dick's" Genuine Balata	Gt. Brit.	£500	..	40%	J. Hardie & Co. Pty. Ltd.

Percentage of Price List furnished by Contractor with his Tender, and current from time to time during the period of this Contract.

LEATHER.

†2104. Backs, White Hide, soft	Aust.	10 cwt.	cwt.	16 16 0	Joshua Pitt Pty. Ltd.
†2105. Basil, large size	"	3,000	each	0 1 10	
†2106. Bellows	"	100 cwt.	cwt.	10 10 0	Geo. Pizzey & Son Ltd.
†2107. Butts	"	20 "	do.	21 0 0	
†2108. Harness, Brown	"	15 "	do.	11 13 4	Joshua Pitt Pty. Ltd.
†2109. Harness, Black	"	5 "	do.	11 8 8	
†2110. Hides, Bull, prepared in Oil	"	2 "	do.	9 0 0	
†2111. Rein, Brown, stained	"	5 "	do.	14 0 0	
†2112. Sole, Trimmed	"	160 "	do.	10 19 4	

LEATHER GOODS.

*2113. Bags, Cash, large, plain	Aust.	100	each	0 2 8	Geo. Pizzey & Son Ltd.
*2114. Bags, Combined Pay and Cash	"	70	do.	..	
*2115. Bags, Cash, Hand, 16"	Aust.	15	do.	1 18 6	Joshua Pitt Pty. Ltd.
*2116. Bags, Tool	"	5	do.	1 10 0	
*2117. Bags, Motorman's Kit	"	5	do.	1 12 6	W. H. Hunter & Co.
*2117A. Bags, Guard's Kit	"	75	do.	1 13 6	
*2118. Bags, Weighbridge Ticket, lettered, as ordered -	"	10	do.	0 15 0	Joshua Pitt Pty. Ltd.
†2119. Cases, Attache, solid leather, 16" x 9", fitted with heavy handle plates, rings, and locks	"	40	do.	1 5 3	
2120. Clogs, Wooden, Kip, iron shod, sizes 5 to 10, as ordered	"	150 pairs	pair	..	Nil

INDIA-RUBBER GOODS AND PACKING, ETC.

SPECIFICATION—RUBBER HOSE.—ITEMS 2130 TO 2143.

All hose must be made of rubber and cotton fabric, each of the best of its kind, made for the purpose; no rubber substitutes or short fibre cotton to be used.

Hose must be soft and pliable, uniformly and smoothly finished.

All hose submitted under Items 2130 to 2143 shall meet the requirements specified hereunder:—

Item No.	Inside Diameter	O'side Diameter	Length.	Ply.	Bursting Pressure.
2130	½"	7"	60 feet	3	500
2132	¾"	8"	As ordered	3	400
2133	1"	9"	"	3	300
2134	1 1/8"	10"	"	3	300
2135	1 1/4"	11"	"	3	500
2137	1 1/2"	12"	"	4	550
2138	1 3/4"	13"	"	4	375
2139	2"	14"	"	4	300
2140	2 1/4"	15"	"	4	375
2141	2 1/2"	16"	40 feet	4	375
2142	3"	17"	As ordered	5	1,800

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

INDIA-RUBBER GOODS AND PACKING, ETC.—continued.

SPECIFICATION—I.R. SHEET.—ITEMS 2146 TO 2151.

Material.—All matting must be made of rubber and canvas, each of the best of its kind made for the purpose; no rubber substitutes to be used.

The matting must be soft and pliable, uniformly and smoothly finished.

The matting when tested shall comply with the following physical requirements:—

Tensile strength of Rubber Compound, not less than 275 lbs. per square inch.

Elongation of Rubber Compound, not less than 50 per cent. in 2 inches.

Tensile strength of Complete Matting, not less than 650 lbs. per square inch.

Allowable variation of thickness from that ordered—Under, nil; over, .035 inch.

NOTE.—Dunlop Rubber Co. of Aust. Ltd. will allow the Corporation any reduction in price that may occur during the currency of the contract.

†2121. Boots, Thigh, sizes 8, 9, or 10, as ordered	Aust.	60 pairs	pair	1 9 2	Dunlop Rubber Co of Aust. Ltd.
†2122. Bumpers, $\frac{5}{8}$ "	"	50 doz.	dozen	0 1 9	Barnet Glass Rubber Co. Ltd.
†2123. Bumpers, $\frac{3}{4}$ "	"	50 "	do.	0 1 11 $\frac{1}{2}$	Dunlop Rubber Co. of Aust. Ltd.
†2124. Buttons	"	10 "	do.	0 0 7 $\frac{1}{2}$	Barnet Glass Rubber Co. Ltd.
*2125. Gaskets, for 3" oval fittings, "Bellite"	Gt. Brit.	25,000	each	0 0 3 $\frac{3}{4}$	Bell's Asbestos Aust. Agency Ltd.
*2126. Gaskets, for 4" oval fittings, No. 90	"	200	do.	0 0 5	
*2127. Gaskets, manhole, inside 14" x 11", outside 16 $\frac{1}{2}$ " x 13 $\frac{1}{2}$ "	"	50	do.	0 2 6	
*2128. Gaskets, square, for superheaters, Babcock and Wilcox boilers, No. 92 "Bellite," header joints	"	200	do.	0 0 5	Dunlop Rubber Co. of Aust. Ltd.
2129. Gloves, sizes 6, 7, 8, 9, or 10, as ordered	Aust.	50 pairs	pair	0 5 6 $\frac{1}{2}$	
Hose, India-rubber, vulcanized—					
†2131. 3-ply, $\frac{3}{4}$ " diameter, Armoured	"	2,000 feet	foot	0 0 8 $\frac{1}{2}$	Barnet Rubber Co. Ltd.
†2132. 3-ply, $\frac{3}{4}$ " diameter, ordinary quality	"	200 "	do.	0 0 5 $\frac{1}{2}$	
†2133. 3-ply, $\frac{3}{4}$ " diameter, ordinary quality	"	4,000 "	do.	0 0 8	
*2136. 4-ply, $\frac{5}{8}$ " diameter, Armoured, for Pintsch Gas, in 40' lengths	"	30 lengths	length	..	Nil
†2137. 4-ply, $\frac{3}{4}$ " diameter, special quality No. 2	Aust.	250 feet	foot	0 0 11	Dunlop Rubber Co of Aust. Ltd.
†2138. 4-ply, 2" diameter	"	200 "	do.	0 2 3	Barnet Rubber Co. Ltd.
†2139. 4-ply, 2 $\frac{1}{2}$ " diameter	"	5,000 "	do.	0 2 9	
†2140. 4-ply, 2" diameter, Armoured outside, No. 2	"	4,000 "	do.	0 3 2	Dunlop Rubber Co of Aust. Ltd.
†2144. India-rubber, Sheet Vulcanized, with canvas insertion, any sizes and thicknesses ordered	"	4,000 lbs.	lb.	0 0 10	Barnet Glass Rubber Co. Ltd.
†2145. India-rubber, Sheet, Red, any sizes and thicknesses ordered	Aust.	2,500 "	do.	0 2 2	Barnet Glass Rubber Co. Ltd.
India-rubber Sheet, chocolate red, backed, floor covering—					
2146. $\frac{1}{8}$ " thick x 22 $\frac{1}{2}$ " wide	"	400 lin. yds.	lin. yd.	0 6 9	Dunlop Rubber Co. of Aust. Ltd.
2147. $\frac{1}{8}$ " thick x 26 $\frac{1}{2}$ " wide	"	500 "	"	0 8 1	
2148. $\frac{1}{8}$ " thick x 30" wide	"	600 "	"	0 9 3	
2149. $\frac{1}{8}$ " thick x 36" wide	"	300 "	"	0 11 1	
2150. $\frac{1}{8}$ " thick x 48" wide	"	200 "	"	0 14 9	
2151. $\frac{1}{8}$ " thick x 72" wide	"	500 "	"	1 2 2	
†2152. Stops, Door	Aust.	5 doz.	dozen	0 1 6	Barnet Glass Rubber Co. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
INDIA-RUBBER GOODS AND PACKING, ETC.—continued.					
†2152A. Solution, I.R., in Kero. tins	Aust.	300 lbs.	lb.	*0 1 0.	Dunlop Rubber Co. of Aust. Ltd.
†2153. Tips, Chair	"	5 doz.	dozen	0 1 0	
†2154. Tips, Finger	"	200 "	do.	0 0 6	
†2155. Tubing, $\frac{3}{8}$ " diameter	"	250 feet	foot	..	Barnet Glass Rubber Co. Ltd.
†2156. Tubing, $\frac{1}{2}$ " diameter	"	50 "	do.	..	
†2157. Washers, for Gauge Glasses, flat or round, as ordered, any sizes ordered	Aust.	1 gross	gross	0 6 4	Dunlop Rubber Co. of Aust. Ltd.
†2158. Washers, with Insertion, any sizes ordered	"	40 "	do.	0 13 9	
†2159. Washers, for Royle's Unions, any sizes ordered	"	5 doz.	dozen	0 1 4	Barnet Glass Rubber Co. Ltd.
*2160. Washers, I.R. Hose, Westinghouse Brake, $\frac{3}{4}$ " or $1\frac{1}{4}$ ", as ordered	"	200 gross	gross	0 14 6	
†2160A. Rollers, Feed, for Edison Mimeograph	"	300 No.	each	0 0 4	
PACKING, ETC.					
†2161. Cloth, Asbestos	"	50 yds.	yd.	..	Nil
†2162. Packing, Asbestos, any sizes ordered, (Bell's round plaited yarn)	Gt. Brit.	112 lbs.	lb.	0 2 5	Bell's Asbestos Aust. Agency Ltd.
†2163. Packing, Asbestos, Cord	"	500 "	do.	0 1 10 $\frac{1}{2}$	
†2164. Packing, Asbestos, Millboard, any thicknesses ordered	"	4,000 "	do.	0 0 4 $\frac{1}{2}$	McPherson's Pty. Ltd.
†2165. Packing, Patent, up to $\frac{1}{8}$ " thick, as ordered, "Turner Bros."	"	20,000 "	do.	0 1 10 $\frac{1}{2}$	Alfred Adams E. S. Co. Pty. Ltd.
†2166. Packing, Round, $\frac{3}{8}$ " or $\frac{1}{2}$ " as ordered	"	1 cwt.	cwt.	..	Barnet Glass Rubber Co. Ltd.
†2167. Packing, Round, $\frac{3}{4}$ " or $\frac{5}{8}$ ", as ordered	"	100 lbs.	lb.	..	
†2168. Packing, Square, any sizes ordered	Aust.	80 cwt.	cwt.	10 10 0	Nil

* Plus 6d. each for tins.

TIMBER, DOORS, ETC.

TIMBER.

The Contractor shall, in respect of each delivery of the Timber, give to the Chief Storekeeper reasonable notice so that the inspection of the Timber may be arranged for.

Excepting as provided for hereunder, the Timber, other than that required for use at Newport, will be inspected at any railway station at which such Timber shall have been delivered as provided for in clause 8 of the annexed Conditions of Contract, and will be liable to rejection at such railway station in manner provided in clause 12 of the said Conditions of Contract.

No timber required for use at Newport will be inspected until it shall have been received at Newport, and it will then be liable to rejection at Newport in manner provided in clause 12 of the said Conditions of Contract.

Notwithstanding anything to the contrary contained in the said clause 12, the Contractor will not be required in respect of any Timber so rejected at Newport to pay carriage on the same to Newport from the railway station at which such Timber so rejected shall have been delivered as aforesaid. In the event of the Contractor requiring such rejected Timber to be carried by rail from Newport to the railway station at which the same was delivered as aforesaid or to any other railway station or siding, full railway freight will be charged therefor.

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

The Contractor shall have the Timber ordered ready for inspection within 48 hours after service of the order upon the Contractor, or within such other time as the Chief Storekeeper may fix in writing as fair and reasonable, and the Contractor shall at his own cost have the Timber turned over and properly exhibited to the Receiving Officer so that he may inspect the same to his complete satisfaction.

The Timber shall be supplied in such sections and shapes as may be ordered, and shall be of the first quality, thoroughly seasoned, free from knots, shakes, heart, sap, and all other imperfections, thoroughly sound, and close grained or free, as may be required.

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

TIMBER, DOORS, ETC.—continued.

TIMBER—continued.

No allowance will be made for waste in sawing the Timber to taper or other peculiar sections or shapes. Timber supplied for use at the Newport Locomotive Workshops shall be delivered in such lengths as may be ordered, or in such lengths as will cut thereto without waste.

Timber supplied for use elsewhere than at the Newport Locomotive Workshops, if ordered for stock, will, subject to the Conditions of Contract, be accepted in lengths approximate to those ordered, and if ordered for use in any particular work, then, in the event of any lengths longer than those ordered being delivered and accepted, only the actual lengths as ordered will be paid for, and, in the event of any lengths shorter than those ordered being delivered, they will only be accepted if such shorter lengths are suitable for the particular work, such shorter lengths to be then paid for on the basis of their lengths, excluding fractions of a foot.

Timber, &c., ordered under this Schedule from Metropolitan yards or ex wharf for Depot at Laurens-street shall be delivered by road at Contractor's expense, and will not be inspected until received at that Depot.

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

The Contractor will not be required to load the Timber into railway trucks.

Each board supplied under Items 2256-8 and 2261 shall bear the stamp of the saw-mill at which it is sawn.

TABLE LEGS, DOORS, ETC.

The Contractor shall, in respect of each delivery of the Doors and Mouldings, give to the Chief Storekeeper reasonable notice, so that the inspection of the Doors and Mouldings may be arranged for.

The Doors and Mouldings will be inspected at any railway station at which they shall have been delivered, as provided for in clause 8 of the annexed Conditions of Contract, and will be liable to rejection at such railway station in manner provided in clause 12 of the said Conditions of Contract.

The Timber contained in the Stores shall be of the first quality, thoroughly seasoned, free from knots, shakes, heart, sap, and all other imperfections.

As regards Items 2259, 2260 and 2285—delivery will be given loaded into trucks at Tocumwal Railway Station.

Item No. and Description.	Country	Sup. ft. on face.		Rate.	Name of Contractor.
		100 ft. super. on face.	100 ft. super. on 1" thick.		
2169. Hoop Pine, ½" thick, 12" and up to 18" wide, up to 20' in length	Aust.	500	do.	2 9 6	H. Beecham & Co. Pty. Ltd.
2170. Californian Pine, ½" thick, 12" and up to 18" wide, up to 20' in length	U.S.A.	12,000	do.	2 0 0	J. Sharp & Sons Ltd.
2171. Hoop Pine, ¾" thick, 12" and up to 18" wide, up to 20' in length	Aust.	500	do.	2 18 6	H. Beecham & Co. Pty. Ltd.
2172. Californian Pine, ¾" thick, 12" and up to 18" wide, up to 20' in length	U.S.A.	3,000	do.	2 14 6	J. Sharp & Sons Ltd.
2173. Hoop Pine, 1" thick, 12" and up to 18" wide, up to 20' in length	Aust.	Sup. ft. of 1" thick.	100 super. ft. on 1" thick.	3 15 0	H. Beecham & Co. Pty. Ltd.
2174. Californian Pine, 1" thick, 12" and up to 18" wide, up to 20' in length	U.S.A.	22,000	do.	2 18 0	J. Sharp & Sons Ltd.
2175. Kauri, 1" thick, 12" and up to 18" wide, up to 20' in length	Aust.	3,000	do.	4 10 0	J. Moore & Sons Pty. Ltd.
2176. Huon Pine, 1" thick, 12" and up to 18" wide, up to 20' in length	"	2,500	do.	4 10 0	J. Sharp & Sons Ltd.
2177. Hoop Pine, 1¼" thick, 12" and up to 18" wide, up to 20' in length	"	5,000	do.	3 15 0	H. Beecham & Co. Pty. Ltd.
2178. Californian Pine, 1¼" thick, 12" and up to 18" wide, up to 20' in length	U.S.A.	10,000	do.	2 18 0	J. Sharp & Sons Ltd.
2179. Huon Pine, 1¼" thick, 12" and up to 18" wide, up to 20' in length	Aust.	2,500	do.	4 10 0	J. Sharp & Sons Ltd.
2180. Hoop Pine, 1½" thick, 12" and up to 18" wide, up to 20' in length	"	16,000	do.	3 15 0	H. Beecham & Co. Pty. Ltd.
2181. Californian Pine, 1½" thick, 12" and up to 18" wide, up to 20' in length	U.S.A.	20,000	do.	2 18 0	J. Sharp & Sons Ltd.
2182. Kauri, 1½" thick, 12" and up to 18" wide, up to 20' in length	Aust.	8,000	do.	4 10 0	J. Moore & Sons Pty. Ltd.
2183. Huon Pine, 1½" thick, 12" and up to 18" wide, up to 20' in length	"	4,000	do.	4 10 0	J. Sharp & Sons Pty. Ltd.
2184. Hoop Pine, 2" thick, 12" and up to 18" wide, up to 20' in length	Aust.	5,000	do.	3 15 0	H. Beecham & Co. Pty. Ltd.
2185. Californian Pine, 2" thick, 12" and up to 18" wide, up to 20' in length	U.S.A.	8,000	do.	2 18 0	J. Sharp & Sons Ltd.
2186. Kauri, 2" thick, 12" and up to 18" wide, up to 20' in length	Aust.	2,500	do.	4 10 0	J. Moore & Sons Pty. Ltd.

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

TIMBER, DOORS, ETC.—continued.

Item No. and Description.	Country of Manufacture.	Sup. ft. of 1" thick.	100 ft. super of 1" thick.	Rate.	Name of Contractor.
2187. Huon Pine, 2" thick, 12" and up to 18" wide, up to 20' in length	Aust.	2,000	do.	4 10 0	J. Sharp & Sons Ltd.
2188. Hoop Pine, 3" thick, 12" and up to 18" wide, up to 20' in length	"	2,000	do.	3 15 0	H. Beecham & Co. Pty. Ltd.
2189. Kauri, 3" thick, 12" and up to 18" wide, up to 20' in length	"	1,500	do.	4 10 0	J. Moore & Sons Pty. Ltd.
2190. Hoop Pine, 4" thick, 12" and up to 18" wide, up to 20' in length	"	750	do.	3 15 0	H. Beecham & Co. Pty. Ltd.
2191. Kauri, 4" thick, 12" and up to 18" wide, up to 20' in length	"	1,500	do.	4 10 0	J. Moore & Sons Pty. Ltd.
2192. Hoop Pine, 2½" thick, up to 11" wide, in lengths 10' and up	"		do.	3 10 0	H. Beecham & Co. Pty. Ltd.
2193. Kauri, 2½" thick, up to 11" wide, in lengths 10' and up	"		do.	4 15 0	J. Moore & Sons Pty. Ltd.
2194. Huon Pine, 2½" thick, up to 11" wide, in lengths 10' and up	"		do.	4 10 0	J. Sharp & Sons Ltd.
2195. Hoop Pine, 3" thick, up to 11" wide, in lengths 10' and up	"	10,000	do.	3 10 0	H. Beecham & Co. Pty. Ltd.
2196. Kauri, 3" thick, up to 11" wide, in lengths 10' and up	"		do.	4 11 0	J. Moore & Sons Pty. Ltd.
2197. Huon Pine, 3" thick, up to 11" wide, in lengths 10' and up	"		do.	4 12 6	J. Sharp & Sons Ltd.
2198. Hoop Pine, 4" thick, up to 11" wide, in lengths 10' and up	"		do.	3 10 0	H. Beecham & Co. Pty. Ltd.
2199. Kauri, 4" thick, up to 11" wide, in lengths 10' and up	"		do.	4 16 0	J. Moore & Sons Pty. Ltd.
2200. Kauri, 1" to 4" thick, over 18" to 24" wide, up to 20' long	"	6,000	do.	8 10 0	
Californian Pine—					
2201. 3" thick, 12" to 18" wide, in lengths up to 20'	U.S.A.	2,500	do.	2 19 0	J. Sharp & Sons Ltd.
2202. 4" thick, 12" to 18" wide, in lengths up to 20'	"	500	do.	2 19 0	
Maple, Queensland—					
2203. ½" thick, 12" to 18" wide, in lengths up to 20'	Aust.	1,000	100 sup. ft. on face.	3 8 6	H. Beecham & Co. Pty. Ltd.
2204. 1" thick, 12" to 18" wide, in lengths up to 20'	"	10,500	100 sup. ft. of 1" thick.	4 7 6	
2205. 1½" thick, 12" to 18" wide, in lengths up to 20'	"	4,500	do.	4 7 6	
2206. 1½" thick, 12" to 18" wide, in lengths up to 20'	"	6,000	do.	4 7 6	
2207. 2" thick, 12" to 18" wide, in lengths up to 20'	"	1,000	do.	4 7 6	
2208. 3" thick, 12" to 18" wide, in lengths up to 20'	"	1,000	do.	4 7 6	
2209. 4" thick, 12" to 18" wide, in lengths up to 20'	"	1,500	do.	4 7 6	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s d.	
TIMBER, DOORS, ETC.—continued.					
Mountain Ash or Tasmanian Oak (thoroughly seasoned), cut on the quarter—					
2210.	Aust.	Sup. ft. on face. 1,000	100 sup. ft. on face.	7 0 0	J. Sharp & Sons Ltd.
2211.	"	Sup. ft. of 1" thick. 6,000	100 ft. sup. of 1" thick.	3 7 6	
2212.	"	9,000	do.	3 10 0	
2213.	"	8,000	do.	3 11 6	
2214.	"	2,000	do.	3 12 6	
2215.	"	1,000	do.	6 15 0	
2216.	"	1,000	do.	6 15 0	
Oregon up to 32' in length—					
2217.	U.S.A.	100,000	do.	1 9 6	H. Beecham & Co. Pty. Ltd.
2218.	"	110,000	do.	2 4 6	
2219.	"	120,000	do.	1 11 6	
2220.	"	200,000	do.	2 4 6	
2221.	"	20,000	do.	1 9 6	
2222.	"	10,000	do.	1 11 6	
2223.	"	10,000	do.	1 12 6	J. Moore & Sons Pty. Ltd.
2224.	"	10,000	do.	1 14 6	
2225.	"	20,000	do.	1 17 0	
Oregon, over 32' and up to 40' in length—					
2226.	"	10,000	do.	1 9 6	H. Beecham & Co. Pty. Ltd.
2227.	"	10,000	do.	1 11 6	
2228.	"	15,000	do.	1 18 0	
Oregon, over 40' and up to 50' in length—					
2229.	"	10,000	do.	2 9 6	J. Moore & Sons Pty. Ltd.
2230.	"	10,000	do.	2 9 6	
2231.	"	40,000	do.	2 12 0	
Deal, Red Baltic—					
2232.	Scand.		do.	2 12 6	
2233.	"	15,000	do.	2 12 6	
2234.	"		do.	2 17 6	
2235.	Aust.	Sup. ft. on face.	100 super. feet on face.	3 15 0	H. Beecham & Co. Pty. Ltd.
2236.	U.S.A.	5,000	do.	3 15 0	
2237.	Aust.		do.	3 15 0	
2238.	U.S.A.		do.	3 15 0	
2239.	Aust.	Sup. ft. of 1" thick.	100 ft. sup. of 1" thick.	4 12 6	
2240.	U.S.A.	6,000	do.	4 12 6	
2241.	Aust.	Sup. ft. on face. Included in next item.	100 super ft. on face.	4 0 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
TIMBER, DOORS, ETC.—continued.					
2242. Shelving, Yellow Pine, $\frac{3}{4}$ " thick, over 12" and up to 18" wide, 12' and up to 16' in length	U.S.A.		100 sup. feet on face	3 15 0	H. Beecham & Co. Pty. Ltd.
2243. " Hoop Pine, $\frac{3}{4}$ " thick, over 12" and up to 18" wide, 12' and up to 20' in length	Aust.	6,000	do.	4 0 0	
2244. " Yellow Pine, $\frac{3}{4}$ " thick, over 12" and up to 18" wide, 12' and up to 16' in length	U.S.A.		do.	3 15 0	
2245. " Hoop Pine, 1" thick, over 12" and up to 18" wide, 12' and up to 20' in length	Aust.		do.	4 17 6	
2246. " Yellow Pine, 1" thick, over 12" and up to 18" wide, 12' and up to 16' in length	U.S.A.	10,000	100 ft. sup. of 1" thick.	4 12 6	J. Moore & Sons Pty. Ltd.
2247. Wrought, Hoop Pine, T. and G. or rebated and V-jointed or beaded jointed, as ordered, $4" \times \frac{5}{8}"$, in lengths 10' and over	Aust.	20,000	100 ft. run.	1 3 6	
2248. " Red Deal, Baltic, T. and G. or rebated and V-jointed or beaded, as ordered, $4" \times \frac{5}{8}"$, in lengths 10' and over	Scand.	20,000	do.	0 9 2	J. Sharp & Sons Ltd.
2249. Wrought, Red Deal, Baltic, T. and G. or rebated and V-jointed or beaded jointed, as ordered, $6" \times \frac{5}{8}"$, in lengths 10' and over	"	30,000	100 ft. run.	0 14 9	
2250. Wrought, Red Deal, Baltic, T. and G. or rebated and V-jointed or beaded jointed, as ordered, $6" \times \frac{5}{8}"$, in lengths 10' and over	"	500,000	do.	0 12 11	H. Beecham & Co. Pty. Ltd.
2251. Wrought, T. and G., Red Deal, Baltic, $6" \times \frac{3}{4}"$, in lengths 10' and over	"	250,000	do.	0 19 0	
2252. Wrought, T. and G., Red Deal, Baltic, $6" \times \frac{3}{4}"$, in lengths 10' and over	"	70,000	do.	0 16 5	J. Sharp & Sons Ltd.
2253. Wrought, T. and G., Red Deal, Baltic, $4" \times \frac{3}{4}"$, in lengths 10' and over	"	50,000	do.	0 13 0	H. Beecham & Co. Pty. Ltd.
2254. Wrought, T. and G., Red Deal, Baltic, $6" \times 1\frac{1}{4}"$, in lengths 10' and over	"	80,000	do.	1 5 11	J. Sharp & Sons Ltd.
2255. Weatherboards, Dressed Red Deal Baltic, $7" \times \frac{3}{4}"$, in random lengths over 10'	"	150,000	do.	0 13 9	H. Beecham & Co. Pty. Ltd.
2256. Stringybark, $3\frac{1}{2}" \times \frac{1}{2}"$, T. & G., or rebated, dressed and V-jointed, in random lengths over 10', "Crown" or "Standard" brands (Tasmanian)	Aust.		run. feet	0 13 3	V. B. Trapp & Co.
†2256A. Stringybark, $3\frac{1}{2}" \times \frac{1}{2}"$, T. & G., or rebated dressed and V-jointed, in random lengths over 10', (Tasmanian) "H.B.C. Star" brand	"	500,000	do.	0 13 0	H. Beecham & Co. Pty. Ltd.
2257. Stringy Bark (Tasmanian), $4\frac{1}{2}" \times \frac{3}{4}"$, T. and G. dressed, in random lengths over 10', "Crown" or "Standard" brands	"	200,000	do.	1 0 0	
2258. Myrtle, $4" \times \frac{3}{4}"$, T. and G. dressed, in random lengths over 10'	"		do.	..	Nil
2261. Stringy Bark, Weatherboards, produced out 7" timber and finished $6\frac{1}{2}"$ and upwards, in random lengths over 10', "Crown" or "Standard" brands (Tasmanian)	"	500,000	do.	1 2 6	V. B. Trapp & Co.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.	
				£ s. d.		
TIMBER, DOORS, ETC.—continued.						
2262. Laths, Plasterers', Wall 4' 6" long, Oregon	U.S.A.	500 bbls.	bundle of 90 laths.	0 6 0	H. Beecham & Co. Pty. Ltd.	
2263. Laths, Plasterers', Ceiling 4' 6" long, Oregon	"	150 "	bundle of 90 laths.	0 5 6		
DOORS, MOULDINGS, ETC.						
Doors, Framed, B. and B., flush moulded on one side, Red Deal or Hoop Pine—						
2264. 6' 8" x 2' 8" x 1 3/4"	Aust.	No. 10	each	2 4 10	J. Moore & Sons Pty. Ltd.	
2265. 6' 10" x 2' 10" x 1 3/4"	"	10	do.	2 6 2		
Doors, Framed, double moulded, Yellow Pine, or Hoop Pine—						
2266. 6' 6" x 2' 6" x 1 1/2" (inside doors) ..	Aust.	No. 10	each	1 13 7	J. Moore & Sons Pty. Ltd.	
2267. 6' 8" x 2' 8" x 1 1/2" (inside doors) ..	"	5	do.	1 14 4		
2268. 6' 10" x 2' 10" x 1 1/2" (inside doors) ..	"	5	do.	1 16 8		
2269. 6' 8" x 2' 8" x 1 3/4" (inside doors) ..	"	5	do.	2 2 8		
2270. 6' 10" x 2' 10" x 1 3/4" (inside doors) ..	"	5	do.	2 4 1		
2271. 7' x 3' x 1 3/4" (inside doors)	"	5	do.	2 9 8		
2272. Legs, Table, Turned, seasoned Kauri or Hoop Pine, 4" x 4"	"	20	do.	..	Nil.	
MOULDINGS.—RED PINE.						
2273. Architrave, D. or S., B.N., 7/8" thick, 3" wide	Aust.	1,000	100 ft. run.	1 5 6	J. Sharp & Sons Ltd.	
2273A. " " " " 4" wide	"		run.	do.		1 11 3
2273B. " " " " 5" wide	"		feet	do.		1 19 0
2273c. " " " " 6" wide	"		do.	do.		2 6 3
2274. Insertion, 1" wide	"	250 "	do.	0 5 9		
2275. Insertion, 1 1/4" wide	"	1,000 "	do.	0 8 9		
2276. Insertion, 1 1/2" wide	"	250 "	do.	0 10 3		
2277. O.G., 2 1/2" x 7/8"	"	250 "	do.	0 16 7		
2278. O.G., 3" x 7/8"	"	250 "	do.	0 19 5		
2279. Scotia, 1" to 1" wide, as ordered	"	10,000 "	do.	0 7 9		
2280. Scotia, 1 1/2" to 1 1/2" wide, as ordered	"	20,000 "	do.	0 11 9		
2281. Scotia, 2" wide	"	5,000 "	do.	1 1 9		
2282. Scotia, 2 1/4" to 3" wide, as ordered	"	250 "	do.	2 5 0		
2283. Skirting, 7" x 7/8", B.N.	"	5,000 "	do.	2 9 6		
2284. Skirting, 9" x 7/8", B.N.	"	250 "	do.	3 8 0		
Mouldings, Murray Pine—						
2286. 1 1/2", 2 grooves	"	4,000 "	do.	0 10 9	J. Sharp & Sons Ltd.	
2287. 2 1/4", 2 grooves	"	500 "	do.	0 12 9		
2288. Hoop Pine, 3-ply, sanded one side, 6' x 3' x 1/16" thick	"	250 sheets	100 sq. ft.	1 2 6	Gunnerson Nos-worthy Pty. Ltd.	
2289. Hoop Pine, 3-ply, sanded one side, 6' x 3' x 1/4" thick	"	500 "	do.	1 12 6	A. Sturrock & Sons Pty. Ltd.	
2290. Hoop Pine, 3-ply, sanded one side, 6' x 3' x 1/16" thick	"	400 "	do.	2 0 0		
2291. Mountain Ash, 3-ply, sanded one side, 6' x 3' x 1/16" thick	"	300 "	do.	3 15 0	J. Sharp & Sons Ltd.	
2292 to 2338. Nil						

ASBESTOS CEMENT AND FIBRE PLASTER SHEETS.

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

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

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

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

All edges shall be cleanly cut.

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

ASBESTOS CEMENT AND FIBRE PLASTER SHEETS—continued.

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

The Sheets under Items Nos. 2340A to 2340G to be properly packed in approved crates for transport by rail. The cost of such crates is included in the rates.

The ironwork on crates will be returned by the Department at Spencer-street at an allowance of £4 per set. No wood work is required to be returned with the exception of that attached to any ironwork.

* As regards Item No. 2339—If less than 80 sheets be ordered, 3d. per sq. yard extra for crating shall be charged.

The trade sizes referred to under Item 2339 are as follow :—

4 ft., 5ft., 6ft., 7ft., 8ft., 9ft., 10ft., x 4ft. wide.

5ft., 6ft., 7ft., 8ft., 9ft., 10ft. x 3ft. wide.

The Trade Sizes referred to under Item 2340 are as follow :—

3ft., 3ft. 6in., 4ft., 4ft. 6in. wide x 3ft. to 9ft. long.

Name of Manufacturer under Item 2340—Stucoid Plastic Art Co.

Name of Manufacturer under Items 2339 and 2340A to 2340G—Asbestos Slate and Sheet Co. Ltd.

†2339. Asbestos Cement Sheets, plain, $\frac{3}{16}$ " thick, in trade sizes shown above	Aust.	8000 sq.yds	sq. yd.	*0 2 7 $\frac{1}{2}$	J. Hardie & Co. Pty. Ltd.
†2340. Fibre Plaster Sheets, $\frac{1}{4}$ " thick, in trade sizes shown above.. .. .	"	4,000 "	do.	0 2 3	Stucoid Plastic Art Co.
Asbestos Cement Corrugated Sheets, $\frac{3}{16}$ " thick x 2' 7 $\frac{1}{2}$ " wide. Corrugations to be $\frac{11}{16}$ " deep x 3" pitch—					
2340A. 4' long	Aust.	} 2,500 sheets	each	0 5 1	} J. Hardie & Co. Pty. Ltd.
2340B. 5' long	"		do.	0 6 5	
2340C. 6' long	"		do.	0 7 9	
2340D. 7' long	"		do.	0 8 9	
2340E. 8' long	"		do.	0 10 6	
2340F. 9' long	"		do.	0 11 3	
2340G. 10' long	"		do.	0 12 9	
2340H. Washers, Concave, Lead, for securing Asbestos Cement Corrugated Roofing ..	"	200 gross	gross	0 1 2	
2340I. Washers, Rexilite (or other similar material) for securing Asbestos Cement Corrugated Roofing	"	200 "	do.	0 1 3	

ROOFING FELT, ETC.

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

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

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

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

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

The weight of the Asphalt Saturated Felt shall be not less than two and one-half (2 $\frac{1}{2}$)-ozs. 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.

†2341. Roofing Felt, bituminous sheeting, 3-ply, 36" wide, in rolls of approx. 72' with tacks and cement for fixing "Certainteed" .. .	U.S.A.	60 rolls	roll	2 0 0	} J. Danks & Son Pty. Ltd.
†2342. Asphalt, saturated, felt, in rolls of 540 sq. ft.	"	100 "	do.	0 16 0	
†2343. Pitch, Roofing, in barrels	"	100 cwt.	cwt.	0 15 0	E. L. Yencken & Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
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LIME AND LIMESTONE, ETC.

"Kawa" Lime is not to be used for white plaster work.
 The Lime is to be fresh and properly burnt, and of approved quality, and delivered in bags of the lengths and breadths stated, 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.
 As regards items No. 2345A, and 2346A—Freight is to be taken into consideration when placing orders.

†2344. Hair, Plasterers		5 cwt.	cwt.	..	Nil
†2345. Lime	Aust.	} 2,000 bag	Bag	—	—
†2345A. Lime, "Kawa," in standard bags, delivered into trucks at Spencer-street	"		do.	0 5 0	Alkemade Bros.
†2345B. Lime, for white plaster work, in bags 42" x 24", delivered into trucks at Spencer-street	"		do.	0 5 6	Waratah Lime & Cement Co.
†2346. Lime, for Pintsch gas purification	"		do.	—	—
†2346A. Lime, for Pintsch gas purification, "Kawa" in standard bags, delivered in trucks at Spencer-street	"	} 400 "	do.	0 5 0	Alkemade Bros.
†2347. Limestone, Marble, pure, delivered in truck loads at Cave Hill Siding, Lilydale	"	} 100 tons	ton	0 18 6	David Mitchell Estate
†2348. Limestone (Lara) delivered into trucks at Lara	"		do.	0 14 0	Lara Lime Co.

SLATES.

†2349. Slates, Roofing, 24" x 12"	6,000	100	..	} Nil
†2350. Slates, Roofing, 20" x 10"	14,000	do.	..	

DRAIN AND REINFORCED CONCRETE PIPES, ETC.

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

STONEWARE PIPES (Items 2351 to 2389).

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 of 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. Each pipe shall be made to the exact forms, angles and dimensions ordered. The pipes shall have their spigot and socket ends accurately formed at right angles to the direction of the bore, which shall be of uniform circular section throughout. All pipes shall have an effective length of two (2) feet or not more than three (3) feet unless otherwise ordered. All pipes may be tested by the Chief Storekeeper 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 (B) will require to be tested by the Bendigo Board of Works, and must bear that Board's test mark before delivery.

ORDINARY CONCRETE PIPES (Items 2390 to 2396).

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 exact forms and dimensions ordered. The pipes shall be exactly cylindrical, and the ends truly planed 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 outside with the manufacturer's name, brand, and date of manufacture. All pipes may be tested by the Chief Storekeeper 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 shall bear the Board's test mark before delivery.

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

DRAIN PIPES, ETC.—continued.

REINFORCED CONCRETE PIPES (Items 2397 to 2432).

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 lbs. 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 Chief Storekeeper.

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 sand, bluestone or other approved stone screenings and toppings and Portland cement, in the proportion of three (3) stone, one (1) sand and one (1) cement. The sand and stone shall be of approved quality and the cement of approved brand, and shall pass the Railway Department's test.

All pipes shall be reinforced on a basis of 5 per cent, according to the weight of the pipe. Wire in the reinforcements shall vary from 12 gauge up to 6 gauge, including twelve longitudinal straight wires, spiral winds shall vary from 3 inches to 1 inch, according to diameter of pipe. The Contractor shall submit with his tender detail diagrams and specifications, describing fully the method of manufacture, dimensions, thickness, whether with socket or plain ends, and type of reinforcement.

A mixture of 2 : 2 : 1 : will be permitted, provided test strength of Pipe is not affected.

Provided the percentage weight of steel to concrete be observed and the Pipes stand the test, the spiral wind may be from 4" to 6" pitch.

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 stations named, such loading, &c., to be to the satisfaction of the Supervising Officer.

AGRICULTURAL DRAIN PIPES.

The Agricultural Tile Pipes (Items 2433 and 2434) shall be of approved manufacture, well burnt, straight, of uniform section, and shall measure 12 inches in length.

As regards Items 2351 to 2389, 2433 and 2434—The Pipes, &c, shall be delivered properly loaded into and stacked in railway trucks by and at the cost of the Contractor, at South Brunswick or Ballarat Railway Station as may be required, and be consigned thence as ordered.

As regards Items 2351A to 2389A—The Pipes shall be delivered properly loaded into and stacked in railway trucks by and at the cost of the Contractor at Epsom Railway Station.

As regards Items 2390 to 2395 and 2415 to 2432—The Pipes shall be delivered properly loaded into and stacked in railway trucks by and at the cost of the Contractor, at Newmarket Railway Station and be consigned thence as ordered.

As regards Items 2392A to 2405—The pipes shall be delivered properly loaded into and stacked in railway trucks by and at the cost of the Contractor, at Graham Railway Station, and be consigned thence as ordered.

As regards Items 2433A and 2434A—The Pipes shall be delivered properly loaded into and stacked in railway trucks by and at the cost of the Contractor, at Castlemaine Railway Station, and be consigned thence as ordered. The rate is based on truck lots from 2,000 to 2,300 pipes. Pipes can be supplied in terra cotta or hard burnt.

Two tenders have been accepted for Salt Glazed Vitrified Stoneware and orders should be placed under the more advantageous contract, and it should be noted that for sewerage work in the Metropolitan and Bendigo Districts orders should only be placed under the contract for material which provides for tests by the respective controlling Boards for such district.

Drain Pipes—Salt Glazed Vitrified Stoneware—								
2351.	3"	..	..	Aust.	} 300 feet	foot	0 0 8	Hoffman Brick & Potteries Ltd.
2351A.	3"	..	..	"		do.	0 0 6	G. D. Guthrie & Co. Pty. Ltd.
2352.	4"	..	..	"	} 15,000 "	do.	0 0 8	Hoffman Brick & Potteries Ltd.
2352A.	4"	..	..	"		do.	0 0 7	G. D. Guthrie & Co. Pty. Ltd.
2353.	(M) 4"	..	..	"	} 3,000 "	do.	0 1 0	Hoffman Brick & Potteries Ltd.
2353A.	(B) 4"	..	..	"		do.	0 0 9½	G. D. Guthrie & Co. Pty. Ltd.
2354.	6"	..	..	"	} 6,000 "	do.	0 1 1	Hoffman Brick & Potteries Ltd.
2354A.	6"	..	..	"		do.	0 0 11	G. D. Guthrie & Co. Pty. Ltd.
2355.	(M) 6"	..	..	"	} 500 "	do.	0 2 0	Hoffman Brick & Potteries Ltd.
2355A.	(B) 6"	..	..	"		do.	0 1 2½	G. D. Guthrie & Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
<i>DRAIN PIPES, ETC.—continued.</i>					
<i>Drain Pipes—Salt Glazed Vitrified Stoneware</i>					
<i>—continued.</i>					
2356. 9"	Aust.	} 4,000 ft.	foot	0 1 3	Hoffman Brick & Potteries Ltd.
2356A. 9"	"		do.	0 1 1½		G. D. Guthrie & Co. Pty. Ltd.
2357. 12"	"	} 1,500 "	do.	0 2 6	Hoffman Brick & Potteries Ltd.
2357A. 12"	"		do.	0 1 9		G. D. Guthrie & Co. Pty. Ltd.
<i>Bends—Salt Glazed Vitrified Stoneware—</i>					
2358. 3"	"	} No. 50	each	0 2 3	Hoffman Brick & Potteries Ltd.
2358A. 3"	"		do.	0 1 6		G. D. Guthrie & Co. Pty. Ltd.
2359. 4"	"	} 200	do.	0 2 3	Hoffman Brick & Potteries Ltd.
2359A. 4"	"		do.	0 1 9		G. D. Guthrie & Co. Pty. Ltd.
2360. (M) 4"	"	} 30	do.	0 4 0	Hoffman Brick & Potteries Ltd.
2360A. (B) 4"	"		do.	0 2 6		G. D. Guthrie & Co. Pty. Ltd.
2361. 6"	"	} 50	do.	0 4 3	Hoffman Brick & Potteries Ltd.
2361A. 6"	"		do.	0 2 9		G. D. Guthrie & Co. Pty. Ltd.
2362. (M) 6"	"	} 50	do.	0 7 3	Hoffman Brick & Potteries Ltd.
2362A. (B) 6"	"		do.	0 5 3		G. D. Guthrie & Co. Pty. Ltd.
2363. 9"	"	} 50	do.	0 10 0	Hoffman Brick & Potteries Ltd.
2363A. 9"	"		do.	0 3 9		G. D. Guthrie & Co. Pty. Ltd.
<i>Elbows—Salt Glazed Vitrified Stoneware—</i>					
2364. 4"	Aust.	} No. 100	each	0 3 0	Hoffman Brick & Potteries Ltd.
2364A. 4"	"		do.	0 1 9		G. D. Guthrie & Co. Pty. Ltd.
2365. 6"	"	} 50	do.	0 6 0	Hoffman Brick & Potteries Ltd.
2365A. 6"	"		do.	0 2 9		G. D. Guthrie & Co. Pty. Ltd.
<i>Single Junctions, right angled and oblique, 45° or 60° as ordered—</i>					
2366. 3" x 3"	"	} 50	do.	0 2 9	Hoffman Brick & Potteries Ltd.
2366A. 3" x 3"	"		do.	0 2 2		G. D. Guthrie & Co. Pty. Ltd.
2367. 4" x 4"	"	} 100	do.	0 2 9	Hoffman Brick & Potteries Ltd.
2367A. 4" x 4"	"		do.	0 2 3		G. D. Guthrie & Co. Pty. Ltd.
2368. (M) 4" x 4"	"	} 300	do.	0 4 3	Hoffman Brick & Potteries Ltd.
2368A. (B) 4" x 4"	"		do.	0 3 0		G. D. Guthrie & Co. Pty. Ltd.
2369. 6" x 4"	"	} 50	do.	0 4 6	Hoffman Brick & Potteries Ltd.
2369A. 6" x 4"	"		do.	0 3 4		G. D. Guthrie & Co. Pty. Ltd.
2370. (M) 6" x 4"	"	} 50	do.	0 8 0	Hoffman Brick & Potteries Ltd.
2370A. (B) 6" x 4"	"		do.	0 5 6		G. D. Guthrie & Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
DRAIN PIPES, ETC.—continued.					
Single Junctions, right angled and oblique, 45° or 60 as° ordered— <i>continued.</i>					
2371. 6" x 6"	Aust.	No. 20	each	0 5 6	Hoffman Brick & Potteries Ltd.
2371A. 6" x 6"	"	}	do.	0 3 6	G. D. Guthrie & Co. Pty. Ltd.
2372. (M) 6" x 6"	"	20	do.	0 8 0	Hoffman Brick & Potteries Ltd.
2372A. (B) 6" x 6"	"	}	do.	0 5 9	G. D. Guthrie & Co. Pty. Ltd.
2373. 9" x 4" or 9" x 6", as ordered	"	20	do.	0 8 6	Hoffman Brick & Potteries Ltd.
2373A. 9" x 4" or 9" x 6", as ordered	"	}	do.	0 4 6	G. D. Guthrie & Co. Pty. Ltd.
2374. 12" x 4" to 12" x 9", as ordered	"	20	do.	0 14 6	Hoffman Brick & Potteries Ltd.
2374A. 12" x 4" to 12" x 9", as ordered	"	}	do.	0 7 6	G. D. Guthrie & Co. Pty. Ltd.
2375. 15" x 6" to 15" x 12", as ordered	"	20	do.	1 2 6	Hoffman Brick & Potteries Ltd.
2375A. 15" x 6" to 15" x 12", as ordered	"	}	do.	0 15 6	G. D. Guthrie & Co. Pty. Ltd.
2376. 18" x 9" or 18" x 12", as ordered	"	20	do.	1 15 0	Hoffman Brick & Potteries Ltd.
2376A. 18" x 9" or 18" x 12", as ordered	"	}	do.	1 7 6	G. D. Guthrie & Co. Pty. Ltd.
2377. 24" x 9" or 24" x 12", as ordered	"	20	do.	3 0 0	Hoffman Brick & Potteries Ltd.
2377A. 24" x 9" or 24" x 12", as ordered	"	}	do.	2 2 6	G. D. Guthrie & Co. Pty. Ltd.
Double Junctions, right angled and oblique, 45° or 60°, as ordered—					
2378. 4" x 4"	Aust.	No. 20	each	0 6 6	Hoffman Brick & Potteries Ltd.
2378A. 4" x 4"	"	}	do.	0 3 6	G. D. Guthrie & Co. Pty. Ltd.
2379. 6" x 4"	"	10	do.	0 10 0	Hoffman Brick & Potteries Ltd.
2379A. 6" x 4"	"	}	do.	0 7 6	G. D. Guthrie & Co. Pty. Ltd.
2380. Bricks, Gutter, 4"	"	2,500	do.	0 0 9	Hoffman Brick & Potteries Ltd.
2380A. Bricks, Gutter, 4"	"	}	do.	0 0 7	G. D. Guthrie & Co. Pty. Ltd.
2381. Discs, 4"	"	200	do.	0 0 4	Hoffman Brick & Potteries Ltd.
2381A. Discs, 4"	"	}	do.	0 0 4	G. D. Guthrie & Co. Pty. Ltd.
2382. Discs, 6"	"	20	do.	0 0 7	Hoffman Brick & Potteries Ltd.
2382A. Discs, 6"	"	}	do.	0 0 6	G. D. Guthrie & Co. Pty. Ltd.
2383. (M) Tops, Gully	"	30	do.	0 9 9	Hoffman Brick & Potteries Ltd.
2383A. (B) Tops, Gully	"	}	do.	0 7 6	G. D. Guthrie & Co. Pty. Ltd.
2384. (M) Tops for Boundary Traps, 4" x 4", No. 27A	"	5	do.	0 3 3	Hoffman Brick & Potteries Ltd.
2384A. (B) Tops for Boundary Traps, 4" x 4", No. 27A	"	}	do.	0 2 10	G. D. Guthrie & Co. Pty. Ltd.
2385. (M) Tops for Boundary Traps, 6" x 4", or 6" 6", as ordered, No. 26A	"	5	do.	0 7 9	Hoffman Brick & Potteries Ltd.
2385A. (B) Tops for Boundary Traps, 6" x 4", or 6" x 6", as ordered, No. 26A	"	}	do.	0 3 6	G. D. Guthrie & Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for the Year.	Rate per--	Rate.	Name of Contractor.	
				£ s. d.		
<i>DRAIN PIPES, ETC.—continued.</i>						
2386. (M) Traps, Boundary, 4"	Aust.	No. 5	each	0 9 9	Hoffman Brick & Potteries Ltd, G. D. Guthrie & Co. Pty. Ltd.	
2386A. (B) Traps, Boundary, 4"	"			do.		0 6 0
2387. (M) Traps, Boundary, 6"	"	10	do.	1 5 6	Hoffman Brick & Potteries Ltd. G. D. Guthrie & Co. Pty. Ltd.	
2387A. (B) Traps, Boundary, 6"	"			do.		0 8 6
2388. (M) Traps, Disconnecter, No. 23	"	100	do.	0 7 6	Hoffman Brick & Potteries Ltd. G. D. Guthrie & Co. Pty. Ltd.	
2388A. (B) Traps, Disconnecter, No. 23	"			do.		0 5 6
2389. (M) Traps, Gully, No. 24	"	40	do.	0 10 6	Hoffman Brick & Potteries Ltd. G. D. Guthrie & Co. Pty. Ltd.	
2389A. (B) Traps, Gully, No. 24	"			do.		0 7 9
Drain Pipes, Ordinary Concrete—						
2390. 4" (in 3' lengths)	"	100 feet	foot	0 0 9	Hume Pipe Co. (Aust.) Ltd.	
2391. 6" (in 3' lengths)	"	200 "	do.	0 1 1		
2392. 9" (in 3' lengths)	"	1,500 "	do.	0 2 0	Hume Pipe Co. (Aust.) Ltd. Concrete Constructions Pty. Ltd.	
2392A. 9" (in 4' or 8' lengths)	"			do.		0 2 0
2393. 12" (in 3' lengths)	"	500 "	do.	0 2 9	Hume Pipe Co. (Aust.) Ltd. Concrete Constructions Pty. Ltd.	
2393A. 12" (in 4' or 8' lengths)	"			do.		0 2 9
2394. 15" (in 3' ft. lengths)	"	300 "	do.	0 3 8	Hume Pipe Co. (Aust.) Ltd. Concrete Constructions Pty. Ltd.	
2394A. 15" (in 4' or 8' lengths)	"			do.		0 3 8
2395. 18" (in 3' lengths)	"	100 "	do.	0 5 0	Hume Pipe Co. (Aust.) Ltd. Concrete Constructions Pty. Ltd.	
2395A. 18" (in 4' or 8' lengths)	"			do.		0 5 0
2396. 24" (in 4' or 8' lengths)	Aust.	100 "	do.	0 9 0	Concrete Constructions Pty. Ltd.	
Pipes, Reinforced Concrete, 4' long—						
2397. 9" diameter	"	600 "	do.	0 2 3		
2398. 12" diameter	"	1,700 "	do.	0 3 7		
2399. 15" diameter	"	500 "	do.	0 4 10		
2400. 18" diameter	"	1,400 "	do.	0 6 1		
2401. 21" diameter	"	100 "	do.	0 7 5		
2402. 24" diameter	"	600 "	do.	0 9 0		
2403. 27" diameter	"	100 "	do.	0 10 9		
2404. 30" diameter	"	200 "	do.	0 13 10		
2405. 36" diameter	"	100 "	do.	0 17 10		
Pipes, Reinforced Concrete—						
2406. 9" diameter, 6' or 9' long, as ordered	"	600 "	do.		Nil
2407. 12" diameter, 6' or 9' long, as ordered	"	1,700 "	do.	.. .. .	
2408. 15" diameter, 4' or 6' long, as ordered	"	500 "	do.	.. .. .	
2409. 18" diameter, 4' or 6' long, as ordered	"	1,400 "	do.	.. .. .	
2410. 21" diameter, 4' or 6' long, as ordered	"	100 "	do.	.. .. .	
2411. 24" diameter, 4' or 6' long, as ordered	"	600 "	do.	.. .. .	
2412. 27" diameter, 4' or 6' long, as ordered	"	100 "	do.	.. .. .	
2413. 30" diameter, 4' or 6' long, as ordered	"	200 "	do.	.. .. .	
2414. 36" diameter, 4' or 6' long, as ordered	"	100 "	do.	.. .. .	
Pipes, Reinforced Concrete, 3' long—						
2415. 9" diameter	Aust.	600 "	do.	0 2 3	Hume Pipe Co. (Aust.) Ltd.	
2416. 12" diameter	"	600 "	do.	0 3 7		
2417. 15" diameter	"	300 "	do.	0 4 10		
2418. 18" diameter	"	500 "	do.	0 6 1		
2419. 21" diameter	"	100 "	do.	0 7 5		
2420. 24" diameter	"	500 "	do.	0 9 0		
2421. 27" diameter	"	100 "	do.	.. .. .	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.	
				£ s. d.		
DRAIN PIPES, ETC.—continued.						
Pipes, Reinforced Concrete, 3' long— <i>continued.</i>						
2422. 30" diameter	Aust.	100 feet	foot	0 13 10	} Hume Pipe Co. (Aust.) Ltd.	
2423. 36" diameter	"	100 "	do.	0 17 10		
Pipes, Reinforced Concrete, 6' long—						
2424. 9" diameter	"	500 "	do.	0 2 3		
2425. 12" diameter	"	300 "	do.	0 3 7		
2426. 15" diameter	"	300 "	do.	0 4 10		
2427. 18" diameter	"	300 "	do.	0 6 1		
2428. 21" diameter	"	300 "	do.	0 7 5		
2429. 24" diameter	"	300 "	do.	0 9 0		
2430. 27" diameter	"	100 "	do.		Nil
2431. 30" diameter	Aust.	100 "	do.	0 13 10	} Hume Pipe Co. (Aust.) Ltd.	
2432. 36" diameter	"	800 "	do.	0 17 10		
2433. Pipes, Agricultural Tile, 12" long, 4" internal diameter	"	} 8,000 "	100 feet	1 10 0	Hoffman Brick & Potteries Ltd.	
2433A. Pipes, Agricultural Tile, 12" long, 4" internal diameter	"		do.	1 2 0	Castlemaine Brick & Tile Pty. Ltd.	
2434. Pipes, Agricultural Tile, 12" long, 6" internal diameter	"	} 100 "	do.	4 0 0	Hoffman Brick & Potteries Ltd.	
2434A. Pipes, Agricultural Tile, 12" long, 6" internal diameter	"		do.	3 2 0	Castlemaine Brick & Tile Pty. Ltd.	

CATTLE, PIG, AND WASH TROUGHS AND COPPER STANDS.

Item 2435.—The Cattle Trough must be 12 feet long, shall be of concrete, well reinforced, and with surfaces smoothly rendered, and provided with supports so that the top of the trough will stand (approx.) 18 inches above the ground level, as per drawing attached to original contract. Provision shall be made at one end of the trough for a ½-inch connexion for a ball cock. A suitable steel hood and padlock shall be provided to protect the ball cock.

Item 2436.—The Pig Trough shall be 8 feet long, shall be of concrete, well reinforced, and with surfaces smoothly rendered, and provided with a suitable base so that the bottom of the trough will rest flat on the ground. Dimensions of cross-section of Trough 15" x 8". Provision shall be made at one end of the trough for a ½-inch connexion for a ball cock. A suitable steel hood and padlock shall be provided to protect the ball cock. The rate includes 9s. 6d. for crate—if not required to be allowed for by Contractor.

Item 2437.—The Wash Trough shall be in two divisions, shall be of reinforced cement 1 inch thick, shall be 4 ft. long, 14 inches deep, 1 ft. 2 in. wide at bottom and 1 ft. 9 in. wide at top, and shall be fitted with brass plugs and washers complete (M.M.B.W. pattern), and fitted with cap and linings for 2 in. waste. The rate includes 3 in. x 1 in. hardwood crates, which shall remain the property of the Corporation.

Item 2437A.—The Concrete Copper Stands are to be constructed to take a 14-gallon boiler and are to be fitted with fire-grate, door, and 9 ft. of concrete flue pipe.

All crating necessary for the safe transport by rail is to be provided by Contractor at his expense.

The Troughs under Item 2435 will be delivered in trucks at Fyansford Railway Siding.

The Troughs under Item 2436 will be delivered, securely packed, in trucks at Springvale Railway Station.

The Troughs under Item 2437 will be delivered, securely packed, in trucks at Geelong Railway Station.

The Concrete Copper Stands under Item 2437A will be delivered, securely packed, in trucks at Hawthorn Railway Station.

2435. Trough, reinforced concrete, 12' long, for Cattle (as specified)	Aust.	20	each	6 5 0	Australian Portland Cement Co. Pty. Ltd.
2436. Trough, reinforced concrete, 8' long, for Pigs (as specified) including crate	"	20	do.	*2 14 0	Coates & Co. Pty. Ltd.
2437. Trough, Wash, reinforced cement (as specified)	"	250	do.	1 10 0	Sherriff & Elliott
2437A. Concrete Copper Stands	"	80	do.	4 0 6	G. Simpson & Son

BRICKS, BUILDING.

As regards Item 2438—The bricks shall be carefully loaded into trucks at Company's Private Siding at Bendigo, and consigned as ordered, and such loading shall be performed by and at the expense of the Contractor, and to the satisfaction of the Chief Storekeeper.

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

BRICKS, BUILDING—continued.

As regards Items 2439 and 2440—The bricks shall be carefully loaded into trucks at Selkirk's Siding at Ballarat, and consigned as ordered, and such loading shall be performed by and at the expense of the Contractor, and to the satisfaction of the Chief Storekeeper.

The bricks shall be well burnt, sound, hard, truly shaped, and of uniform size and colour.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
BENDIGO AND DISTRICT.					
†2438. Bricks, Building	Aust.	60,000	1,000	3 5 0	Northern & Bendigo Brick Co. Pty. Ltd.
BALLARAT DISTRICT.					
†2439. Bricks, Building	„	100,000	do.	3 0 0	James Selkirk
MARYBOROUGH DISTRICT.					
†2440. Bricks, Building	„	50,000	do.	3 0 0	Nil
NORTH-EASTERN DISTRICT—TOOLAMBA TO KYABRAM AND BRANCH LINES.					
†2441. Bricks, Building .. .. .	..	10,000	do.	..	Nil
NORTH-EASTERN DISTRICT.—BENALLA TO WODONGA AND BRANCH LINES.					
†2442. Bricks, Building .. .. .	..	10,000	do.	..	

BUILDING SAND.

The Sand shall be clean and free from foreign matter, and shall be delivered properly loaded into railway trucks at the station named at end of schedule, and consigned as ordered. The proper loading of the Sand into railway trucks shall include so lining the trucks with paper as to prevent the Sand escaping, and the Contractor shall be liable for any loss of Sand arising, in the judgment of the Chief Storekeeper, from the Contractor's failure or neglect to so line the trucks, and the amount of such loss as assessed by the Chief Storekeeper shall from time to time be borne by the Contractor, and may be deducted from any moneys due to him by the Corporation.

Measurement will be made at the Railway Station from which the Sand is consigned.

Inspection will be made at the Railway Station to which the Sand is consigned.

The sand will be delivered properly loaded in trucks at Cranbourne Railway Station.

†2443. Sand, fine, white	Aust.	8,000	cub. yd.	0 3 5	M. J. O'Hanlon & Co.
†2444. Sand, coarse	„	„	do.	..		Nil
†2445. Sand, medium	„	„	do.	..	
†2445B. Gravel, fine, for pre-cast work .. .. .	..	3,000	„ do.	..
†2445C. Gravel, coarse, for pre-cast work .. .. .	..	2,000	„ do.	..

SAND FOR LOCOMOTIVES.

The Sand shall be delivered, properly loaded into railway trucks at the stations named and consigned as ordered. The proper loading of the Sand into railway trucks shall include lining the trucks with paper so as to prevent the Sand escaping, and the Contractor shall be liable for any loss of Sand arising, in the judgment of the Chief Storekeeper, from the Contractor's failure or neglect to so line the trucks, and the amount of such loss as assessed by the Chief Storekeeper shall from time to time be borne by the Contractor, and may be deducted from any moneys due to him by the Corporation.

Measurement will be made at the railway station from which the Sand is consigned.

Inspection will be made at the railway station to which the Sand is consigned.

†2446. Sand, for Locomotives, delivered into trucks at Seaford	Aust.	„	cub. yds. | cub. yd.	0 4 8	R. W. McCulloch & Co.
†2446A. Sand, for Locomotives, delivered into trucks at Siding at Cranbourne	„	1,500	do.	..	Nil

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

FIRE BRICKS, ETC.

The Fire Bricks and Lumps shall be carefully loaded into trucks, and be properly packed with straw, so as to prevent damage in transit, failing which the Contractor shall be held responsible and liable for any loss or damage which, in the judgment of the Chief Storekeeper, shall arise or occur owing to the Contractor's failure to so load and pack the Stores.

All Fire Bricks and Fire Lumps shall bear the manufacturer's name or brand.

As regards Items 2447 to 2453, 2455, 2456 and 2457—Delivery will be given properly loaded into trucks at Dandenong Railway Station.

As regards Items 2454 and 2454A—Delivery will be given properly loaded into trucks at Pakenham Railway Station.

As regards Items 2456A to 2456N—Delivery will be given at the Pintsch Gas Works, Spencer-street.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for the Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
Bricks, Fire, Locomotive—					
†2447. Ordinary Small, to Item No. 1 of Litho. 306/12 amended	Aust.	130,000	100	0 12 0	The Ordish Fire-brick Co. Pty. Ltd.
†2448. Side Carrier, to Item No. 2 of Litho. 306/12 amended	"	14,000	do.	2 0 0	
†2449. Front Centre, to Item No. 3 of Litho. 306/12 amended	"	20,000	do.	2 0 0	
†2450. Bricks—Fire, ordinary	"	120,000	do.	0 18 0	
†2451. Bricks—Fire, to any other sizes and templates ordered	"		do.	1 0 0	
*2452. Bricks—Fire, segment	"	1,000	do.	1 10 0	Pakenham Fire Brick, Pipe & Tile Co.
†2453. Bricks—Fire, segment, to any other sizes and templates ordered	"	10,000	do.	1 10 0	
†2454. Clay-fire, machine ground	"	2,000 cwt.	do.	0 3 3	
†2454A. Clay-fire, extra finely ground	"		do.	0 4 9	
†2455. Lumps—Fire, 12" x 6" x 36"	"	20 "	do.	0 11 8	The Ordish Fire-brick Co. Pty. Ltd.
†2456. Lumps—Fire, any sizes other than 12" x 6" x 36", and any patterns ordered other than the following items	"	220 "	do.	0 11 8	
Lumps, Fire, for Retorts for Pintsch Gas Works—					
*2456A. To sample A.1	"	200	each	0 3 9	The Australian Gas Retort and Fire Brick Manufg. Co.
*2456B. " A.2	"	50	do.	0 1 9	
*2456C. " E	"	100	do.	0 3 9	
*2456D. " F.1	"	200	do.	0 2 6	
*2456E. " F.2	"	50	do.	0 1 3	
*2456F. " Q	"	50	do.	0 2 0	
*2456G. " G	"	50	do.	0 2 9	
*2456H. " X.1	"	25	do.	0 2 6	
*2456I. " X.2	"	25	do.	0 2 6	
*2456J. " H.1	"	50	do.	0 3 9	
*2456K. " H.2	"	50	do.	0 3 9	
*2456L. " M	"	100	do.	0 1 0	
*2456M. " P	"	100	do.	0 2 6	
*2456N. Large Shields	"	130	do.	0 2 6	
*2457. Pedestals—Fire Lump	"	400	100	2 0 0	

CHARCOAL.

†2458. Charcoal, in bags which will remain property of Corporation, delivered into trucks at Lancefield Railway Station	Aust.	20 tons	ton	4 4 0	Charcoal Supply Co.
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BONE GRIT.

†2459. Bone Grit	"	25 tons	ton	..	Nil.
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INFUSORIAL EARTH (GROUND).

The material desired under this Contract is that known as Infusorial Earth, i.e., Diatomaceous Earth, free from stones and foreign matter.

The Infusorial Earth (Diatomaceous Earth) shall be ground ready for mixing.

A sample of the Infusorial Earth tendered, of at least 10 lbs. in weight, shall be submitted with each tender.

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

INFUSORIAL EARTH (GROUND)—continued.

In allotting the Contract the undermentioned factors (a), (b), (c), and (d), in addition to price and place of delivery, will be taken into consideration:—

- (a) fineness of sample.
- (b) moisture content of sample.
- (c) weight per unit volume of sample.
- (d) percentage of true Infusorial Earth.

The empty bags to be returned at the Spencer-street Storehouse, or paid for at cost price.

†2460. Earth, Infusorial, in bags, which will remain property of Contractor, loaded into trucks at Hawthorn Railway Station	Aust.	100 tons	ton	6 11 6	The Infusorial Earth and Asbestos Co.
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FOUNDRY COKE.

Payment to be made on out-turn weights as per railway weighbridge tickets.

Coke to be shipped from Sydney, not Port Kembla.

The contract is subject to certain conditions regarding strikes, &c.

The rate is based on the current selling price of coal; for every increase or decrease in the price of coal by 1s. per ton, the rate for coke shall increase or decrease by 1s. 6d. per ton.

2461. Coke, Foundry, purified, "Mount Pleasant"	Aust.	900 tons	ton	3 2 0	Melbourne Steamship Co. Ltd.
				In trucks, Victoria Dock or Williamstown, at Contractor's option, excluding wharfage charges.	

BOOKS, PAPER (VARIOUS), PASTEBOARDS, TICKET BOARDS, ETC.

All Blotting Papers shall be folded.

The Printing Papers shall be equal in quality, weight, and colour to the samples furnished by the Contractor and accepted by the Corporation, and shall be cut to the true size ordered. Each ream shall contain 500 sheets, and shall be supplied flat (not folded). No creased or damaged paper will be accepted.

The Writing Papers shall be equal in quality, weight, and colour to the samples furnished by the Contractor and accepted by the Corporation, and shall be cut to the true size ordered. Each ream shall contain 480 sheets, and shall be supplied flat (not folded). No creased or damaged paper will be accepted.

The Royal Pasteboards shall be supplied in bundles of 1 gross each, and a label shall be attached to each bundle indicating the thickness of the Boards contained therein.

The Royal Surface Boards shall be supplied in bundles of 1 gross each, and a label shall be attached to each bundle indicating the colour of the Boards contained therein.

The Manila Ticket Boards shall be supplied in bundles of 50 each.

The Manila Luggage Checks shall be supplied in tiers of four, measuring 4½" x 7½" over all, slitted to within ¼" of top and bottom of each check, perforated across 2½" from top, and packed in strawboard boxes each containing 1,000 checks.

TICKET BOARDS.

As regards quality and finish, the Ticket Boards supplied shall be in strict accordance with the Contract samples.

As regards thickness, Ticket Boards supplied shall caliper not less than .029 nor more than .032.

As regards colour, the Ticket Boards supplied shall be in strict accordance with the Contract samples, and each delivery shall be marked with the Item No. to which it pertains.

The Ticket Boards shall be supplied trimmed to the exact size ordered, and shall be delivered in wrapped packages of one-half hundredweight each, exclusive of wrapper, and be free from moisture.

Two tenders have been accepted for Items 2497, 2504, 2506, 2509, 2519 and 2555, and orders are to be placed on whichever company supplies paper most suitable for the purpose required. The tender of the Aust. Paper & Pulp Co. is within the measure of preference and is entitled to the business wherever possible.

*As regards Items 2505, 2524A, 2529, 2530, 2536, and 2557—2½ per cent. discount will be allowed for all items ordered in sufficient time to allow of importation and when such paper is delivered direct to this Department from the wharf. In this respect the full quantities have been so ordered, any additional quantities delivered ex stock to be paid for at net rate.

BOOKS, ETC.—					
*2462. Copying, Crown folio, 500 leaves, ¼ basil, with index, "Averil Star" ..	Aust.	250	each	0 11 0	Redmond Inglis & Co.
*2463. Copying, Crown folio, 750 leaves, ½ basil, with index, "Averil Star" ..	"	100	do.	1 0 0	
*2464. Copying, Large Post folio, 750 leaves, ½ basil, with index, "Averil Star" ..	"	175	do.	1 1 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
BOOKS, PAPER (VARIOUS), PASTEBOARDS, TICKET BOARDS, ETC.—continued.					
<i>BOOKS, ETC.—continued.</i>					
*2465. Copying, Large Post folio, 750 leaves, ½ basil "Averil Star"	Aust.	300	each	0 19 9	Redmond Inglis & Co.
*2466. Copying, Double Crown folio, 750 leaves, ½ basil, "Averil Star"	"	150	do.	1 13 0	
2466A. Paper, Burroughs' Adding Machine	"	200 rolls	roll	0 0 10	Spicers & Detmold Ltd.
†2466B. Envelopes, Pence, glazed manilla, 3" x 2½"	"	100,000	1,000	0 4 6	
				Percentage of Published Price List current from time to time during period of this contract.	
2467. Diaries, Australian	Aust.	£170	each	25%	Sands & McDougall Pty. Ltd.
*2468. Foolscap, ruled, ½ cloth, 2 quire	"	2,500	do.	0 1 0	John Dickinson & Co. (Aust.) Ltd.
*2469. Foolscap, ruled faint, ½ basil, 2 quire	"	400	do.	0 5 3	Spicers & Detmold Ltd.
*2470. Foolscap, ruled faint, ½ basil, 3 quire	"	125	do.	0 5 9	
*2471. Foolscap, ruled faint, ½ basil, 4 quire	"	175	do.	0 6 9	
*2472. Foolscap, ruled faint, single or double cash, paged or folioed, as ordered, ½ basil, 4 quire	"	75	do.	0 6 9	Sands & McDougall Pty. Ltd.
*2473. Indices, Foolscap, marble cover, one leaf to a letter	"	150	do.	0 0 6	
*2474. Indices, Foolscap, hand made, full basil, one leaf to a letter	"	40	do.	0 7 6	Spicers & Detmold Ltd.
*2475. Indices, Foolscap, hand made, full basil, two to four leaves to a letter, as ordered	"	200	do.	0 12 6	
*2476. Manifold	"	5,000	do.	0 0 8½	John Dickinson & Co. (Aust.) Ltd.
*2476A. Manifold, in trip.	"	75	do.	0 3 10	Sands & McDougall Pty. Ltd.
*2477. Memo., Foolscap 8vo, 8 sheet, American cloth	"	10,000	do.	0 0 2½	
*2478. Memo., Post 8vo, 18 sheet, full rexine	"	800	do.	0 0 9½	John Dickinson & Co. (Aust.) Ltd.
*2479. Memo., Post 8vo, 18 sheet, full rexine, indexed throughout "Acacia"	"	250	do.	0 1 1	Redmond, Inglis & Co.
†2480. Pocket, Metallic, Smith's 195, or other approved maker	"	100	do.	0 3 3	Sands & McDougall Pty. Ltd.
†2481. Pocket, Metallic, Smith's 197, or other approved maker	"	50	do.	0 3 9	
†2482. Pocket, Penny's No. 136, or other approved maker	"	75	do.	0 4 0	
†2483. Refills for Penny's Pocket-books, No. 136.	"	150	do.	0 0 4½	Spicers & Detmold Ltd.
†2484. Shorthand, note	"	1,000	do.	0 0 3½	

DRAWING PAPERS, ETC.

<i>PAPER, ETC.—</i>					
†2485. Blotting, white, 36 lbs., "Suction"	Gt. Brit.	100 reams	ream	1 7 0	Wiggins, Teape, & Alex. Pirie (Export) Ltd.
†2486. Blotting, white, 46 lbs., 1st quality	"	50 "	do.	2 0 0	John Dickinson & Co. (Aust.) Ltd.
†2487. Drawing, Antiquarian, hand-made, "James Whatman," "N.O.T."	"	10 quires	quire	3 19 6	R. C. Paterson & Co. Pty. Ltd.
†2488. Drawing, Antiquarian, mounted on linen	"	50 yds.	lin. yd.	0 9 9	
†2489. Drawing, Double Elephant, hand-made, "James Whatman"	"	5 quires	quire	1 3 0	Sands & McDougall Pty. Ltd.
2490. Drawing, Cartridge, 60" wide, continuous, No. 60	"	500 yds.	lin. yd.	0 0 9	
2491. Drawing, Cartridge, 54" wide, mounted on linen	"	100 "	do.	0 6 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
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BOOKS, PAPER (VARIOUS), PASTEBOARDS, TICKET BOARDS, ETC.—*continued.*

DRAWING PAPERS, ETC.—*continued.*

PAPER ETC.— <i>continued.</i>					
†2492. Drawing, Tenax, 60" wide, continuous, cut to any lengths required, No. 45 ..	Gt. Brit.	200 yds.	lin. yd.	0 1 6	R. C. Paterson & Co. Pty. Ltd.
†2493. Oil Sheets, Foolscap folio, hand-made ..	..	75 dozen sheets	dozen sheets	..	} Nil
†2494. Oil Sheets, Large Post folio, hand-made ..	..	100 "	do.	..	
†2495. Oil Sheets, Double Crown Folio, hand-made ..	..	30 "	do.	..	

PRINTING, WRITING AND LITHOGRAPHIC PAPERS.

PRINTING PAPERS.

†2496. Quad. Crown, News, 44 lbs. ..	Norway	500 reams	ream	0 9 4½	Woolcott & Mackie Pty. Ltd.	
†2497. Quad. Crown, White, 48 lbs. ..	Aust.	} 500 "	do.	0 15 0	Aust. Paper & Pulp Co. Ltd.	
†2497A. Quad. Crown White, 48 lbs. ..	Gt. Brit.		do.	0 14 7	John Dickinson & Co. (Aust.) Ltd.	
†2498. Double Royal, Blue, 48 lbs. ..	Norway	100 "	do.	0 12 2	} E. H. Cooper Pty. Ltd.	
†2499. Double Royal, Cerise, 48 lbs. ..	"	100 "	do.	0 12 2		
†2500. Double Royal, Green, 48 lbs. ..	"	75 "	do.	0 12 2		
†2501. Double Royal, Red, 48 lbs. ..	"	50 "	do.	0 16 6		
†2502. Double Royal, Salmon, 48 lbs. ..	"	200 "	do.	0 12 2		
†2503. Double Royal, Yellow, 48 lbs. ..	"	200 "	do.	0 12 2		
†2504. Double Royal, White, 40 lbs. ..	Aust.	} 1,000 "	do.	0 12 6		Aust. Paper & Pulp Co. Ltd.
†2504A. Double Royal, White, 40 lbs. ..	Gt. Brit.		do.	0 12 2		John Dickinson & Co. (Aust.) Ltd.
†2505. Double Royal, News, 37 lbs. ..	"	1,000 "	do.	*0 8 3 7/18	Gordon & Gotch (Aust.) Ltd.	
†2506. Double Royal, White, 50 lbs. ..	Aust.	} 500 "	do.	0 15 8	Aust. Paper & Pulp Co. Ltd.	
†2506A. Double Royal White, 50 lbs. ..	Gt. Brit.		do.	0 15 2	John Dickinson & Co. (Aust.) Ltd.	
†2507. Double Royal, Pink, 48 lbs. ..	Norway	100 "	do.	0 12 2	E. H. Cooper Pty. Ltd.	
†2508. Double Royal, M.G., 80 lbs. ..	Gt. Brit.	25 "	do.	1 8 7	John Dickinson & Co. (Aust.) Ltd.	
†2509. Quad. Foolscap, White, 37 lbs. ..	Aust.	} 2,500 "	do.	0 11 7	Aust. Paper & Pulp Co. Ltd.	
†2509A. Quad. Foolscap, White, 37 lbs. ..	Gt. Brit.		do.	0 11 2½	John Dickinson & Co. (Aust.) Ltd.	
†2510. Double Medium, Cerise, 80 lbs. ..	Norway	20 "	do.	1 0 3½	} E. H. Cooper Pty. Ltd.	
†2511. Double Medium, Yellow, 80 lbs. ..	"	20 "	do.	1 0 3½		
†2512. Double Medium, Salmon, 80 lbs. ..	"	20 "	do.	1 0 3½		
†2513. Double Medium, Blue, 80 lbs. ..	"	20 "	do.	1 0 3½		
†2514. Glazed Cap, 36" x 24", 45 lbs. ..	Aust.	750 "	do.	0 16 0	Aust. Paper & Pulp Co. Ltd.	
†2515. Smooth Cartridge, 20" x 25", 40 lbs. ..	"	150 "	do.	0 18 6	Co. Ltd.	
†2516. Double Demy, Yellow, 40 lbs. ..	Norway	75 "	do.	0 10 2	E. H. Cooper Pty. Ltd.	
†2517. Double Demy, News, 28 lbs. ..	"	1,500 "	do.	0 5 11½	Woolcott & Mackie Pty. Ltd.	
†2518. Double Demy, Green, 40 lbs. ..	"	25 "	do.	0 10 2	E. H. Cooper Pty. Ltd.	
†2519. Double Demy, White, 40 lbs. ..	Aust.	} 500 "	do.	0 12 6	Aust. Paper & Pulp Co. Ltd.	
†2519A. Double Demy, White, 40 lbs. ..	Gt. Brit.		do.	0 12 2	John Dickinson & Co. (Aust.) Ltd.	
†2520. Double Demy, Pink, 40 lbs. ..	Norway	10 "	do.	0 10 2	} E. H. Cooper Pty. Ltd.	
†2521. Double Demy, Red, 40 lbs. ..	"	20 "	do.	0 13 9		
†2522. Double Demy, Salmon, 40 lbs. ..	"	10 "	do.	0 10 2		
†2523. Double Demy, Green, 24 lbs. ..	"	50 "	do.	0 6 5		
†2524. Double Demy, White, Sup. Cal., 40 lbs. ..	Gt. Brit.	50 "	do.	0 12 2	John Dickinson & Co. (Aust.) Ltd.	
†2524A. Demy, White, Gummed ..	"	50 "	do.	*1 2 0	Gordon & Gotch (Aust.) Ltd.	
†2525. Double Crown, Manila Carte, 20" x 30", 100 lbs. ..	Scand.	30 "	do.	2 3 0	John Dickinson & Co. (Aust.) Ltd.	

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

BOOKS, PAPER (VARIOUS), PASTEBOARDS, TICKET BOARDS, ETC.—*continued.*

PRINTING, WRITING, AND LITHOGRAPHIC PAPERS—*continued.*

WRITING PAPERS.

†2526. Double Large Post, Bank, White, 22 lbs.	Gt. Brit.	25 reams	ream	0 8 7½	} John Dickinson & Co. (Aust.) Ltd.
†2527. Double Large Post, White, 36 lbs.	"	350 "	do.	0 12 1	
†2528. Double Large Post, White, 46 lbs.	"	150 "	do.	1 0 0	
†2529. Double Large Post, Azure, 46 lbs.	"	80 "	do.	*0 19 2	
†2530. Double Medium, Bank, White, 36 lbs.	Scand.	200 "	do.	*0 18 0	} Gordon & Gotch (Aust.) Ltd.
†2531. Double Medium, Bank, Blue, 36 lbs.	Gt. Brit.	50 "	do.	1 1 8	
†2532. Double Medium, Bank, Green, 36 lbs.	Gt. Brit.	50 "	do.	1 1 8	} Woolcott & Mackie Pty. Ltd.
†2533. Double Medium, Bank, Pink, 36 lbs.	"	50 "	do.	1 1 8	
†2534. Double Medium, Bank, Yellow, 36 lbs.	"	50 "	do.	1 1 8	
†2535. Quad. Foolscap, Bank, 15 lbs. (manifolding)	"	75 "	do.	0 7 11	
†2536. Quad. Foolscap, Azure, 48 lbs.	"	50 "	do.	*1 0 0	} Gordon & Gotch (Aust.) Ltd.
†2537. Double Cap, Blue, 24 lbs.	"	25 "	do.	0 12 5	
†2538. Azure Laid, 16½" x 37", 50-51 lbs.	"	200 "	do.	2 3 0	} John Dickinson & Co. (Aust.) Ltd.
†2539. Quad. Foolscap, Azure Laid, 60 lbs.	"	100 "	do.	2 10 6	
†2540. Double Demy, Azure, 48 lbs.	"	50 "	do.	2 0 6	
†2541. Double Medium, Azure, 68 lbs.	"	15 "	do.	2 17 4	
†2542. Quad. Foolscap, White, 48 lbs., wove, "Inverdon"	"	1,500 "	do.	1 2 6	} Wiggins, Teape & Alex. Pirie (Export) Ltd.
†2543. Double Cap, Bank, White, 14 lbs.	"	750 "	do.	0 5 10	
†2544. Double Cap, "Busbridge," C.L., 28 lbs.	"	100 "	do.	1 13 9	} Woolcott & Mackie Pty. Ltd.
†2545. Quad. Cap, Duplicating, white, 48 lbs.	"	1,500 "	do.	1 4 0	

LITHOGRAPHIC PAPERS.

†2546. 51" x 31", 160 lbs.	Gt. Brit.	50 reams	do.	4 0 0	} John Dickinson & Co. (Aust.) Ltd.
†2547. Double Royal, 80 lbs.	"	30 "	do.	2 0 0	
†2548. Double Demy, 72 lbs.	"	30 "	do.	1 16 0	

MANILA LUGGAGE CHECKS.

		No.	No.		
†2549. Checks, Luggage, Red	Aust.	100,000	1,000	0 4 9	} Sands & McDougall Pty. Ltd.
†2550. Checks, Luggage, Green	"	100,000	1,000	0 4 9	
†2551. Checks, Luggage, White	"	100,000	1,000	0 4 9	

BROWN PAPER.

†2552. Double Imperial, Kraft, 56 lbs.	"	10 tons	ton	35 0 0	} Aust. Paper & Pulp Co. Ltd.
†2553. Kraft, in rolls, 30" wide, 80 lbs., Double Imperial Substance	"	100 rolls	do.	35 0 0	
†2554. 17" x 27", 80 lbs.	"	20 reams	ream	1 5 0	

PASTEBOARDS, SURFACEBOARDS, ETC.

†2555. Royal, White one side, Pasteboards, 20" x 25", 3 sheet, 21 lbs.	Aust.	400 gross	gross	0 8 0	} Aust. Paper & Pulp Co. Ltd.
†2555A. Royal Pasteboards, 20" x 25", 3 sheet, 21 lbs.	Gt. Brit.	100 "	do.	0 9 10	
†2556. Royal Pasteboards, 20" x 25", 6 sheet, 48 lbs.	"	75 "	do.	0 19 8	} John Dickinson & Co. (Aust.) Ltd.
†2557. Wood Pulp Board, 34" x 44"—50's	Scand.	40 cwt.	cwt.	*1 11 0	
†2558. Boards, Cloth lined, 20" x 25", any standard colour ordered	Gt. Brit.	10 gross	gross	2 18 6	B. J. Ball Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
BOOKS, PAPER (VARIOUS), PASTEBOARDS, TICKET BOARDS, ETC.—continued.					
PASTEBOARDS, SURFACEBOARDS, ETC.—continued.					
ROYAL SURFACEBOARDS, 20" x 25".					
†2559. Green	Gt. Brit.	15 gross	gross	0 19 8½	John Dickinson & Co. (Aust.) Ltd.
†2560. Red	"	25 "	do.	0 19 8½	
†2561. Yellow	"	25 "	do.	0 19 8½	
†2562. Blue	"	10 "	do.	0 19 8½	
MANILA TICKET BOARD.					
*2563. 22" x 30"	Aust.	8,000 sheets.	100 sheets.	4 10 0	Aust. Paper & Pulp Co. Ltd.
LABELS.					
†2564. Linen, Large, No. 5	Aust.	50,000	1,000	0 17 6	C. Fahle
†2565. Linen, Small, 2½" x 2"	"	20,000	do.	0 11 6	
†2566. Manila, No. 5	"	4,000 gross	gross	0 0 4½	
†2567. Manila, No. 6	"	1,000 "	do.	0 0 5½	
PULP BOARD.					
†2568. Royal Pulp Board, 4 sheet, assorted, light tints	Aust.	300 "	do.	0 6 9	Aust. Paper & Pulp Co. Ltd.
TICKET BOARDS, 23" x 25".					
†2569. Buff	Aust.	40 tons	ton	34 0 0	Aust. Paper & Pulp Co. Ltd.
†2570. Blue	"	6 "	do.	34 0 0	
†2571. Cerise	"	3 "	do.	34 0 0	
†2572. Green	"	12 "	do.	34 0 0	
†2573. Pink	"	2 "	do.	34 0 0	
†2574. Salmon	"	2 "	do.	34 0 0	
†2575. White	"	50 "	do.	34 0 0	
†2576. Yellow	"	12 "	do.	34 0 0	
PAPER BAGS, ETC.					
†2577. Bags, Paper, Brown, ½ lb.	Aust.	5,000	1,000	0 2 8	Andrew Jack, Dyson & Co. Pty. Ltd.
†2578. Bags, Paper, Brown, 1 lb.	"	150,000	do.	0 3 9	
†2579. Bags, Paper, Brown, 2 lbs.	"	200,000	do.	0 4 11	
†2580. Bags, Paper, Brown, 3 lbs.	"	100,000	do.	0 6 8	
†2581. Bags, Paper, Brown, 4 lbs.	"	120,000	do.	0 8 0	
†2582. Bags, Paper, Confectionery, 4 oz.	"	80,000	do.	0 2 1	
†2583. Bags, Paper, Confectionery, 6 oz.	"	5,000	do.	0 2 4	
†2584. Bags, Paper, Confectionery, 8 oz.	"	100,000	do.	0 2 6	
†2585. Bags, Paper, Confectionery, 16 oz.	"	15,000	do.	0 3 3	
†2586. Serviettes, Paper	"	Nil.	do.	Nil	
†2586A. Bags, Paper, Kraft, Brown, Heavy, 6 lbs.	Aust.	30,000	do.	1 0 0	T. E. Verga Pty. Ltd.
†2586B. " " " " " 8 "	"	20,000	do.	1 4 3	
†2586C. " " " " " 10 "	"	5,000	do.	1 6 0	
†2586D. " " " " " 12 "	"	12,000	do.	1 17 9	
†2586E. " " " " " 16 "	"	5,000	do.	2 2 3	

SANITARY PAPER.

The Corporation undertakes to order up to the quantities shown opposite to Items 2587 and 2588 respectively.

†2587. Paper, Sanitary, ordinary, in rolls, branded "Victorian Railways" on each sheet, 10-oz. rolls (470 sheets to roll)	Aust.	1,000 dozen rolls	dozen rolls	0 3 0	Sands & McDougall Pty. Ltd.
†2588. Paper, Sanitary, Oval, in cases of 100 rolls, branded "Victorian Railways" on each sheet	"	200 cases	case	1 5 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per--	Rate.	Name of Contractor.
				£ s. d.	
TRACING CLOTH, ETC.					
†2589. Cloth, Tracing, 30" wide, 24 yds. in roll, "Sagars"	Gt. Brit.	60 rolls	roll	2 16 0	Max Wurcker Ltd.
†2590. Cloth, Tracing, 38" wide, 24 yds. in roll, "Sagars"	"	80 "	do.	3 4 0	R. C. Paterson & Co. Pty. Ltd.
Linen, Ferro Prussiate—					
†2591. 30" wide by 20 yards long, "Pacific" ..	Aust.	60 "	do.	1 9 9	R. C. Paterson & Co. Pty. Ltd.
†2592. 40" wide by 20 yards long, "Pacific" ..	"	40 "	do.	1 16 9	
Linen, Heliographic, Gallic Acid Bath—					
†2593. 30" wide x 20 yards long ..	Gt. Brit.	30 "	do.	2 0 0	W. & G. Dean Pty. Ltd.
†2594. 40" wide x 20 yards long ..	& Aust.	40 "	do.	2 7 0	
Paper, Ferro Prussiate—					
†2595. 30" wide x 20 yards long, 110 grams to sq. metre, "Pacific"	Aust.	700 "	do.	0 5 3	R. C. Paterson & Co. Pty. Ltd.
†2596. 42" wide x 20 yards long, 110 grams to sq. metre, "Pacific"	"	250 "	do.	0 7 0	
Paper, Heliographic, Gallic Acid Bath—					
†2597. 30" wide x 20 yards long, "Pacific" ..	"	250 "	do.	0 7 11	
†2598. 40" wide x 20 yards long, "Pacific" ..	"	250 "	do.	0 10 3	
†2599. Paper, Tracing, Unoled, continuous, 40" wide, 22 yards in roll, "Arcus" No. 109	"	20 "	do.	0 9 6	Max Wurcker Ltd.
†2600. Paper, Sepia, thin, negative, 30" x 20 yards "Pacific"	"	20 "	do.	0 15 9	R. C. Paterson & Co. Pty. Ltd.
†2601. Paper, Sepia, thin, negative, 40" x 20 yards, "Pacific"	"	10 "	do.	1 1 0	

CARBON PAPER.

Paper, Carbon, blue, extra rich, 2 sides—					
†2602. Demy Folio, 17½" x 11½", Pencil ..	Gt. Brit.	100 reams	ream	3 0 0	G. B. Fry & Co.
†2603. Foolscap Folio, 13½" x 8½" Pencil ..	"	50 "	do.	2 1 0	
Paper, Carbon, Brief, 13" x 16"—					
†2604. Billing, blue, in boxes of 100 sheets, 1101/7 "Zanotic"	"	175 boxes	box	0 6 9	Pencarbon Co. (Aust.) Ltd.
Paper, Carbon, Pen—"Hallmark"—					
†2605. Foolscap 4to, 300 sheets per box ..	Aust.	50 "	50 sheets	0 1 3	Ramsay & Hall Pty. Ltd.
†2605A. Approved Quality, cut to 17" x 9" ..	"	35 reams	ream	1 1 0	
Paper, Carbon, Pencil—"Hallmark"—					
†2606. 300 sheets per box Foolscap folio, 13" x 8"	"	50,000 shts	100 shts.	0 2 6	
Paper, Carbon, Typewriting, Black—"Hallmark"—300 sheets per box					
†2607. Foolscap Folio, 13" x 8", to produce up to 20 copies	"	80,000 "	do.	0 2 6	
†2608. Foolscap Folio, 13" x 8", to produce up to 6 copies	"	25,000 "	do.	0 2 6	
†2609. Foolscap, 13" x 16", to produce up to 20 copies	"	10,000 "	do.	0 5 0	
†2610. Foolscap, 13" x 16", to produce up to 6 copies	"	20,000 "	do.	0 5 0	

TYPEWRITING AND DUPLICATING MATERIALS, ETC.

Name of Manufacturer—

Items 2616 and 2618—A. B. Dick & Co.

As regards Items Nos. 2616-2618B, the corporation reserves the right to purchase "White" stencil sheets without infringing these contracts.

†2611. Brushes, for cleaning typewriter type ..	Aust.	100	each	0 0 11	Chartres Pty. Ltd.
†2612. Erasers, Circular No. 1080	U.S.A.	1,500	do.	0 0 2	Spicers & Detmold Ltd.
†2613. Solution, (Dermax) "Perfecto," in 1 gal. tins	Aust.	30 galls.	gallon	0 8 0	Chartres Pty. Ltd.
†2614. Ink, Black Duplicating	U.S.A.	400 lbs.	lb.	0 13 6	Stott & Hoare Pty Ltd.
†2614A. Ink, Black Duplicating	Aust.		do.	0 6 0	Ramsay & Hall Pty. Ltd.
†2614B. Varnish, Obliterating	U.S.A.	100 bots.	bottle	0 1 6	Stott & Hoare Pty. Ltd.
†2614C. Varnish, Obliterating	Aust.		do.	0 1 0	Ramsay & Hall Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.		Name of Contractor.
				£	s. d.	
TYPEWRITING AND DUPLICATING MATERIALS, ETC.—continued.						
†2615. Oil, Typewriter, in bottles, 2 ozs.	Aust.	100 bots.	bottle	0	0 6	Spicers & Detmold Ltd.
†2616. Stencils, Folio, Indestructible, for Edison Mimeograph	U.S.A.	} 700 quires	quire	0	16 0	Stott & Hoare Pty. Ltd.
†2616A. Stencils, Folio, Indestructible, for Edison Mimeograph, "Hallmark"	Aust.		do.	0	7 6	} Ramsay & Hall Ltd.
†2617. Stencils, Folio, Indestructible, for Edison Mimeograph, second quality, "Hallmark"	"	100 "	do.	0	5 0	
†2618. Stencils, Quarto, Indestructible, for Edison Mimeograph	U.S.A.	} 400 "	do.	0	13 9	Stott & Hoare Pty. Ltd.
†2618A. Stencils, Quarto, Indestructible, for Edison, Mimeograph, "Hallmark"	Aust.		do.	0	7 6	} Ramsay & Hall Pty. Ltd.
†2618B. Stencils, Folio, Indestructible for Gestetner Rotary, "Hallmark"	"	100 "	do.	0	7 6	
Ribbons, Typewriter, Copying, any colours, and suitable for any Machines, as ordered—"Hallmark"—						
†2619. Narrow, Plain	Aust.	1,800	dozen	0	18 0	} Ramsay & Hall Pty. Ltd.
†2620. Narrow, Bi-coloured	"	150	do.	0	18 0	
†2621. Broad, Plain	"	10	do.	1	2 0	

PRINTERS' INK, ETC.

The Ink to be supplied under Item 2623 shall not contain any Resin Oil Varnish.
As regards Item 2633—The jars are to be returned to Contractor.

Ink—						
†2622. Printing, Black, for Posters	Aust.	50 lbs.	lb.	0	1 0	} S. Cooke Pty. Ltd.
†2623. Printing, Black, Letterpress	"	800 "	do.	0	3 0	
†2624. Printing, Permanent Green, for Posters	"	12 "	do.	0	2 6	} R. Collie & Co. Pty. Ltd.
†2625. Printing, Permanent Blue, for Posters	"	12 "	do.	0	2 3	
†2626. Printing, Blue, Letterpress	"	10 "	do.	0	3 0	
†2627. Printing, Bronze Blue, Letterpress, in 1-lb. tins	"	5 "	do.	0	4 3	S. Cooke Pty. Ltd.
†2628. Printing, Litho., Black, 1st quality	"	15 "	do.	0	4 6	} R. Collie & Co. Pty. Ltd.
†2629. Printing, Permanent Red, for Posters	"	80 "	do.	0	2 3	
†2630. Printing, Red, Letterpress	"	100 "	do.	0	2 9	
†2631. Printing, Violet Copying	"	5 "	do.	0	12 6	S. Cooke Pty. Ltd.
†2632. Rulers' Gall, in gallon jars; jar supplied by Corporation	"	Nil.	gallon			Nil
†2633. Solution, Lye, in 1-gallon jars	Aust.	25 gals.	do.	0	3 6	S. Cooke Pty. Ltd.
†2634. Solution, Roller Wash, in 4-gallon tins	"	52 "	do.	0	4 6	R. Collie & Co. Pty. Ltd.
†2635. Varnish, Letterpress Lowering	"	30 "	do.	0	9 0	S. Cooke Pty. Ltd.
†2635A. Staples, No. 18, for No. 2 Acme Binder	"	200,000 No.	1,000			Nil

GUM AND INKS.

†2636. Gum, liquid, in 10-gallon kegs; empty kegs will be returned to the Contractor at the Spencer-street Store	Aust.	120 gals.	gallon	0	5 6	} Caldwell's Pty. Ltd.
Ink—						
†2637. Blue Black, in casks; empty casks will be returned to the Contractor at the Spencer-street Store	"	500 "	do.	0	2 6	} Spicers & Detmold Ltd.
†2638. Blue Black, in bottles, Imperial quarts	"	700 qrts.	quart	0	1 3	
†2639. Blue Black, Copying, Imperial quarts	"	150 "	do.	0	2 0	} Nil
†2640. Blue Black, Copying, Imperial pints	"	700 pts.	pint	0	1 2	
†2641. Violet Black, Copying, Imperial quarts	"	20 qrts.	quart			
†2642. Blue, 12-oz. bottles	"	300 bots.	bottle			
†2643. Green, 12-oz. bottles	Aust.	100 "	do.	0	0 9	Spicers & Detmold Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
GUM, AND INKS—continued.					
Ink—continued.					
†2644. Red, 4-oz. bottles .. .. .	..	800 bots.	bottle	..	} Nil
†2645. Red, 6-oz. bottles .. .. .	..	800 "	do.	..	
†2646. Violet, 12-oz. bottles	Aust.	25 "	do.	0 0 8	} Spicers & Detmold Ltd.
†2647. Indiarubber Stamp, any colours ordered, 2-oz. bottles	"	150 "	do.	0 0 7	
†2648. Metal Stamp, blue (bottles), "Stanley's"	"	10 "	do.	0 1 2	} Sands & McDougall Pty. Ltd.
†2649. Metal Stamp, black (bottles) "Stanley's"	"	10 "	do.	0 1 2	
†2650. Fountain Pen	"	50 "	do.	0 0 4	Spicers & Detmold Ltd.

PENS, PENCILS, ETC.

Bands, Elastic, extra strong, ½-gross boxes—					
*2651. No. 5	Aust.	30 boxes	box	0 2 9	} Dunlop Rubber Co. of Aust. Ltd
*2652. No. 6	"	30 "	do.	0 3 3	
†2653. Bands, Elastic, extra large, grey	"	120 doz.	dozen	0 2 9	} Spicers & Detmold Ltd.
†2654. Bands, Elastic, thin, small	"	50 gross	gross	0 1 10	
†2655. Bodkins, or Piercers, as ordered	Gt. Brit.	200	each	0 0 9	} Robertson & Mullens Ltd.
†2656. Bowls, Glass, 4" at top, with sponge	U.S.A.	60	do.	0 1 8	
2657 Clips, Bulldog, 2½"	Gt. Brit.	3,000	do.	0 0 2	
†2658. Cloths, for Copying Baths, 15½" x 10½" with selvage	} 26 doz.	dozen	..	} Nil
†2659. Cloths, for Copying Baths, 14½" x 9½" without selvage, "Blue"	Gt. Brit.			do.		0 6 0
†2660. Cloths, for Copying Baths, 18" x 11" with selvage	} 20 "	do.	..	} Nil
†2661. Cloths, for Copying Baths, 17" x 10" without selvage			do.	
†2662. Crayons, Pencil, solid, any colour ordered	Aust.	1,000 doz.	do.	0 0 11½	} Spicers & Detmold Ltd.
†2663. Crayons, School, white, "Britannia Cosmic," No. 300	Gt. Brit.	100 boxes	box	0 1 3	
†2664. Erasers, Ink and Pencil, small	"	100 doz.	dozen	0 1 6½	} John Dickinson & Co. (Aust.) Ltd.
†2665. Erasers, Ink and Pencil, large .. .. .	..	5 "	do.	..
†2666. Erasers, I.R., pink, pliable, 12, 18, 24, 36, 48 to the lb.	Gt. Brit.	120 lbs.	lb.	0 2 3½	} Robertson & Mullens Ltd.
†2667. Erasers, I.R., green, large, "Emerald"	U.S.A.	100 "	dozen	0 4 3	
*2668. Eyelets, in boxes of 1,000	Gt. Brit.	10 boxes	box	0 2 0	Sands & McDougall Pty. Ltd.
2669. Fasteners, Paper, ordinary, "Micro"	"	50 "	do.	0 0 3	} Spicers & Detmold Ltd.
2670. Fasteners, Paper, ordinary, S.00	"	5 "	do.	0 0 3½	
2671. Fasteners, Paper, " S.0	"	5 "	do.	0 0 3½	
2672. Fasteners, Paper, " S.1	"	400 "	do.	0 0 4½	
†2673. Fasteners, Paper, " S.2	"	350 "	do.	0 0 4½	
2674. Fasteners, Paper, " S.3	"	400 "	do.	0 0 5½	
2675. Fasteners, Paper, " S.4	"	400 "	do.	0 0 6½	
2676. Fasteners, Paper, " S.5	"	100 "	do.	0 0 7½	
2677. Fasteners, Paper, " S.6	"	50 "	do.	0 0 8½	
†2678. Fasteners, Paper, " S.7	"	5 "	do.	0 0 9	
†2679. Fasteners, Paper, " S.8	"	50 "	do.	0 1 3	} Robertson & Mullens Ltd.
†2680. Fasteners, Paper, " S.9	"	5 "	do.	0 1 6	
2681. Fasteners, Paper, " S.10	"	40 "	do.	0 1 11	} E. P. Briginshaw "
2682. Fasteners, Paper, " S.11	"	5 "	do.	0 2 3	
2683. Fasteners, Paper, " S.12	"	50 "	do.	0 2 7	
*2684. Files, Foolscap, apron	Aust.	20	each	0 1 6	} Sands & McDougall Pty Ltd.
*2685. Files, Foolscap, clip	"	150	do.	0 1 8	
†2686. Gum Art	U.S.A.	20 lbs.	lb.	0 3 6	
Gum. Strong Liquid—					
†2687. 4-oz. bottles	Nil	bottle	..	} Nil
†2688. 6-oz. bottles .. .. .	..	"	do.	..

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per	Rate.	Name of Contractor.
				£ s. d.	
PENS, PENCILS, ETC.—continued.					
†2689. Holders, Pen, small, No. 101, Taper, 6", "Cumberland"	Gt. Brit.	200 gross	gross	0 6 0	Robertson & Mul-lens Ltd.
†2690. Inkstands, Glass, round, 4"	"	300	each	0 1 10	Sands & McDou-gall Pty. Ltd.
†2691. Pads, Blotting, 23" x 18", with corners ..	Aust.	80	do.	0 3 6	} Spicers & Det-mold Ltd.
*2692. Pads, Blotting, 23" x 18", plain ..	"	10	do.	0 2 0	
2693. Pads, Blotting, Frame, Russian leather corners	"	5	do.	..	Nil
†2694. Pencils, Coloured, Red, Blue, or Green, as ordered, "Perfect"	Gt. Brit.	1,000 doz.	dozen	0 2 10½	Spicers & Detmold Ltd.
†2694A. Pencils, Black, thick, "Perfect" No. 354	"	200 "	do.	0 2 11½	E. P. Briginshaw
†2695. Pencils, Office "Britannia"	"	2,700 "	do.	0 0 6	Sands & McDou-gall Pty. Ltd.
†2696. Pencils, Red and Blue combined "Sun" Pencils, Drawing, as ordered— Grade No. Brand.	"	150 "	do.	0 1 4	R. E. Mustow
†2697. B, "Turquoise" Hex	"	} 1,500 doz.	do.	0 1 10	} W. & G. Dean Pty. Ltd.
†2698. BB, "Turquoise" Hex	"		do.	0 1 10	
†2699. HB, "Turquoise" Hex	"		do.	0 1 10	
†2700. F, "Turquoise" Hex	"		do.	0 1 10	
†2701. H, "Turquoise" Hex	"		do.	0 1 10	
†2702. HH, "Turquoise" Hex	"		do.	0 1 10	
†2703. HHH, "Turquoise" Hex	"		do.	0 1 10	
†2704. Pencils, Copying— "Eureka" 348. Eagle Pencil Co.	"	1,000 doz.	dozen	0 1 2½	John Dickinson & Co. (Aust.) Ltd.
†2705-2710. Nil					
2711. Pencils, Slate, best round, in boxes of 100	U.S.A.	3 boxes	box	0 1 0	Sands & McDou-gall Pty. Ltd.
2712. Pens, Lithographic, on card of 12, Gillott's, No. 290	Gt. Brit.	12 cards	card	0 1 5½	} Sands & McDou-gall Pty. Ltd.
2713. Pens, Lithographic, on card of 12, Crow Quill, No. 659	"	12 "	do.	0 1 5½	
Pens, Nibs, in boxes of 1 gross— Name of Manufacturer. Brand.					
†2714. Brandeurs "Times"	"	} 1,500	box	0 3 10	} John Dickinson & Co. (Aust.) Ltd.
†2715. Brandeurs "Mail"	"		do.	0 3 10	
†2716. Brandeurs "Scribbler"	"		do.	0 2 11	
†2717. Brandeurs "Herald"	"		do.	0 2 2½	
†2718. Hinks Wells No. 9 Steel	"		do.	0 1 2½	Robertson & Mul-lens Ltd.
†2719-2726. Nil					
Pens, Nibs, Gilt, in box of 1 Gross— Name of Manufacturer. Brand.					
†2727. Leonardts 516 E.F.	"	} 500 bxs.	box	0 5 0	} Spicers & Det-mold Ltd.
†2728. Leonardts 526 F.	"		do.	0 5 0	
†2729. Esterbrooks "Relief"	U.S.A.		do.	0 3 5		R. E. Mustow
†2730-2734. Nil					
†2735. Pins, Best Drawing, extra large	Gt. Brit.	400 doz.	doz.	0 0 10	Sands & McDou-gall Pty. Ltd.
†2736. Pins, Best Drawing, medium, ½" split	"	400 "	gross	0 0 10¾	R. C. Paterson & Co. Pty. Ltd.
†2737. Pins, Best Drawing, small, No. 357, in boxes of 100	"	500 "	box.	0 0 5	} E. P. Briginshaw
†2738. Pins, Best. London, mixed, in loz. packets, brass	"	800 lbs.	lb.	0 2 3	
†2739. Rulers, Flat, 15", Brass edge	U.S.A.	300	each	0 0 7	Sands & McDou-gall Pty. Ltd.
†2740. Seals, Red	Gt. Brit.	10 boxes	box	0 0 5	Spicers & Detmold Ltd.
†2741. Slates, in frame, wire-bound, 12" x 8"	"	Nil	each	..	} Nil
†2742. Slates, in frame, wire-bound, 14" x 10"	"	Nil	do.	..	
2743. Sponges, for 4" bowls	U.S.A.	200	do.	0 0 4		} Spicers & Det-mold Ltd.
†2744. Wax, Sealing, Red, "Rajah"	Aust.	160 lbs.	lb.	0 2 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
PENS, PENCILS, ETC.—continued.					
*2745. Wells, Water	Gt. Brit.	75	each	0 4 5	Sands & McDougall Pty. Ltd. Spicers & Detmold Ltd. Sands & McDougall Pty. Ltd.
†2745A. Binders, Instantaneous, foolscap	"	100	do.	0 2 3	
†2745B. Binders, Instantaneous, large quarto	"	10	do.	0 2 1	
†2745C. Binders, Instantaneous, small quarto	"	50	do.	0 1 10	

ARTISTS' COLOURS, ETC.

Name of Manufacturers—

Items 2746, 2755, 2758, and 2767—Winsor & Newtons.

Items 2747-2754, 2756, and 2759-2765—Reeves.

Item 2766—Higgins.

2746. Colours, Blue, Antwerp	Gt. Brit.	15 cakes	cake	0 0 8½	R. C. Paterson & Co Pty. Ltd.
2747. Colours, Blue, French	"	25 sticks	stick	0 1 0	
2748. Colours, Blue, Prussian	"	20 "	do.	0 1 0	
2749. Colours, Brown, Madder	"	5 "	do.	0 1 0	
2750. Colours, Carmine	"	30 "	do.	0 1 0	
2751. Colours, Crimson Lake	"	20 "	do.	0 1 0	
2752. Colours, Cobalt	"	15 "	do.	0 1 0	
2753. Colours, Gamboge	"	30 "	do.	0 1 0	
2754. Colours, Green, Emerald	"	15 "	do.	0 1 0	
2755. Colours, Green, Hooker's, No. 1	"	5 cakes	cake	0 0 8½	
2756. Colours, Green, Hooker's, No. 2	"	30 sticks	stick	0 1 0	
2757. Colours, Grey, "Payne's"	"	20 "	do.	0 1 0	
2758. Colours, Indian Ink, No. 2A	China	16 ozs.	oz.	0 1 3½	
2759. Colours, Neutral Tint	Gt. Brit.	30 sticks	stick	0 1 0	
2760. Colours, Sepia	"	15 "	do.	0 1 0	
2761. Colours, Sienna, Burnt	"	40 "	do.	0 1 0	
2762. Colours, Scarlet Lake	"	5 "	do.	0 1 0	
2763. Colours, Vermilion	"	100 "	do.	0 1 0	
2764. Colours, White, Chinese	"	30 bots.	bottle	0 0 7½	
2765. Colours, Yellow Ochre	"	5 sticks	stick	0 1 0	
2766. Colours, Liquid, Indian Ink, Black 1 oz. bottles (Higgins)	U.S.A.	600 bots.	bottle	0 1 2½	W. & G. Dean Pty. Ltd.
2767. Colours, in the maximum quantities shown below—					
Carmine, 132 bottles	Gt. Brit.	250 bots.	bottle	0 0 8	E. P. Briginshaw
Vermilion, 48 bottles					
Prussian Blue, 120 bottles					
Violet, 36 bottles					
Scarlet, 48 bottles					
Cobalt, 48 bottles					
Green, 12 bottles					
*2768. Palettes, in nests	Gt. Brit.	20 nests	nest	0 3 3	R. C. Paterson & Co. Pty. Ltd.

STAMPS, ETC.

The measurement of all Stamps shall be the "Die" Measurement, and the maximum length of any letter shall not exceed ½ inch.

Name of Manufacturer—

Items 2790-2791A—The Dalma Ink Pad Manufg. Co.

*2769. Faces, Rubber, for Stamps, lettered "V.R., cancelled"	Aust.	600	each	0 0 3½	E. P. Briginshaw
*2770. Faces, Rubber, for Stamps, lettered "Week-end"	"	100	do.	0 0 3	
*2771. Faces, Rubber, for Stamps (Goods Clean Receipt)	"	60	do.	0 0 9	
*2772. Faces, Rubber, for Stamps (Goods more or less Receipt)	"	10	do.	0 0 9	
*2773. Figures, Rubber, insets	"	200 sets	set	Nil
*2774. Holders, Brass, for rubber type	"	200	each	.. .. .

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
STAMPS, ETC.—continued.					
Refacing Rubber Stamps, including supply of new pad, all types—					
2775. Oblong, up to 2", as ordered .. .. .	..	900 lines	line	..	Nil
2776. Oblong, over 2" .. .. .	..	250 inches of line	inch of line	..	
2777. Circular or oval, and up to 1½", as ordered .. .. .	..	20	each	..	
2778. Circular or oval, and over 1½", as ordered .. .. .	..	200 ins.	½ inch	..	Spicers & Detmold Ltd.
†2779. Stamps, Dating, No. 1½	U.S.A.	450	each	0 0 11	
†2779A. Stamps, Dating, No. 2	"		do.	0 1 6	E. P. Briginshaw
Stamps, Rubber, oblong, wooden handle, with wooden back, all types—					
* 2780. Up to 2", as ordered	Aust.	800 lines	line	0 1 2	E. L. Morton
* 2781. Over 2"	"	2,000 ins. of line	inch of line	0 0 9	
Stamps, Rubber, circular or oval, as ordered, wooden handle with wooden backs, all types—					
† 2782. Up to 1½", as ordered	"	25	each	0 2 6	E. P. Briginshaw
2783. Over 1½", as ordered	"	500 ins.	½ inch	0 1 3	
2784. Stamps, Rubber, self-inking, 1½" x ¾", with rubber face	U.S.A. & Aust.	50	each	0 7 6	E. P. Briginshaw
† 2785. Stamps, Rubber, self-inking, 1½" x ¾", with rubber face	"	25	do.	0 8 0	
Stamps, Rubber, self-inking, nickel—					
2786. Oblong or round, as ordered, up to 2", as ordered .. .. .	..	50	do.	..	Nil
† 2787. Oblong or round, as ordered, over 2" to 3", as ordered .. .. .	..	10	do.	..	
2788. Oblong or round, as ordered, over 3" to 4", as ordered .. .. .	..	5	do.	..	
†2789. Stamps, Rubber, non self-inking, nickel, dating, with rubber face	U.S.A. & Aust.	50	do.	0 8 0	E. P. Briginshaw
† 2790. Pads, Self-inking, Dalma, No. 1, any colour ordered	Aust.	500	do.	0 1 1	W. Pfiel
† 2791. Pads, Self-inking, Dalma, No. 2, any colour ordered	"	150	do.	0 1 6½	
†2791A. Pads, Self-inking, No. 1 (not inked) Dalma	"	1,000	do.	0 0 9	

ENAMEL LETTERS, ETC.

The sample exhibited by the Corporation for Item 2805 is a sample as regards shape and quality of Plate only. The accepted samples for Items 2792-2804 shall be deemed to be samples as regards shape and quality only.

Fingers, Index, Enamel—					
† 2792. 4"	Nil.	each	..	Nil
2793. 6" .. .. .	..	"	do.	..
Figures, Enamel, any Figures ordered—					
2794. 2"	"	do.	..	Nil
† 2795. 2½" .. .. .	..	"	do.	..
2796. 3" .. .. .	..	"	do.	..
2797. 4" .. .. .	..	"	do.	..
2798. 6" .. .. .	..	"	do.	..
Letters, Enamel, any Letters ordered—					
2799. 1½"	"	do.	..	Nil
2800. 2" .. .. .	..	"	do.	..
† 2801. 2½" .. .. .	..	"	do.	..
2802. 3" .. .. .	..	"	do.	..
2803. 4" .. .. .	..	"	do.	..
2804. 6" .. .. .	..	"	do.	..
*2805. Plates, Number, any Nos. ordered	500 figures	figure	..	

PHOTOGRAPHIC MATERIALS.

Chemicals, Pure—					
2806. Acid, Acetic (Glacial)	Aust.	10 lbs.	lb.	0 4 6	Felton, Grimwade & Co. Pty. Ltd
2807. Acid, Citric	Gt. Brit.	5 "	do.	0 1 8	
2808. Alcohol, Absolute	Aust.	5 "	do.	0 9 6	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
PHOTOGRAPHIC MATERIALS—continued.					
Chemicals, Pure—continued.					
2809. Amidol, or any substitute	Gt. Brit.	5 lbs.	lb.	0 17 6	Kodak (Aust.) Pty. Ltd.
2810. Ammonium Chloride, pure powder ..	"	5 "	do.	0 0 9	Felton, Grimwade & Co. Pty. Ltd.
2811. Ammonium Iodide	"	10 "	do.	1 5 0	H. B. Selby & Co.
2812. Amylum, Pulv:	Aust.	10 "	do.	0 0 7	Felton, Grimwade & Co. Pty. Ltd.
2813. Cadmium, Bromide	Gt. Brit.	5 "	do.	0 12 0	H. B. Selby & Co.
2814. Cadmium, Iodide	"	5 "	do.	1 5 6	Felton, Grimwade & Co. Pty. Ltd.
2815. Chrome, Alum	"	40 "	do.	0 0 8	H. B. Selby & Co.
2816. Collodion, 2 per cent. enamel, in drums of 28 lbs.	"	5 drums	drum	..	Nil
2817. Copper, Sulphate of	Gt. Brit.	10 lbs.	lb.	0 0 5	Felton, Grimwade & Co. Pty. Ltd.
2818. Dextrine, White	U.S.A.	130 "	do.	0 0 6	Felton, Grimwade & Co. Pty. Ltd.
2819. Dry Mounting Tissue, 24 x 20	Aust.	2 reams	ream	6 0 0	Kodak (Aust.) Pty. Ltd.
2820. Dry Mounting Tissue, 8½ x 6½, in boxes of 1 gross	"	5 gross	gross	0 6 7	Felton, Grimwade & Co. Pty. Ltd.
2821. Ether, Sulphuric	"	10 lbs.	lb.	0 2 1	Kodak (Aust.) Pty. Ltd.
2822. Iodine (Resublimed)	Gt. Brit.	5 "	do.	1 2 0	
2823. Iron, Sulphate of, Pure	"	10 "	do.	0 0 5	
2824. Mercury, Bichloride	"	5 "	do.	0 4 11	Felton, Grimwade & Co. Pty. Ltd.
2825. Potass., Bichromate	"	10 "	do.	0 0 9	
2826. Potassium, Iodide	"	5 "	do.	0 18 6	
2827. Potass., Bromide	"	15 "	do.	0 1 0½	
2828. Potass., Metabisulphite	"	5 "	do.	0 1 3	
2829. Potass., Permanganate	"	5 "	do.	0 1 0	
2830. Soda, Hyposulphite	Aust.	5 cwt.	cwt.	1 2 6	Kodak (Aust.) Pty. Ltd.
2831. Soda, Sulphide	Gt. Brit.	15 lbs.	lb.	0 2 0	Felton, Grimwade & Co. Pty. Ltd.
2832. Soda, Sulphite (Anhydrous)	Aust.	200 "	do.	0 0 7	H. B. Selby & Co.
2833. Soda, Carb.	Gt. Brit.	450 "	do.	0 0 5	Kodak (Aust.) Pty. Ltd.
2834. Oil of Cloves	"	5 "	do.	0 9 9	
2835. Measures, Glass, 2 oz.	"	5 "	each	0 1 0	Felton, Grimwade & Co. Pty. Ltd.
2836. Measures, Glass, 10 oz.	"	5 "	do.	0 1 11	
2837. Measures, Glass, 20 oz.	"	5 "	do.	0 2 6	
Paper, Bromide, any surface ordered—					
2838. 25' long x 25" wide	Aust.	60 rolls	roll	1 0 6	
2839. 25' long x 30" wide	"	10 "	do.	1 5 7	
2840. 18" x 16"	"	5 gross	gross	5 15 7	
2841. 28" x 16"	"	5 "	do.	8 18 5	
2841A. 25" x 14½"	"	5 "	do.	7 4 0	
2842. 20" x 16"	"	5 "	do.	6 7 3	
2842A. 15½" x 12½"	"	5 "	do.	3 16 9	
2843. 6½" x 4½"	"	5 "	do.	0 12 3	
2844. 8½" x 6½"	"	70 "	do.	1 2 0	
2845. 12½" x 10½"	"	15 "	do.	2 11 11	
Plates, Photographic; Dry, Orthochromatic, backed—					
2846. 1½"	"	10 doz. plates	dozen	0 2 1	Kodak (Aust.) Pty. Ltd.
2847. 2"	"	80 "	do.	0 4 10	
2848. 2½"	"	20 "	do.	0 8 5	
2849. 12" x 10" Photographic Plates, Dry, unbacked	"	5 "	do.	0 19 0	
2850. Plates, Photo. Process, 1"	"	20 "	do.	0 8 6	
2851. Plates, Lantern, 3½" x 3½"	"	25 gross	gross	1 1 11	
Spools, Film, Photographic Roll—					
2852. 3½" x 4½", 6 exposures	"	60 rolls	roll	0 1 5	
2853. 2½" x 3½", 6 exposures	"	75 "	do.	0 0 10	
2854. 3½" x 5½", 8 exposures	"	40 "	do.	0 1 8	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
DRYSALTERIES, CHEMICALS, ETC.—continued.					
<i>ACID—continued.</i>					
2857. Boracic	Gt. Brit.	100 lbs.	lb.	0 0 8	} Felton, Grimwade & Co. Pty. Ltd.
2858. Gallic	"	20 "	do.	0 4 2	
2859. Hydrochloric, chemically pure, in Winchester quarts	Aust.	200 "	do.	0 1 6	
2859A. Molybdic	Gt. Brit.	5 "	do.	0 9 6	
2860. Muriatic, Hydrochloric, or Spirits of Salts, as ordered, in Winchester quarts	Aust.	10 cwt.	cwt.	1 6 6	W. & G. Dean Pty. Ltd.
2861. Muriatic, Hydrochloric, or Spirits of Salts, as ordered, in lots of not less than 19 jars	"	200 "	do.	1 3 4	Felton, Grimwade & Co. Pty. Ltd.
2862. Nitric, in Winchester quarts	"	110 lbs.	lb.	0 1 0	W. & G. Dean Pty. Ltd.
2863. Nitric, in jars, 6 to 18 jars	"	500 "	do.	0 0 8	} Felton, Grimwade & Co. Pty. Ltd.
2863A. Nitric, in jars, 19 jars and over	"			0 0 7½	
2864. Nitric, chemically pure	"	100 "	do.	0 2 0	
2865. Oxalic	Norway	100 "	do.	0 0 7½	J. Hardie & Co. Pty. Ltd.
2866. Sulphuric, in Winchester quarts	Aust.	250 "	do.	0 0 4	} W. & G. Dean Pty. Ltd.
2867. Sulphuric, in jars	"	1,200 "	do.	0 0 2½	
2868. Sulphuric, in 3 gallon jars, for storage batteries, delivered ex Contractor's works	"	20 tons	ton*	12 10 0	Cuming Smith, & Co. Pty. Ltd.
2869. Sulphuric, chemically pure, in ½-gallon stoppered bottles, each containing 9 lbs.	"	99 lbs.	lb.	0 1 6	} Felton, Grimwade & Co. Pty. Ltd.
2869A. Tartaric	Gt. Brit.	5 "	do.	0 1 7	
2870. White, in bottles supplied by the Corporation	"	50 "	do.	Nil	
2871. Alcohol, 90 per cent., "Crooke"	Aust.	5 gals.	gallon	2 6 0	Roche, Tompsitt & Co. Pty. Ltd.
2872. Alum, Lump, "Crooke"	Gt. Brit.	150 lbs.	lb.	0 0 3	W. & G. Dean Pty. Ltd.
2873. Ammonia, Liquid, 880 sp., in Winchester quarts	Aust.	250 "	do.	0 0 6½	Roche, Tompsitt & Co. Pty. Ltd.
2874. Ammonia, Liquid, 880 sp., chemically pure	"	60 "	do.	Nil	
2875. Ammon. Hydro. Sulph.	Gt. Brit.	10 "	do.	0 2 6	} Felton, Grimwade & Co. Pty. Ltd.
2876. Borax, Lump	"	50 cwt.	cwt.	1 12 6	
2877. Borax, Powdered	"	200 lbs.	lb.	0 0 4	W. & G. Dean Pty. Ltd.
2878. Calcium Chloride, in about 5-cwt. drums	"	5 tons	ton	9 5 0	Felton, Grimwade & Co. Pty. Ltd.
2879. Calcium Carbide, Lump, in about 2-cwt. drums, 50/80	"	60 "	"	Nil	
2880. Calcium Carbide, Granulated, in drums, 4/7	"	15 "	do.	Nil	
2881. Candles, Sulphur, "Turner's"	Aust.	50 lbs.	lb.	0 0 8	} Roche, Tompsitt & Co. Pty. Ltd.
2882. Camphor	Japan	15 "	do.	0 4 11	
2883. Carbon, Bi-Sulph.	"	300 gals.	gallon	Nil	
2884. Chloroform, in 1-lb. bottles	Gt. Brit.	20 lbs.	lb.	0 3 3	Roche, Tompsitt & Co. Pty. Ltd.
2885. Ferrous, Sulphide	"	5 "	do.	0 0 7	} Felton, Grimwade & Co. Pty. Ltd.
2886. Formalin, Liquid	Aust.	150 "	do.	0 1 10	
2887. Gum, Arabic	Soudan	30 "	do.	0 0 10	
2888. Lime, Chloride of, in 7-lb. or 14-lb. tins, as ordered	Gt. Brit.	21 "	do.	0 0 7	
2889. Oil, Carbolic	Aust.	10 "	do.	0 1 3	Roche, Tompsitt & Co. Pty. Ltd.
†2890. Muriate of Ammonia (Sal Ammoniac)	Aust.	10 cwt.	cwt.	2 2 6	} Laughlin, Drake & Hesketh Pty. Ltd.
†2891. Muriate of Ammonia (Voldoids)	"	40 "	do.	3 5 0	
†2892. Powder, Carbolic, 10 per cent. "Bradbury"	"	5 "	do.	0 8 6	Aust. Chemical Manufg. Co.
2893. Potash, Lump	Czecho-Slov.	1 "	do.	2 12 0	J. Hardie & Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
DRYSALTERIES, CHEMICALS, ETC.—continued.					
2894. Potash, Prussiate of	Gt. Brit.	300 lbs.	lb.	0 1 3	W. & G. Dean Pty. Ltd.
2895. Potass Chloras Crystals, P.B.	Norway	5 „	do.	0 0 6	Felton, Grimwade & Co. Pty. Ltd.
2896. Potassa Sulphurata	Gt. Brit.	15 „	do.	0 0 10	
2897. Potassium, Hydrate, pure	Norway	50 „	do.	0 2 5	
2898. Quicksilver	Spain	100 „	do.	0 2 11½	
2899. Salt, Common white	Aust.	60 cwt.	cwt.	0 5 0	Laughlin, Drake & Hesketh Pty. Ltd.
2900. Shellac, Orange, white or brown, as ordered	India	700 lbs.	lb.	0 3 1	J. Hardie & Co. Pty. Ltd.
2900A. Shellac, Button, for French Polishing	„	56 „	do.	0 3 6	W. & G. Dean Pty. Ltd.
2901. Silver, Nitrate of, Crystal	Aust.	30 „	do.	2 4 0	Felton, Grimwade & Co. Pty. Ltd.
2901A. Silica, Precipitated	Gt. Brit.	2 „	do.	0 2 6	Rocke, Tompsitt & Co. Pty. Ltd.
†2902. Soda, Caustic, Lump, 70 per cent., in drums	„	30 tons	ton	21 0 0	J. Hardie & Co. Pty. Ltd.
†2903. Soda, Caustic, Liquid, approx. 50 per cent., in drums	„	5 „	do.	.. .	Nil
2904. Sodium, Hydrate, pure	Gt. Brit.	5 lbs.	lb.	0 2 5	Felton, Grimwade & Co. Pty. Ltd.
2905. Sodium, Bi-Carbonate, chemically pure	„	120 „	do.	0 0 4	J. Hardie & Co. Pty. Ltd.
2905A. Sulphur, Crude	New Zealand	50 „	do.	0 0 3	H. B. Selby & Co.
2906. Sulphur, Flowers of	Italy	200 „	do.	0 0 1½	Rocke, Tompsitt & Co. Pty. Ltd.
2907. Tubes, Glass, charged with 65 per cent. Sulphuric Acid, with blue bead, for Conical Fire Extinguishers	Aust.	1,500	each	0 1 0	Felton, Grimwade & Co. Pty. Ltd.
2908. Tubes, Glass, charged with 90 per cent. Sulphuric Acid, with red bead, for Cylindrical Fire Extinguishers			do.	0 1 0	
†2909. Vaseline “Blond Petrolatum” in barrels or 36lb. tins	U.S.A.	900 lbs.	lb.	0 0 4½	Vacuum Oil Co. Pty. Ltd.
†2910. Vaseline, Pure “Blond Petrolatum” in barrels or 36lb. tins				0 0 4½	
2910A. Sulphurata (see item No. 2896.)	„	10 „	do.	.. .	Nil

AMBULANCE MATERIAL.

2911. Acid Carbohc Cystals (pure Welsh)	Gt. Brit.	3 lbs.	lb.	0 2 3	Rocke, Tompsitt & Co. Pty. Ltd.
2912. „ Picric	„	5 „	do.	0 4 4	Felton, Grimwade & Co. Pty. Ltd.
2913. Ammonia, Liquid, 880 (in bulk)	Aust.	5 gals.	gal.	0 5 6	Rocke, Tompsitt & Co. Pty. Ltd.
†2914. Ammonia, Vaporole (12 in tin)	„	40 doz. tins	doz. tins	.. .	Nil
2915. Antiphlogistine (substitute), Hospital size (5-lb. tins)	Aust.	50 tins	tin	0 6 0	Felton, Grimwade & Co. Pty. Ltd.
2916. Arnica (in bulk)	„	5 lbs.	lb.	0 3 10	
2917. Aspirin, 5-gr. tablets (500 in bottle)	„	5 bottles	bottle	0 3 3	
2918. Balsam, Friar's (with Methylated Spirits) (in bulk)	„	100 gals.	gal.	1 0 0	Rocke, Tompsitt & Co. Pty. Ltd.
2919. Bandages, Calico, Roller, 3" x 6 yds. long	Gt. Brit.	500 doz.	dozen	0 3 6	Hicks, Atkinson & Son Pty. Ltd.
2920. Bandages, Calico, Roller, 2" x 6 yds. long			do.	0 2 4	
2921. Bandages, Calico, Roller, 1" x 6 yds. long			do.	0 1 0	
2922. Bandages, Open Wove, Roller, 3" x 6 yds. long			do.	0 2 11	
2923. Bandages, Open Wove, Roller, 2" x 6 yds. long	„	100 „	do.	0 2 3	Hicks, Atkinson & Son Pty. Ltd.
2924. Bandages Open Wove, Roller, 1" x 6 yds. long	„	50 „	do.	0 1 1	
2925. Bandages, Calico, Triangular, in packets of 6 each	Gt. Brit. and Aust.	500 pckts.	packet	0 2 11	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
AMBULANCE MATERIAL—continued.					
2925A. Basin, Enamelled, Kidney, 9"	..	30 No.	each	..	} Nil
2926. Boxes, Cardboard, 7 $\frac{1}{4}$ " x 4 $\frac{1}{4}$ " x 2 $\frac{3}{4}$ "	..	6 gross	gross	..	
2926A. " Corrugated Cardboard	..	5 "	do.	..	
2927. Boracic Dusters (1-oz. sprinklers)	..	3 "	do.	..	
2927A. Boracic Dusters (2-oz. sprinklers)	..	1 "	do.	..	
*2928. Bottles, 2 drs.	Aust.	3 "	do.	0 5 0	Rocke, Tompsitt & Co. Pty. Ltd.
*2929. " 1 oz. (square)	Japan	10 "	do.	0 11 6	} Felton, Grimwade & Co. Pty. Ltd.
*2930. Bottles, 2 oz. (square)	Aust.	5 "	do.	0 16 0	
*2931. " 4 oz. flat	"	3 "	do.	1 1 6	
*2932. " 8 oz. "	"	1 "	do.	1 9 9	
*2933. Brushes, Camel Hair, Duck	"	5 "	do.	0 6 0	
2934. Chloroform, 2-oz. bottles, hermetically sealed	..	30 bots.	bottle	..	Nil
2934A. Collodium (bulk)	Aust.	30 lbs.	lb.	0 2 11	Felton, Grimwade & Co. Pty. Ltd.
2935. Capping, Brown "Capsico"	Gt. Brit.	5 "	do.	0 1 6	Rocke, Tompsitt & Co. Pty. Ltd.
2936. " White do.	"	5 "	do.	0 1 9	Felton, Grimwade & Co. Pty. Ltd.
2937. Diarrhoea Mixture	Aust.	24 "	do.	0 3 6	Felton, Grimwade & Co. Pty. Ltd.
2938. Forceps, Artery	..	30 pairs	pair	..	Nil
2939. Forceps, Splinter, 4"	..	30 "	do.	..	Nil
2939A. Eye-shades (Celluloid)	Gt. Brit.	5 dozen	dozen	0 5 6	Felton, Grimwade & Co. Pty. Ltd.
2939B. Stalls, Finger, leather	Aust.	1 gross	gross	2 5 0	Felton, Grimwade & Co. Pty. Ltd.
2940. Gauze, Plain (Butter Cloth)	Gt. Brit.	600 yds.	yard	0 0 3 $\frac{1}{2}$	Hicks, Atkinson & Son Pty. Ltd.
2941. Gauze, Picric, in boxes of 12 each	..	20 boxes	box	..	Nil
2942. Ginger, Tincture of (bulk), B. P.	Aust.	8 gals.	gallon	3 12 0	Felton, Grimwade & Co. Pty. Ltd.
2942A. Glycerine (pure)	"	20 lbs.	lb.	0 1 11	Felton, Grimwade & Co. Pty. Ltd.
2943. Hair, Horse (in 1-oz. bronze tins)	..	200 tins	tin	..	Nil
2944. Iodine Crystals	Gt. Brit.	10 lbs.	lb.	1 2 6	Felton, Grimwade & Co. Pty. Ltd.
2945. Lime Chlorinated	"	30 lbs.	do.	0 0 6	Felton, Grimwade & Co. Pty. Ltd.
2946. Lint, Surgeons' (1-oz. packets) (plain)	..	3 gross	gross	1 15 6	} Hicks, Atkinson & Son Pty. Ltd.
2947. " " 1-lb. "	"	100 lbs.	lb.	0 2 9	
2948. " " 1-oz. packets, borated	"	1 gross	gross	1 4 0	
2949. " " 1-lb. "	"	50 lbs.	lb.	0 2 1	
2950. Magnesia Sulphate	Aust.	25 "	do.	0 0 1 $\frac{1}{2}$	Rocke, Tompsitt & Co. Pty. Ltd.
2951. Mugs, Enamelled, $\frac{1}{2}$ -pint	..	24 doz.	dozen	..	} Nil
2952. Needles, Surgeons' (half-curved) (6 in packet)	..	100 pkts.	packet	..	
2953. Oil, Olive (in 1-gal. tins)	France	3 gals.	gallon	0 12 6	} Rocke, Tompsitt & Co. Pty. Ltd.
2954. Oil, Carron (bulk)	Aust.	15 "	do.	0 4 6	
2955. Oil, Carbolic (bulk)	"	5 "	do.	0 9 6	
2955A. Oil, Castor (pure) (bulk)	"	3 "	do.	0 1 6	
2956. Peroxide of Hydrogen (bulk)	..	10 "	do.	0 7 3	Rocke, Tompsitt & Co. Pty. Ltd.
2957. Plaster, Adhesive, Zinc Oxide, 1 in. x 1 yd. St. Dalmas..	Gt. Brit.	8 gross	gross	1 18 0	} Felton, Grimwade & Co. Pty. Ltd.
2958. Plaster, Adhesive, Zinc Oxide, 1 in. x 10 yds., St. Dalmas..	"	2 "	do.	15 0 0	
2959. Plaster, Adhesive, Zinc Oxide, 2 in. x 10 yds., St. Dalmas..	"	12 doz.	dozen	1 19 0	
2960. Potash, Permanganate (bulk)	"	15 lbs.	lb.	0 1 2	
2961. Potassium, Iodide	"	10 "	do.	0 18 6	
2962. Plaster, Isinglass	..	5 yds.	yard	..	Nil
2963. Pins, Safety (assorted cards)	Gt. Brit.	50 gross	gross	0 0 10	Hicks, Atkinson & Son Pty. Ltd.
†2963A. Respirators	..	12 No.	each	..	Nil
2964. Sal. Volatile (in bulk)	Aust.	10 gals.	gallon	2 4 0	Felton, Grimwade & Co. Pty. Ltd.
2965. Scalpels	..	10 prs.	pair	..	Nil
†2966. Scissors, Surgeons'	Gt. Brit.	200 "	do.	0 3 0	Felton, Grimwade & Co. Pty. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
AMBULANCE MATERIALS—continued.					
2967. Lysol (Carboysl)	Aust.	28 lbs.	lb.	0 1 0	Rocke, Tompsitt & Co. Pty. Ltd.
2968. Silk Cards, Assorted		12 doz. cards	doz. cds.	.. ..	Nil
†2968A. Jars, Screw-top, 1-lb., square	Aust.	3 gross	gross	1 12 0	Rocke, Tompsitt & Co. Pty. Ltd.
2968B. „ „ (Mason's)		1 „	do.	.. ..	Nil
2968c. Jaconette	Gt. Brit.	30 lin. yds.	lin. yds.	0 2 4	Hicks, Atkinson & Son Pty. Ltd.
2969. Silk, Oil, 30 in. wide	„	10 lin. yds.	lin. yard	0 4 9	Felton, Grimwade & Co. Pty. Ltd.
2970. Snake-bite Antidote, "Lauder Brunton's" (metal tubes)	„	50 tubes	tube	0 1 3	Rocke, Tompsitt & Co. Pty. Ltd.
2970A. Soap, Carbolie (bars)		50 lbs.	bar	.. ..	Nil
* 2971. Stoppers (red rubber), soft, No. 2	Aust.	5 gross	gross	0 5 6	} Dunlop Rubber Co. of Aust. Ltd.
* 2972. Stoppers (red rubber), soft, No. 3	„	15 „	do.	0 6 1	
* 2973. Stoppers (red rubber), soft, No. 4	„	10 „	do.	0 7 0	
* 2974. Stoppers (red rubber), soft, No. 5	„	10 „	do.	0 7 11	
2974A. Stoppers (red rubber), soft, No. 6	„	5 „	do.	0 8 5	
2975. Syringes, Hypodermic, and tablets in metal case		20	each	.. ..	Nil
2976. Tabloids, Mercurio Potassium Iodide, 1.75 gr.	Gt. Brit.	50 bottles	bottle	0 1 4	Felton, Grimwade & Co. Pty. Ltd.
2977. Thread, Linen	„	30 reels	reel	0 1 11	} Hicks, Atkinson & Son Pty. Ltd.
2978. Towels, Surgeons'	Gt. Brit. & Aust.	30	each	0 1 5	
†2979. Washers, Rubber, large	Aust.	10 gross	gross	0 11 4	} Dunlop Rubber Co. of Aust. Ltd.
†2980. Washers, Rubber, small	„	20 „	do.	0 5 3	
2981. Wool, Surgeons', plain (1-oz. cartons)	Gt. Brit.	10 „	do.	1 7 6	} Hicks, Atkinson & Son Pty. Ltd.
2982. Wool, Surgeons', plain (2-oz. cartons)	„	5 „	do.	2 5 0	
2983. Wool, Surgeons', plain (4-oz. cartons)	„	5 „	do.	3 18 6	
2984. Wool, Surgeons', plain, 1-lb. pkts.	„	350 lbs.	lb.	0 1 7	
2985. Wool, Surgeons', Boracic (compressed), (8-oz. pkts.)	„	3 gross	gross	7 10 0	

ACETYLENE, CARBONIC ACID GAS, AND OXYGEN.

Specification for Acetylene—

The service comprises the supply and delivery as ordered, in steel cylinders, where directed at Flinders-street Station or elsewhere, of purified compressed Acetylene dissolved in acetone.

The Acetylene must be pure and dry.

Acetone must be genuine, free from all impurities, and when fully charged the quantity of acetone must be such that it does not completely fill the voids of the porous substance in the cylinder at a temperature of 150° Fahrenheit.

The Acetylene will be submitted to the following test. Cylinders for testing may be selected from each delivery:—

When the acetylene is played for 40 seconds on a piece of Blotting-paper saturated with a 5 per cent. solution of silver nitrate in water, the Blotting-paper shall not discolour.

The rate inserted for acetylene supplied in the Departmental cylinders shall include the maintenance of the cylinder valves, also re-acetoning of cylinders as required. The bulk of the Acetylene shall be supplied in cylinders containing six (6) kilogrammes of acetylene, but a small proportion of small cylinders may be used.

The empty Acetylene cylinders will be returned to Contractor at Spencer-street or Flinders-street Station.

The empty Carbonic Acid Gas cylinders will be returned to the Contractor at the Ice Works, Spencer-street Station Yard, and Metropolitan Ironwork's shops.

The Oxygen shall consist of gas compressed in cylinders to a pressure of not less than 120 atmospheres.

The Compressed Oxygen Gas shall be supplied in cylinders, containing six (6), twenty (20), forty (40), one hundred (100), or two hundred (200) cubic feet as ordered.

Oxygen taken from such cylinders comprised in each and every delivery, as the Chief Storekeeper may select, shall, when tested, fulfil the foregoing requirements.

Samples of Oxygen taken from such cylinders comprised in each and every delivery, as the Chief Storekeeper may select, shall, when subjected to analysis, contain not less than 98 per centum of oxygen.

As regards Items 2988 and 2989—Cylinders will be charged for when delivered and on return in good order and condition will be credited at same rate. Cylinders will be collected by Contractor.

No rent will be charged on cylinders, but any cylinder retained for a period in excess of six months must be paid for. On its return in good order and condition this deposit will be refunded.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.		Name of Contractor.	
				£	s. d.		
ACETYLENE, CARBONIC ACID GAS, AND OXYGEN—continued.							
2986. Acetylene, compressed, purified, in Departmental cylinders	Aust.	11,000 lbs.	lbs.	0	2	9	} Gardner, Waern & Co. Pty. Ltd.
2987. Acetylene, compressed, purified, in cylinders supplied by the Contractor	"		do.		0	2		10½
2988. Gas, Carbonic Acid, in steel cylinders, containing 56 lbs. of gas each	"	15,000 lbs.	lb.	0	0	4	} Australian Oxygen & Industrial Gases Pty. Ltd.
2989. Oxygen	"	1,000,000 cub. ft.	100 cub. ft.	0	5	10	

CORKS AND BOTTLING WAX.

†2990. Wax, Bottling, any colours ordered	Aust.	10 lbs.	lb.	0	0	5	} R. Montgomery & Co. Pty. Ltd.	
Corks—								
*2991. Axle-box, large	"	1,500 gross	gross	0	2	3		
*2992. Axle-box, small	"		do.		0	1		9
*2993. Bungs, 1½"	"	75 gross	do.	0	7	6		
*2994. Bungs, 1¾"	"		do.		0	7		6
*2995. Bungs, 1½"	"		do.		0	6		0
*2996. Phial	"		10 "	do.	0	1		6
*2997. Roof Lamp	"	5 "	do.	0	5	0		
*2998. Bungs, Wooden, 1½" to 2½", as ordered	"	5 "	do.	0	7	9		
*2999. Bungs, Wooden, 1½" to 1¾", as ordered	"		do.		0	6		9
*3000. Spiles, Wooden	"	10 "	do.	0	2	6		
*3001. Tits, large	"	25 "	do.	0	5	8		
*3002. Tits, medium	"		do.		0	5		2
*3003. Tits, small	"		do.		0	5	0	

EXPLOSIVES AND FOG SIGNALS.

TEST.—A proportion of the Fog Signals comprised in each delivery will be tested by immersion in water for 24 hours, and after such immersion they shall be capable of being exploded by being passed over by any railway truck pushed by hand or by any railway trolley loaded for the purpose. In the event of any proportion of the Fog Signals selected by the Chief Storekeeper from any delivery not fulfilling the aforesaid test to the satisfaction of the Chief Storekeeper, the whole delivery will be liable to rejection.

Name of Manufacturer—

Items 3004 and 3006—Nobel's Explosives Co. Ltd.

Item 3005—Bickford, Smith & Co.

Item 3007—Curtis's & Harvey Ltd. "Chilworth" (Nitrate of Potash).

Item 3008—Karrier Motors Ltd.

As regards Item 3004—The rate quoted is subject to a charge of 3s. repacking if taken in less than case lots of 5,000.

As regards Item 3005—The rate quoted is for case lots (300 coils), if any lesser quantity be ordered the rate shall be 10d. per coil.

Items 3004, 3006, and 3007 will be delivered into railway trucks at Laverton, and extra cartage rates for delivery per road to Melbourne and suburbs, are as follow:—

Item 3004—In quantities less than 500, 2s. 6d. per delivery; over 500, 3s. 6d. per delivery.

Item 3006—2s. 9d. per case.

Item 3007—½d. per lb.

Item 3008—No extra delivery charge.

EXPLOSIVES.

3004. Caps, No. 6, in boxes of 100	Gt. Brit.	200 boxes	1,000	3	5	0	Dalgety & Co. Ltd.
3005. Fuse, Patent Double Tape, in coils of 8 yards	Aust.	2,000 coils	coil	0	0	9	Mining Supplies Co.
3006. Gellignite, 50%	"	150 cases	case of 50 lb. not	2	15	0	McMicking & Co.
3007. Powder, Blasting, in 25-lb. kegs	Gt. Brit.	10,000 lbs.	100 lbs.	4	7	6	Mining Supplies Co.

FOG SIGNALS.

†3008. Signals, Fog (in paper cylinders of 1 dozen)	"	4,000 doz.	dozen	0	2	3	McKenzie & Holland (Aust.) Pty. Ltd.
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Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	

GOLD AND SILVER SYMBOLS FOR PERIODICAL TICKETS.

The samples exhibited by the Corporation for Items Nos. 3009 to 3014 inclusive are for quality, shape, and style of engraving, and the samples for Items Nos. 3015 and 3016 are for shape and style of engraving only. (The samples may be seen on application to the Office of the Auditor of Receipts, Railway Buildings, Flinders Street.)

The item in the Schedule named "Engraving" consists of the refilling of the existing name, &c., and engraving such words and figures as may be ordered.

The dies, which are the property of the Corporation, will be loaned to the Contractor "free of charge," and they shall be returned to the Auditor of Receipts on completion of the current order, or on demand, in good order and condition, and to the satisfaction of the Chief Storekeeper.

The gold used in the gold symbols shall be at least "9 carat," and the silver in the silver symbols at least equal to "coin silver," and the articles ordered and supplied under this Contract may be subjected to any test or tests which the Chief Storekeeper may direct.

*3009. All-lines Tickets (excluding engraving such words and figures as may be ordered) ..	Gold	Aust.	2	each	0 14 0	Kilpatrick & Co.
*3010. All-lines Tickets (excluding engraving such words and figures as may be ordered) ..	Silver	"	2	do.	0 5 0	
*3011. Melbourne and Geelong Tickets (excluding engraving such words and figures as may be ordered)..	Gold	"	2	do.	0 17 6	
*3012. Melbourne and Geelong Tickets (excluding engraving such words and figures as may be ordered)..	Silver	"	2	do.	0 6 0	
*3013. Melbourne and Ballarat Tickets (excluding engraving such words and figures as may be ordered)..	Gold	"	2	do.	0 17 6	
*3014. Melbourne and Ballarat Tickets (excluding engraving such words and figures as may be ordered)..	Silver	"	2	do.	0 5 6	
*3015. Melbourne and Bendigo Tickets (excluding engraving such words and figures as may be ordered)..	Gold	"	2	do.	0 17 6	
*3016. Melbourne and Bendigo Tickets (excluding engraving such words and figures as may be ordered)..	Silver	"	2	do.	0 5 0	
3017. Engravings (comprising refilling of the existing words and figures on tickets furnished by the Corporation, and engraving thereon such other words and figures as may be ordered) ..		"	2,000	Engraving	0 2 0	

TWIST DRILLS.

Name of Manufacturer—

Items 3019-3041, 3047-3126—John Vessey & Son Ltd. "Echo" Brand.

Items 3055A to 3126A—J. H. Andrew & Co. Ltd., "Toreador" Brand.

Items 3129 to 3139—T. Firth & Sons Ltd., "Chain" Brand.

Items 3127 and 3128—T. Firth & Sons Ltd., "Speedicut" Brand.

The Sample ³/₁₆ in. Drill for Items 3019 to 3126, shall be for shape and quality only.

Drills, Twist, High Speed—						
3019. Straight Shanks, ¹ / ₃₂ " ..	Gt. Brit.	50	each	*0 1 1	Coates & Co. Pty. Ltd.	
3020. Straight Shanks, ³ / ₆₄ " ..	"	100	do.	*0 1 1		
3021. Straight Shanks, ¹ / ₁₆ " ..	"	200	do.	*0 1 2		
3022. Straight Shanks, ⁵ / ₆₄ " ..	"	200	do.	*0 1 3		
3023. Straight Shanks, ³ / ₃₂ " ..	"	200	do.	*0 1 4		
3024. Straight Shanks, ⁷ / ₆₄ " ..	"	200	do.	*0 1 4		
3025. Straight Shanks, ¹ / ₈ " ..	"	200	do.	*0 1 5		
3026. Straight Shanks, ⁹ / ₆₄ " ..	"	200	do.	*0 1 6		
3027. Straight Shanks, ⁵ / ₃₂ " ..	"	500	do.	*0 1 7		
3028. Straight Shanks, ³ / ₁₆ " ..	"	400	do.	*0 1 9		
3029. Straight Shanks, ¹³ / ₆₄ " ..	"	200	do.	*0 1 11		
3030. Straight Shanks, ⁷ / ₃₂ " ..	"	100	do.	*0 2 0		
3031. Straight Shanks, ¹⁵ / ₆₄ " ..	"	50	do.	*0 2 2		
3032. Straight Shanks, ¹ / ₄ " ..	"	300	do.	*0 2 5		

* Less 60% discount.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
TWIST DRILLS—continued.					
<i>Drills, Twist, High-Speed—continued.</i>					
3033. Straight Shanks, 17/64"	Gt. Brit.	50	each	*0 2 7	Coates & Co. Pty. Ltd.
3034. Straight Shanks, 9/32"	"	400	do.	*0 2 9	
3035. Straight Shanks, 5/16"	"	120	do.	*0 3 3	
3036. Straight Shanks, 23/64"	"	50	do.	*0 4 0	
3037. Straight Shanks, 3/8"	"	60	do.	*0 4 3	
3038. Straight Shanks, 25/64"	"	40	do.	*0 4 6	
3039. Straight Shanks, 13/32"	"	30	do.	*0 4 9	
3040. Straight Shanks, 7/16"	"	5	do.	*0 5 0	
3041. Straight Shanks, 1/2"	"	50	do.	*0 6 0	
3042. Straight Shanks, 21/32"	"	20	do.	..	
3043. Taper Shanks, 1/16"	"	60	do.	..	Nil
3044. Taper Shanks, 5/64"	"	100	do.	..	
3045. Taper Shanks, 3/32"	"	100	do.	..	
3046. Taper Shanks, 7/64"	"	100	do.	..	Coates & Co. Pty. Ltd.
3047. Taper Shanks, 1/8"	Gt. Brit.	300	do.	*0 5 6	
3048. Taper Shanks, 5/64"	"	200	do.	*0 5 6	
3049. Taper Shanks, 5/32"	"	200	do.	*0 5 6	
3050. Taper Shanks, 11/64"	"	50	do.	*0 5 6	
3051. Taper Shanks, 3/16"	"	250	do.	*0 5 9	
3052. Taper Shanks, 13/64"	"	250	do.	*0 5 9	
3053. Taper Shanks, 7/32"	"	150	do.	*0 5 9	
3054. Taper Shanks, 15/64"	"	150	do.	*0 5 9	
3055. Taper Shanks, 1/4"	"	300	do.	*0 6 0	
3055A. Taper Shanks, 1/4"	"	300	do.	†0 6 0	Search & Houston Pty. Ltd.
3056. Taper Shanks, 17/64"	"	80	do.	*0 6 3	Coates & Co. Pty. Ltd.
3056A. Taper Shanks, 17/64"	"	80	do.	†0 6 3	Search & Houston Pty. Ltd.
3057. Taper Shanks, 9/32"	"	150	do.	*0 6 3	Coates & Co. Pty. Ltd.
† 3057A. Taper Shanks, 9/32"	"	150	do.	†0 6 3	Search & Houston Pty. Ltd.
3058. Taper Shanks, 19/64"	"	120	do.	*0 6 3	Coates & Co. Pty. Ltd.
3058A. Taper Shanks, 19/64"	"	120	do.	†0 6 3	Search & Houston Pty. Ltd.
3059. Taper Shanks, 5/16"	"	300	do.	*0 6 3	Coates & Co. Pty. Ltd.
3059A. Taper Shanks, 5/16"	"	300	do.	†0 6 3	Search & Houston Pty. Ltd.
3060. Taper Shanks, 21/64"	"	100	do.	*0 6 6	Coates & Co. Pty. Ltd.
3060A. Taper Shanks, 21/64"	"	100	do.	†0 6 6	Search & Houston Pty. Ltd.
3061. Taper Shanks, 11/32"	"	60	do.	*0 6 6	Coates & Co. Pty. Ltd.
3061A. Taper Shanks, 11/32"	"	60	do.	†0 6 6	Search & Houston Pty. Ltd.
3062. Taper Shanks, 23/64"	"	50	do.	*0 6 6	Coates & Co. Pty. Ltd.
3062A. Taper Shanks, 23/64"	"	50	do.	†0 6 6	Search & Houston Pty. Ltd.
3063. Taper Shanks, 3/8"	"	200	do.	*0 6 6	Coates & Co. Pty. Ltd.
3063A. Taper Shanks, 3/8"	"	200	do.	†0 6 6	Search & Houston Pty. Ltd.
3064. Taper Shanks, 25/64"	"	40	do.	*0 7 0	Coates & Co. Pty. Ltd.
3064A. Taper Shanks, 25/64"	"	40	do.	†0 7 0	Search & Houston Pty. Ltd.
3065. Taper Shanks, 13/32"	"	100	do.	*0 7 0	Coates & Co. Pty. Ltd.
3065A. Taper Shanks, 13/32"	"	100	do.	†0 7 0	Search & Houston Pty. Ltd.

* Less 60% discount. † Less 55% discount.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per	Rate.	Name of Contractor.
				£ s. d.	
TWIST DRILLS—continued.					
Drills, Twist, High Speed—continued.					
3066. Taper Shanks, 27/64"	Gt. Brit.	100	each	*0 7 6	Coates & Co. Pty. Ltd.
3066A. Taper Shanks, 27/64"	"		do.	†0 7 6	Search & Houston Pty. Ltd.
3067. Taper Shanks, 7/16"	"	150	do.	*0 7 6	Coates & Co. Pty. Ltd.
3067A. Taper Shanks, 7/16"	"		do.	†0 7 6	Search & Houston Pty. Ltd.
3068. Taper Shanks, 29/64"	"	60	do.	*0 8 0	Coates & Co. Pty. Ltd.
3068A. Taper Shanks, 29/64"	"		do.	†0 8 0	Search & Houston Pty. Ltd.
3069. Taper Shanks, 15/32"	"	50	do.	*0 8 0	Coates & Co. Pty. Ltd.
3069A. Taper Shanks, 15/32"	"		do.	†0 8 0	Search & Houston Pty. Ltd.
3070. Taper Shanks, 31/64"	"	100	do.	*0 8 6	Coates & Co. Pty. Ltd.
3070A. Taper Shanks, 31/64"	"		do.	†0 8 6	Search & Houston Pty. Ltd.
3071. Taper Shanks, 1/2"	"	100	do.	*0 8 6	Coates & Co. Pty. Ltd.
3071A. Taper Shanks, 1/2"	"		do.	†0 8 6	Search & Houston Pty. Ltd.
3072. Taper Shanks, 33/64"	"	100	do.	*0 9 0	Coates & Co. Pty. Ltd.
3072A. Taper Shanks, 33/64"	"		do.	†0 9 0	Search & Houston Pty. Ltd.
3073. Taper Shanks, 17/32"	"	100	do.	*0 9 0	Coates & Co. Pty. Ltd.
3073A. Taper Shanks, 17/32"	"		do.	†0 9 0	Search & Houston Pty. Ltd.
3074. Taper Shanks, 35/64"	"	100	do.	*0 9 0	Coates & Co. Pty. Ltd.
3074A. Taper Shanks, 35/64"	"		do.	†0 9 0	Search & Houston Pty. Ltd.
3075. Taper Shanks, 9/16"	"	150	do.	*0 12 0	Coates & Co. Pty. Ltd.
3075A. Taper Shanks, 9/16"	"		do.	†0 12 0	Search & Houston Pty. Ltd.
3076. Taper Shanks, 37/64"	"	100	do.	*0 12 0	Coates & Co. Pty. Ltd.
3076A. Taper Shanks, 37/64"	"		do.	†0 12 0	Search & Houston Pty. Ltd.
3077. Taper Shanks, 19/32"	"	75	do.	*0 12 6	Coates & Co. Pty. Ltd.
3077A. Taper Shanks, 19/32"	"		do.	†0 12 6	Search & Houston Pty. Ltd.
3078. Taper Shanks, 39/64"	"	30	do.	*0 13 0	Coates & Co. Pty. Ltd.
3078A. Taper Shanks, 39/64"	"		do.	†0 13 0	Search & Houston Pty. Ltd.
3079. Taper Shanks, 5/8"	"	100	do.	*0 13 0	Coates & Co. Pty. Ltd.
3079A. Taper Shanks, 5/8"	"		do.	†0 13 0	Search & Houston Pty. Ltd.
3080. Taper Shanks, 41/64"	"	25	do.	*0 13 6	Coates & Co. Pty. Ltd.
3080A. Taper Shanks, 41/64"	"		do.	†0 13 6	Search & Houston Pty. Ltd.
3081. Taper Shanks, 21/32"	"	80	do.	*0 13 6	Coates & Co. Pty. Ltd.
3081A. Taper Shanks, 21/32"	"		do.	†0 13 6	Search & Houston Pty. Ltd.

*Less 80% discount. †Less 55% discount.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
TWIST DRILLS—continued.					
<i>Drills, Twist, High Speed—continued.</i>					
3082. Taper Shanks, $\frac{43}{64}$ "	Gt. Brit.	75	each	*0 14 0	Coates & Co. Pty Ltd.
3082A. Taper Shanks, $\frac{43}{64}$ "	"		do.	†0 14 0	Search & Houston Pty. Ltd.
3083. Taper Shanks, $\frac{11}{16}$ "	"	200	do.	*0 14 0	Coates & Co. Pty. Ltd.
3083A. Taper Shanks, $\frac{11}{16}$ "	"		do.	†0 14 0	Search & Houston Pty. Ltd.
3084. Taper Shanks, $\frac{45}{64}$ "	"	50	do.	*0 15 0	Coates & Co. Pty. Ltd.
3084A. Taper Shanks, $\frac{45}{64}$ "	"		do.	†0 15 0	Search & Houston Pty. Ltd.
3085. Taper Shanks, $\frac{23}{32}$ "	"	50	do.	*0 15 0	Coates & Co. Pty. Ltd.
3085A. Taper Shanks, $\frac{23}{32}$ "	"		do.	†0 15 0	Search & Houston Pty. Ltd.
3086. Taper Shanks, $\frac{47}{64}$ "	"	20	do.	*0 16 0	Coates & Co. Pty. Ltd.
3086A. Taper Shanks, $\frac{47}{64}$ "	"		do.	†0 16 0	Search & Houston Pty. Ltd.
3087. Taper Shanks, $\frac{3}{4}$ "	"	120	do.	*0 16 0	Coates & Co. Pty. Ltd.
3087A. Taper Shanks, $\frac{3}{4}$ "	"		do.	†0 16 0	Search & Houston Pty. Ltd.
3088. Taper Shanks, $\frac{49}{64}$ "	"	50	do.	*0 17 0	Coates & Co. Pty. Ltd.
3088A. Taper Shanks, $\frac{49}{64}$ "	"		do.	†0 17 0	Search & Houston Pty. Ltd.
3089. Taper Shanks, $\frac{25}{32}$ "	"	100	do.	*0 17 0	Coates & Co. Pty. Ltd.
3089A. Taper Shanks, $\frac{25}{32}$ "	"		do.	†0 17 0	Search & Houston Pty. Ltd.
3090. Taper Shanks, $\frac{51}{64}$ "	"	50	do.	*0 18 0	Coates & Co. Pty. Ltd.
3090A. Taper Shanks, $\frac{51}{64}$ "	"		do.	†0 18 0	Search & Houston Pty. Ltd.
3091. Taper Shanks, $\frac{13}{16}$ "	"	200	do.	*0 18 0	Coates & Co. Pty. Ltd.
3091A. Taper Shanks, $\frac{13}{16}$ "	"		do.	†0 18 0	Search & Houston Pty. Ltd.
3092. Taper Shanks, $\frac{53}{64}$ "	"	36	do.	*0 19 0	Coates & Co. Pty. Ltd.
3092A. Taper Shanks, $\frac{53}{64}$ "	"		do.	†0 19 0	Search & Houston Pty. Ltd.
3093. Taper Shanks, $\frac{27}{32}$ "	"	50	do.	*0 19 0	Coates & Co. Pty. Ltd.
3093A. Taper Shanks, $\frac{27}{32}$ "	"		do.	†0 19 0	Search & Houston Pty. Ltd.
3094. Taper Shanks, $\frac{7}{8}$ "	"	100	do.	*1 0 6	Coates & Co. Pty. Ltd.
3094A. Taper Shanks, $\frac{7}{8}$ "	"		do.	†1 0 6	Search & Houston Pty. Ltd.
3095. Taper Shanks, $\frac{57}{64}$ "	"	25	do.	*1 2 0	Coates & Co. Pty. Ltd.
3095A. Taper Shanks, $\frac{57}{64}$ "	"		do.	†1 2 0	Search & Houston Pty. Ltd.
3096. Taper Shanks, $\frac{59}{64}$ "	"	25	do.	*1 3 6	Coates & Co. Pty. Ltd.
3096A. Taper Shanks, $\frac{59}{64}$ "	"		do.	†1 3 6	Search & Houston Pty. Ltd.
3097. Taper Shanks, $\frac{61}{64}$ "	"	25	do.	*1 5 0	Coates & Co. Pty. Ltd.
3097A. Taper Shanks, $\frac{61}{64}$ "	"		do.	†1 5 0	Search & Houston Pty. Ltd.

* Less 60 per cent. discount † Less 55 per cent. discount.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
TWIST DRILLS—continued.					
<i>Drills, Twist, High Speed—continued.</i>					
3098. Taper Shanks, $\frac{31}{32}$ "	Gt. Brit.	25	each	*1 5 0	Coates & Co. Pty. Ltd.
3098A. Taper Shanks, $\frac{31}{32}$ "	"		do.	†1 5 0	Search & Houston Pty. Ltd.
3099. Taper Shanks, $\frac{63}{64}$ "	"	25	do.	*1 6 6	Coates & Co. Pty. Ltd.
3099A. Taper Shanks, $\frac{63}{64}$ "	"		do.	†1 6 6	Search & Houston Pty. Ltd.
3100. Taper Shanks, $\frac{15}{16}$ "	"	100	do.	*1 3 6	Coates & Co. Pty. Ltd.
3100A. Taper Shanks, $\frac{15}{16}$ "	"		do.	†1 3 6	Search & Houston Pty. Ltd.
3101. Taper Shanks, 1"	"	50	do.	*1 6 6	Coates & Co. Pty. Ltd.
3101A. Taper Shanks, 1"	"		do.	†1 6 6	Search & Houston Pty. Ltd.
3102. Taper Shanks, 1 $\frac{1}{32}$ "	"	50	do.	*1 9 0	Coates & Co. Pty. Ltd.
3102A. Taper Shanks, 1 $\frac{1}{32}$ "	"		do.	†1 9 0	Search & Houston Pty. Ltd.
3103. Taper Shanks, 1 $\frac{1}{16}$ "	"	30	do.	*1 11 0	Coates & Co. Pty. Ltd.
3103A. Taper Shanks, 1 $\frac{1}{16}$ "	"		do.	†1 11 0	Search & Houston Pty. Ltd.
3104. Taper Shanks, 1 $\frac{1}{8}$ "	"	10	do.	*1 15 0	Coates & Co. Pty. Ltd.
3104A. Taper Shanks, 1 $\frac{1}{8}$ "	"		do.	†1 15 0	Search & Houston Pty. Ltd.
3105. Taper Shanks, 1 $\frac{5}{32}$ "	"	10	do.	*1 17 0	Coates & Co. Pty. Ltd.
3105A. Taper Shanks, 1 $\frac{5}{32}$ "	"		do.	†1 17 0	Search & Houston Pty. Ltd.
3106. Taper Shanks, 1 $\frac{9}{64}$ "	"	10	do.	*1 16 0	Coates & Co. Pty. Ltd.
3106A. Taper Shanks, 1 $\frac{9}{64}$ "	"		do.	†1 17 0	Search & Houston Pty. Ltd.
3107. Taper Shanks, 1 $\frac{7}{32}$ "	"	5	do.	*2 2 0	Coates & Co. Pty. Ltd.
3107A. Taper Shanks, 1 $\frac{7}{32}$ "	"		do.	†2 2 0	Search & Houston Pty. Ltd.
3108. Taper Shanks, 1 $\frac{9}{32}$ "	"	10	do.	*2 13 0	Coates & Co. Pty. Ltd.
3108A. Taper Shanks, 1 $\frac{9}{32}$ "	"		do.	†2 13 0	Search & Houston Pty. Ltd.
3109. Taper Shanks, 1 $\frac{19}{64}$ "	"	10	do.	*2 14 0	Coates & Co. Pty. Ltd.
3109A. Taper Shanks, 1 $\frac{19}{64}$ "	"		do.	†2 15 0	Search & Houston Pty. Ltd.
3110. Taper Shanks, 1 $\frac{1}{4}$ "	"	5	do.	*2 4 0	Coates & Co. Pty. Ltd.
3110A. Taper Shanks, 1 $\frac{1}{4}$ "	"		do.	†2 4 0	Search & Houston Pty. Ltd.
3111. Taper Shanks, 1 $\frac{5}{16}$ "	"	20	do.	*2 15 0	Coates & Co. Pty. Ltd.
3111A. Taper Shanks, 1 $\frac{5}{16}$ "	"		do.	†2 15 0	Search & Houston Pty. Ltd.
3112. Taper Shanks, 1 $\frac{11}{32}$ "	"	5	do.	*2 18 0	Coates & Co. Pty. Ltd.
3112A. Taper Shanks, 1 $\frac{11}{32}$ "	"		do.	†2 18 0	Search & Houston Pty. Ltd.
3113. Taper Shanks, 1 $\frac{3}{8}$ "	"	5	do.	*3 2 0	Coates & Co. Pty. Ltd.
3113A. Taper Shanks, 1 $\frac{3}{8}$ "	"		do.	†3 2 0	Search & Houston Pty. Ltd.

* Less 60 per cent. discount.

† Less 55 per cent. discount.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				f s. d.	
TWIST DRILLS—continued.					
Drills, Twist, High Speed—continued.					
3114. Taper Shanks, 1 13/32"	Gt. Brit.	5	each	*3 4 0	Coates & Co. Pty Ltd.
3114A. "Taper Shanks, 1 13/32"	"	5	do.	†3 4 0	Search & Houston Pty. Ltd.
3115. Taper Shanks, 1 15/32"	"	5	do.	*3 12 0	Coates & Co. Pty. Ltd.
3115A. Taper Shanks, 1 15/32"	"	5	do.	†3 16 0	Search & Houston Pty. Ltd.
3116. Taper Shanks, 1 9/16"	"	5	do.	*4 4 0	Coates & Co. Pty. Ltd.
3116A. Taper Shanks, 1 9/16"	"	5	do.	†4 4 0	Search & Houston Pty. Ltd.
3117. Taper Shanks, 1 7/8"	"	5	do.	*6 0 0	Coates & Co. Pty. Ltd.
3117A. Taper Shanks, 1 7/8"	"	5	do.	†6 0 0	Search & Houston Pty. Ltd.
3118. Taper Shanks, 1 15/16"	"	5	do.	*6 10 0	Coates & Co. Pty. Ltd.
3118A. Taper Shanks, 1 15/16"	"	5	do.	†6 10 0	Search & Houston Pty. Ltd.
3119. Taper Shanks, 2"	"	5	do.	*7 0 0	Coates & Co. Pty. Ltd.
3119A. Taper Shanks, 2"	"	5	do.	†7 0 0	Search & Houston Pty. Ltd.
3120. Taper Shanks, 2 1/32"	"	5	do.	*7 12 0	Coates & Co. Pty. Ltd.
3120A. Taper Shanks, 2 1/32"	"	5	do.	†7 12 0	Search & Houston Pty. Ltd.
3121. Taper Shanks, 2 1/16"	"	5	do.	*7 15 0	Coates & Co. Pty. Ltd.
3121A. Taper Shanks, 2 1/16"	"	5	do.	†7 15 0	Search & Houston Pty. Ltd.
3122. Taper Shanks, 2 1/8"	"	5	do.	*8 5 0	Coates & Co. Pty. Ltd.
3122A. Taper Shanks, 2 1/8"	"	5	do.	†8 5 0	Search & Houston Pty. Ltd.
3123. Taper Shanks, 2 1/4"	"	5	do.	*9 5 0	Coates & Co. Pty. Ltd.
3123A. Taper Shanks, 2 1/4"	"	5	do.	†9 5 0	Search & Houston Pty. Ltd.
3124. Taper Shanks, 2 1/2"	"	5	do.	*12 0 0	Coates & Co. Pty. Ltd.
3124A. Taper Shanks, 2 1/2"	"	5	do.	†12 0 0	Search & Houston Pty. Ltd.
3125. Taper Shanks, 2 17/32"	"	5	do.	*13 0 0	Coates & Co. Pty. Ltd.
3125A. Taper Shanks, 2 17/32"	"	5	do.	†12 10 0	Search & Houston Pty. Ltd.
3126. Taper Shanks, 2 9/16"	"	5	do.	*13 0 0	Coates & Co. Pty. Ltd.
3126A. Taper Shanks, 2 9/16"	"	5	do.	†13 0 0	Search & Houston Pty. Ltd.
Drills, Twist, for use with Rail Boring Machine, with parallel 5/8" shank, high speed—"Speedicut"					
3127. 1"	Gt Brit	5	do.	0 19 6	Briscoe & Co. Ltd.
3128. 1 1/8"	"	5	do.	1 5 0	
Drills, Twist, Ratchet, Square Shanks, tapered from 3/4" to 1/2", carbon steel—Chain Brand					
3129. 1/4"	Gt. Brit.	5	do.	0 3 0	Briscoe & Co. Ltd.
3130. 5/16"	"	5	do.	0 3 3	
3131. 7/16"	"	10	do.	0 3 8	

* Less 60% discount. † Less 55% discount.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
TWIST DRILLS—continued.					
Drills, Twist, Ratchet, Square Shanks, tapered from 3/4" to 1/2", carbon steel—Chain Brand—continued.					
3132.	Gt. Brit.	5	each	0 4 0	Briscoe & Co. Ltd.
3133.	"	15	do.	0 4 3	
3134.	"	10	do.	0 4 3	
3135.	"	5	do.	0 5 3	
3136.	"	5	do.	0 6 9	
3137.	"	5	do.	0 7 6	
3138.	"	5	do.	0 8 3	
3139.	"	5	do.	0 9 0	

BOLTS AND NUTS AND MILD STEEL RIVETS.

The samples exhibited by the Corporation for Items 3140-3200, 3203-3206, 3212, and 3213-3217 are samples as regards shape and quality only.

All the Bolts and Nuts under Items 3140 to 3214 inclusive shall be made from the very best Staffordshire iron, or iron of equal quality with full, true, and clean threads of "Whitworth's" gauge and diameter.

All Hexagonal Nuts are to be of Victorian Railways (Whitworth's) gauge on the outside.

All Bolts under Items 3215-3217 inclusive to be made from special fish-bolt steel capable of withstanding a tensile test of from 38 to 42 tons per square inch of section, with an elongation of not less than 15 per cent. in a length of 8 inches. The steel of Nuts to stand a tensile test of from 26 to 32 tons per square inch of section, with an elongation of not less than 20 per cent. in a length of 8 inches.

The Bolts and Nuts under Items Nos. 3143-3158, 3164, 3165, 3167-3176, 3192-3200, 3203, 3204, 3207, 3212-3217, will be delivered into trucks at West Footscray Railway Station, but the corporation reserves the right to take delivery at Contractor's Works and debit Contractor at the rate of 1s. 3d. per ton for any quantity so taken delivery of.

The Bolts supplied under this Schedule shall be threaded to the lengths as shown in the following table:—

Size of Bolt.	1/4 inch.	1/2 inch.	3/4 inch.	1 inch.	1 1/4 inch.	1 1/2 inch.
Length of Bolts.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
1 inch to 1 1/4 inches	2 1/2	1	1 1/2	1 1/2	1 1/2	1 1/2
1 1/4 " " 2 " "	3	1	1 1/2	1 1/2	1 1/2	1 1/2
2 " " 2 1/2 " "	3 1/2	1	1 1/2	1 1/2	1 1/2	1 1/2
2 1/2 " " 3 " "	4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 " " 4 " "	4 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
4 " " 4 " "	5	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
4 1/2 " " 8 " "	1	1 1/2	1 1/2	1 1/2	2	2 1/2
8 1/2 " " 12 " "	1	1 1/2	1 1/2	1 1/2	2	2 1/2
12 1/2 " " 20 " "	1	1 1/2	2	2	2 1/2	2 1/2

Bolts larger and longer than above are to be threaded three times the diameter of the rod.

Item No.	Description	Country	Quantity	Unit	Rate	Contractor
Bolts, Iron, with Cup Head, Square Neck, Square or Hexagon Nut, as ordered—						
*3140.	1/2" diameter x 2" in length and under	Aust.	500 gross	gross	0 4 9	McPherson's Pty. Ltd.
*3141.	1/2" diameter x over 2" in length	"	300 "	do.	0 5 9	
*3142.	5/16" diameter x 2" in length and under	"	40 "	do.	0 6 9	
*3143.	5/16" diameter x over 2" in length	"	200 "	do.	0 8 3	
*3144.	3/8" diameter x 3" in length and under	"	750 "	do.	0 10 0	
*3145.	3/8" diameter x 3 1/4" to 6" in length	"	200 cwt.	cwt.	2 13 0	
*3146.	3/8" diameter x over 6" in length	"	200 "	do.	2 0 0	
*3147.	1/2" diameter x 3" in length and under	"	100 "	do.	2 0 0	
*3148.	1/2" diameter x 3 1/4" to 6" in length	"	500 "	do.	1 17 0	
*3149.	1/2" diameter x over 6" in length	"	400 "	do.	1 11 0	
*3150.	5/8" diameter x 3" in length and under	"	20 "	do.	1 15 0	G. F. Sewell Pty. Ltd.
*3151.	5/8" diameter x 3 1/4" to 6" in length	"	300 "	do.	1 12 6	
*3152.	5/8" diameter x 6 1/4" to 12" in length	"	260 "	do.	1 7 6	
*3153.	5/8" diameter x over 12" in length	"	100 "	do.	1 5 6	
*3154.	3/4", 7/8", and 1" diameter x 3 1/4" to 6" in length	"	20 "	do.	1 11 6	
*3155.	3/4", 7/8", and 1" diameter x 6 1/4" to 12" in length	"	150 "	do.	1 6 6	
*3156.	3/4", 7/8", and 1" diameter x over 12" in length	"	50 "	do.	1 5 6	
*3157.	7/16" diameter x 5 1/2" in length	"	2 "	do.	2 5 0	
*3158.	7/16" diameter x 6" in length	"	2 "	do.	2 4 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for one year.	Rate per--	Rate.	Name of Contractor.	
				£ s. d.		
BOLTS AND NUTS AND MILD STEEL RIVETS—continued.						
Bolts, Iron, with Hexagon Head, Round Neck, Square or Hexagon Nut, as ordered—						
*3159.	Aust.	400 gross	gross	0 8 3	} McPherson's Pty. Ltd.	
*3160.	"	150 "	do.	0 10 0		
*3161.	"	50 "	do.	0 10 0		
*3162.	"	50 "	do.	0 12 0		
*3163.	"	400 "	do.	0 11 9		
*3164.	"	25 cwt.	cwt.	2 16 0		
*3165.	"	60 "	do.	2 10 0	} G. F. Sewell Pty. Ltd.	
*3166.	"	180 "	do.	2 15 0		
*3167.	"	70 "	do.	2 2 6	} G. F. Sewell Pty. Ltd.	
*3168.	"	70 "	do.	1 14 0		
*3169.	"	200 "	do.	2 4 0		
*3170.	"	260 "	do.	1 14 0		
*3171.	"	140 "	do.	1 11 0		
*3172.	"	700 "	do.	1 16 0		
*3173.	"	350 "	do.	1 11 6	} G. F. Sewell Pty. Ltd.	
*3174.	"	350 "	do.	1 6 6		
3175.	"	2 "	do.	2 18 0		
3176.	"	2 "	do.	2 14 0		
Bolts, Iron, with Square Head, Round Neck, Square or Hexagon Nut, as ordered—						
*3177.	"	15 "	do.	2 8 0	} McPherson's Pty. Ltd.	
*3178.	"	25 "	do.	2 1 0		
*3179.	"	10 "	do.	1 15 0		
*3180.	"	10 "	do.	1 12 0		
*3181.	"	10 "	do.	2 0 0		
*3182.	"	15 "	do.	1 14 0		
*3183.	"	150 "	do.	1 8 0		
*3184.	"	10 "	do.	1 7 0		
*3185.	"	10 "	do.	1 12 0		
*3186.	"	1,800 "	do.	1 1 9		
Bolts, Iron, with Countersunk Head, Square Neck, Square or Hexagon Nut, as ordered—						
*3187.	"	30 gross	gross	0 7 6		} G. F. Sewell Pty. Ltd.
*3188.	"	30 "	do.	0 10 0		
*3189.	"	10 "	do.	0 10 0		
*3190.	"	20 "	do.	0 15 0		
*3191.	"	100 "	do.	0 11 0		
*3192.	"	20 cwt.	cwt.	3 0 0		
*3193.	"	5 "	do.	2 7 0		
*3194.	"	50 "	do.	2 7 0		
*3195.	"	50 "	do.	1 19 0		
*3196.	"	5 "	do.	1 14 0		
*3197.	"	5 "	do.	2 0 0		
*3198.	"	5 "	do.	1 13 0		
*3199.	"	10 "	do.	1 10 0		
*3200.	"	15 "	do.	1 12 0		
*3201.	"	5 "	do.	4 10 0		
Bolts, Iron, with Hexagon Head and 2 Hexagon Nuts—						
*3202.	"	20 "	do.	1 15 0	} McPherson's Pty. Ltd.	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
BOLTS AND NUTS AND MILD STEEL RIVETS—continued.					
Bolts, Iron, with Hexagon Head and screwed up to the Neck if required, irrespective of whether the sample is so screwed, Hexagon Nuts—					
*3203.	Aust.	100 cwt.	cwt.	2 10 0	G. F. Sewell Pty. Ltd.
*3204.	"	30 "	do.	2 8 0	
*3205.	"	30 "	do.	2 9 0	McPherson's Pty. Ltd.
*3206.	"	50 "	do.	2 9 0	
*3207.	"	80 "	do.	2 4 0	G. F. Sewell Pty. Ltd.
*3208.	"	20 "	do.	1 19 0	
Bolts, Iron, T Head, with Hexagon Nut—					
*3209.	"	40 "	do.	3 12 0	McPherson's Pty. Ltd.
*3210.	"	5 "	do.	3 10 0	
*3211.	"	5 "	do.	3 5 0	
Bolts and Nuts—					
*3212.	"	5 "	do.	3 10 0	G. F. Sewell Pty. Ltd.
*3213.	"	5 "	do.	2 2 0	
*3214.	"	10 "	do.	2 0 0	
*3215.	"	10 "	do.	1 10 0	
*3216.	"	20 "	do.	1 10 0	G. F. Sewell Pty. Ltd.
Bolts and Nuts, Steel with Hexagon Head and Nut—					
*3217.	"	5 "	do.	1 14 0	G. F. Sewell Pty. Ltd.
Bolts and Nuts, Steel with Cup Head, Oval Neck, and Hexagon Nut—					
*3217.	"	5 "	do.	1 14 0	G. F. Sewell Pty. Ltd.
Rivets, Mild Steel, Pan Head—					
3218.	"	25 "	do.	2 2 0	McPherson's Pty. Ltd.
3219.	"	25 "	do.	2 2 0	
3220.	"	25 "	do.	2 2 0	McPherson's Pty. Ltd.
3221.	"	25 "	do.	2 2 0	
3222.	"	20 "	do.	2 2 0	E. Duckett & Sons
3223.	"	20 "	do.	2 2 0	
3224.	Gt. Brit.	25 "	do.	2 0 0	E. Duckett & Sons
3225.	"	15 "	do.	2 0 0	

ELECTRICAL AND TELEGRAPH MATERIAL.

Specification, Item 3232.—Each cell shall be fitted with two screwed brass terminals, and shall have no projecting portions to damage.

The sample Cells (two to be submitted) will be tested in the following manner:—(a) The voltage will be measured on a voltmeter of approved pattern, having a resistance of not less than 100 ohms. (b) The current output at the expiration of one (1) minute will be measured through a circuit comprising a measuring instrument and a resistance, the circuit external to the cell having a total resistance of 3 ohms. Contractor shall submit a guarantee as to the volts and current which shall be given under these tests by the cells when new or when held in readiness for service during any succeeding period not exceeding six (6) months.

Each cell shall preferably be so constructed that if left in stock out of use for a period of two years the current output shall not fall more than 20 per cent. below that guaranteed for new cells.

Should 5 per cent. of the Cells delivered fail to comply with the requirements of the Specification, or with the guarantees as to voltage or current output referred to above, the whole consignment may be rejected.

Specification, Item 3372.—Contents of the Pots must not be less than 400 grams, which shall consist of MANGANESE DIOXIDE not less than 55 per cent., and CARBON not less than 45 per cent. Material to be clean and free from foreign matter, and sealed in pot with Bitumen, with air vent provided through the Bitumen.

As regards Items 3440 and 3446—Contractor not to be held responsible for delivery of quantities in excess of the estimated requirements unless mutually agreed upon. The rates are based on the rate of Electrolytic Copper Wire Bars at between £65 and £75 per ton.

As regards items No. 3254—3254r—1/8 per sq. foot extra to be charged for polishing if required.

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

ELECTRICAL AND TELEGRAPH MATERIAL—continued.

As regards items No. 3258-3258u—2d. per foot for $\frac{1}{2}$ " and under, 2½d. per foot over $\frac{1}{2}$ " up to 1", and 3d. per foot over 1" to be charged for polishing if required.

Lawrence and Hansen Elect. Co. Ltd. to be allowed time to import stocks for first orders of non-stock lines.

As regards Items 3429 to 3434 and 3450 to 3454—Necessary time is to be allowed for the Contractor to obtain the material from the works in New South Wales.

The rates under these items are based on the price of £71 10s. per ton for electrolytic copper wire bars, published in the "Argus" newspaper, Melbourne, on the 3rd March, and are to be varied up or down by one-tenth of a penny per lb. of copper for each complete 17s. 6d., or part thereof, by which the price of wire bars published in the "Argus" on the date of receipt of an order is greater than £71 19s. 11d. per ton or less than £71 2s. 6d. per ton respectively. If no price of wire bars is published on any day, the price last published earlier shall apply. In the case of a dispute concerning the published price of wire bars, the figures advised by the Australian Mines and Metals Association as last received by them from the London Metal Exchange prior to the day of the receipt of the order shall be mutually accepted.

When ordering Cable under these items, effort should be made to order in quantities as contained on standard drums as follows:—

Item No.	Size.	No. of Yards.	Net Weight.
3429-3434	10-16 S.W.G.	...	56 lbs.
3450	7/·048	2640	394 lbs.
3451	7/·036	4400	373 lbs.
3452	7/·064	3520	932 lbs.
3454	19/·064	3520	2534 lbs.

As regards Items 3429 to 3434—The rates quoted are for lots of not less than 10 lbs. If under 10 lbs., the rate to be increased by 1d. per lb.

As regards Items 3450 to 3454—The rates quoted are for lots of not less than 200 lbs. For smaller quantities, the rates are to be increased as follow:—

Below 200 lbs.	..	..	..	..	..	1d.	per lb.
Below 100 lbs.	..	..	..	..	..	2d.	"
Below 50 lbs.	..	..	..	..	..	4d.	"
Below 25 lbs.	..	..	..	..	..	6d.	"
Below 10 lbs.	..	..	..	..	..	9d.	"
Below 5 lbs.	..	..	..	..	..	1s.	"

†3226. Adaptors, Bayonet	..	..	..	..	..	0 6 7	Siemens Bros. & Co. Ltd.
†3227. Blocks, Base, 6" x 3"	..	..	..	..	..	0 0 3½	Edison-Swan Elec. Co. Ltd.
†3227A. Blocks, Base, 9" x 3"	..	..	..	..	..	0 0 4½	
†3228. Blocks, Switch, 3" diameter	..	..	..	..	..	0 0 1½	Co. Ltd.
*3229. Bracket, side, iron	..	..	..	..	..	..	Nil
*3230. Carriers, Miniature Staff	..	..	..	..	..	..
†3231. Cases, Receiver, for Western Electric Telephones	..	..	..	..	..	0 1 0	Dunlop Rubber Co. of Aust. Ltd.
†3232. Cells, Dry, for Batteries	..	..	..	..	..	..	Nil
*3233. Cells, Glass, for Leclanche Batteries	..	..	..	..	..	..
3234. Coils, Induction, for Block Berthon Telephones	..	..	..	..	..	..	Nil
3235. Coils, Induction, for Western Electric Telephones, No. 13	..	..	..	..	..	..
†3236. Combinations, Monophone	..	..	..	..	..	0 5 9	C. R. Foster
*3237. Condensers, Self-sealing, ½ M.F.	..	..	..	..	..	0 3 0	British Insulated & Helsby Cables Ltd.
†3238. Cords, Ader Receiver, 3'	..	..	..	..	..	..	Nil
†3239. Cords, Berthon Combination, 4'	..	..	..	..	..	..
†3240. Cords, Monophone	..	..	..	..	..	..	C. R. Foster
†3241. Cords, Receiver, Western Electric Telephones D16528	..	..	..	..	..	0 2 2	
†3242. Cut-outs, Vandam Bow type, 5 amperes	..	..	..	..	..	..	Nil
†3243. Diaphragms, Metal, for Monophone Receivers	..	..	..	..	..	..
†3244. Diaphragms, Metal, for Ader Receivers	..	..	..	..	..	..	C. R. Foster
†3245. Diaphragms, Metal, for Western Electric Receivers	..	..	..	..	..	0 0 3	
†3246. Ear Pieces, Ebonite, Ader Receivers	..	..	..	..	..	..	Nil

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.	
				£ s. d.		
ELECTRICAL AND TELEGRAPH MATERIAL—continued.						
†3247 Ear Pieces, Ebonite, Monophone Combination		75	each	..	} Nil	
3248. Electrodes, Mild Steel, No. 4			foot	..		
3349. Electrodes, Mild Steel, No. 6			do.	..		
3250. Electrodes, Mild Steel, No. 8		10,000 feet	do.	..		
3251. Electrodes, Mild Steel, No. 10			do.	..		
3252. Electrodes, Mild Steel, No. 12			do.	..		
3253. Ear Pieces, Ebonite for Western Electric Receivers, No. 144, W Ebonite, Sheet—dressed (not polished)		150	each	..	} Dunlop Rubber Co. of Aust. Ltd.	
3254. 1/16" thick 6 1/2 oz. to sq. foot approx.	Aust.	} 250 lbs.	sq. foot*	0 3 0		
3254A. 1/8" thick 13 " " " "	"		do.*	0 3 10 1/2		
3254B. 1/4" thick 26 " " " "	"		do.*	0 5 9		
3254C. 3/8" thick 39 " " " "	"		do.*	0 7 7		
3254D. 1/2" thick 52 " " " "	"		do.*	0 9 4		
3254E. 3/4" thick 78 " " " "	"		do.*	0 13 0		
3254F. 1" thick 104 " " " "	"	do.*	0 16 7			
†3255. Ebonite, rod, 1/4" dia. to 1 3/8" dia., as ordered	Gt. Brit.	250 lbs.	lb.	0 4 0		Siemens Bros. & Co. Ltd.
3256. Feroda, Bonded Asbestos, any thicknesses ordered		100 "	do.	..		Nil
†3257. Fibre, Red, sheet, any thicknesses ordered	Gt. Brit.	750 "	do.	0 2 6	British General Elec. Co. Ltd.	
Fibre, Red, Rod—dressed (not polished)						
3258. 1/8" diameter 30 feet to the lb. approx.	Aust.	} 100 lbs.	foot*	0 0 9	} Dunlop Rubber Co. of Aust. Ltd.	
3258A. 3/16" diameter 9 1/2 " " " "	"		do.*	0 0 10 1/2		
3258B. 1/4" diameter, 6 1/2 " " " "	"		do.*	0 0 11 1/2		
3258C. 5/16" diameter, 2 3/4 " " " "	"		do.*	0 1 3 3/4		
3258D. 1" diameter, 1 1/2 " " " "	"		do.*	0 1 9 3/4		
3258E. 1 1/4" diameter, 11 inches " " " "	"		do.*	0 2 5 1/4		
3258F. 1 1/2" diameter, 9 1/2 " " " "	"		do.*	0 3 0		
3258G. 2" diameter. 4 3/4 " " " "	"		do.*	0 5 1 1/2		
3258H. 2 1/2" diameter 2 1/2 " " " "	"		do.*	0 7 9		
Fittings, Conduit, Continuity—						
†3259. Bends, 5/8" Eureka		50	each	0 0 4 1/2	} J. Danks & Son Pty. Ltd.	
†3260. Bends, 3/4" " " " "		50	do.	0 0 5 1/2		
†3261. Bends, 1 1/4" " " " "		250	do.	0 2 10		
†3262. Elbows, 5/8" (one piece) Clipsall		3,500	dozen	0 2 9 1/2	} Lawrence & Hansen Elec. Co. Ltd.	
†3263. Elbows, 3/4" (one piece) " " " "		100	do.	0 3 7 1/2		
†3264. Saddles, 5/8" " " " "		10,000	gross	0 1 6		
†3265. Saddles, 3/4" " " " "		700	do.	0 2 3		
†3266. Sleeves, 5/8" (one piece) Clipsall		1,300	dozen	0 2 3 1/2		
†3267. Sleeves, 3/4" (one piece) " " " "		150	do.	0 2 5 1/2		
†3268. Tees, 5/8" (one piece) " " " "		1,500	do.	0 3 10		
†3269. Tees, 3/4" (one piece) " " " "		75	do.	0 4 11		
Fittings, Conduit, Screwed—						
†3270. Bends, 5/8" " " " "	Gt. Brit.	25	dozen	0 3 3	} British General Elec. Co. Ltd.	
†3271. Bends, 3/4" " " " "	"	100	do.	0 4 3		
†3272. Bends, 1" " " " "	"	300	do.	0 6 8		
†3273. Bends, 2" " " " "		250	do.	..	Nil	
†3274. Elbows, 5/8" " " " "	Aust.	1,000	do.	0 2 4	Lawrence & Hansen Elec. Co. Ltd.	
†3275. Elbows, 3/4" " " " "	Gt. Brit.	1,000	do.	0 2 9	British General Elec. Co. Ltd.	
†3276. Elbows, 2" " " " "	Aust.	150	do.	1 13 0	Lawrence & Hansen Elec. Co. Ltd.	
†3277. Elbows, 3/4" Inspection	Gt. Brit.	72	do.	0 9 0	} British General Elec. Co. Ltd.	
†3278. Elbows, 1" Inspection	"	50	do.	0 12 0		
†3279. Elbows, 1 1/4" Inspection	"	150	do.	1 2 6		
†3280. Elbows; 1 1/2" Inspection	"	150	do.	2 5 0		
†3281. Elbows, 2" Inspection	"	100	do.	4 0 0		
†3282. Elbows, Conduit, plain, 5/8 in., two-piece, malleable cast		2,400	do.	..	} Nil	
†3283. " " " " 3/4 " " " "		200	do.	..		

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
ELECTRICAL AND TELEGRAPH MATERIAL—continued.					
Fittings, Conduit, Screwed— <i>continued.</i>					
†3284. Saddles, 1"	Aust.	300	gross	0 3 0	Siemens Bros. & Co. Ltd.
†3285. " 1½"	"	300	do.	0 5 9	J. Danks & Son Pty. Ltd.
†3286. Sleeves ½"	"	300	do.	..	
†3287. " ¾"	"	300	do.	..	
†3288. " Conduit, plain, ⅝", two-piece, malleable cast	"	1,400	do.	..	Nil
†3289. " " " ¾"	"	300	do.	..	
†3290. Tees, ⅝"	"	15	dozen	..	
†3291. " ¾"	Aust.	75	do.	0 4 2	Lawrence & Hansen Elec. Co. Ltd.
†3292. " 2"	"	150	do.	1 19 0	
†3293. " ¾" Inspection	Gt. Brit.	150	each	0 1 2	
†3294. " 1" "	"	150	do.	0 1 10	
†3295. " 1½" "	"	150	do.	0 2 11	Lawrence & Hansen Elec. Co. Ltd.
†3296. " 1½" "	"	150	do.	0 3 9	
†3297. Nuts, 1" Lock	Aust.	150	dozen.	0 1 9	
†3298. " 1½"	Gt. Brit.	150	do.	0 3 0	
†3299. Bellmouths, ¾"	Aust.	100	do.	0 3 0	British General Elec. Co. Ltd.
Fuses, Factory Type, complete with bases—					
†3300. 3 amperes, Damper	Gt. Brit.	1,500	each	0 1 3½	
†3301. 6 amperes "	"	750	do.	0 1 11	Lawrence & Hansen Elec. Co. Ltd.
†3302. 10 amperes "	"	200	do.	0 1 11	
†3303. 15 amperes "	"	300	do.	0 1 11	
†3304. 30 amperes, Thumb	"	100	do.	0 3 2	
†3305. 40 amperes	"	100	do.	..	Nil
†3306. 50 amperes, Thumb	Gt. Brit.	100	do.	0 4 9	Lawrence & Hansen Elec. Co. Ltd.
†3307. Holders, Lamp, Batten Socket, with shade ring	"	75	do.	..	Nil
†3308. Holders, Lamp, ⅝"	"	200	do.	..	Nil
*3309. " Portable Hand Lamp, D. & S.	Gt. Brit.	150	do.	0 6 3	H. Rowe & Co.
†3310. " Cord Grip Bayonet, F.C. 1010	"	500	do.	0 0 8	Edison Swan Elec. Co. Ltd.
†3311. Insulators, Cleat, small	Japan	4,000	gross	0 7 9	British General Elec. Co. Ltd.
*3312. Insulators, Shackle, Large, Porcelain	"	7,500	each	..	
*3313. Insulators, Shackle, Small, Porcelain	"	3,500	do.	..	Nil
*3314. Insulators, Small, Porcelain, with straight or swan neck bolts, as ordered	"	3,500	do.	..	
†3315. Insulators, straight line, small	Aust.	2,000	dozen	0 10 6	British General Elec. Co. Ltd.
*3316. Insulators, straight line, large, type "A"	"	20,000	do.	..	Nil
†3317. Kettles, Electric, 3 pints, for voltages between 110 and 250, as ordered	Aust.	20	each	1 10 0	Leonard Electric Co. Pty. Ltd.
3318. Lamps, Electric, for Hand Torches	U.S.A.	25	do.	0 0 4	Australian General Elec. Co. Ltd.
Lamps, Electric, Half Watt, clear—					
†3319. 500 W., 250 V., "Philips" Goliath screw socket	Holland	400	do.	0 5 1	Lawrence & Hansen Elec. Co. Ltd.
†3319A. 500 W., 230 V., "Philips" do.	"	150	do.	0 5 1	
†3320. 300 W., 250 V., "Philips" do.	"	300	do.	0 4 2	
†3320A. 300 W., 230 V., "Philips" do.	"	200	do.	0 4 2	
†3321. 200 W., 250 V., E.S. "Osram"	Gt. Brit.	300	do.	0 3 2·5	British General Elec. Co. Ltd.
†3321.A 300 W., 200 V., "Philips" Goliath screw socket	Holland	25	do.	0 4 2	Lawrence & Hansen Elec. Co. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.	
				£ s. d.		
ELECTRICAL AND TELEGRAPH MATERIAL—continued.						
Lamps, Electric, Half Watt, clear, Edison screw socket, "Osram"—						
† 3322. 200 W., 250 V.	Gt. Brit.	200	each	0 3 2.5	} British General Elec. Co. Ltd.	
3323. 150 W., 250 V.	"	200	do.	0 2 6		
3324. 150 W., 200 V.	"	100	do.	0 2 6		
Lamps, Electric, Half Watt, clear, B.C. "Osram"—						
3325. 150 W., 250 V.	"	900	do.	0 2 6		
3326. 75 W., 250 V.	"	300	do.	0 1 6.5		
3327. 200 W., 230 V.	"	350	do.	0 3 2.5		
3328. 100 W., 230 V.	"	300	do.	0 1 11.5		
† 3329. 150 W., 230 V.	"	600	do.	0 2 6		
3330. 75 W., 230 V.	"	500	do.	0 1 6.5		
3331. 150 W., 200 V.	"	150	do.	0 2 6		
3332. 75 W., 200 V.	"	300	do.	0 1 6.5		
3333. 200 W., 110 V.	"	75	do.	0 3 2.5		
3334. 75 W., 110 V.	"	400	do.	0 1 6.5		
Lamps, Electric, Half Watt, "Argenta," B.C. "Philips"—						
3335. 150 W., 250 V.	Holland	200	do.	0 2 8	} Lawrence & Hansen Elec. Co. Ltd.	
3336. 75 W., 250 V.	"	100	do.	0 1 6½		
† 3337. 200 W., 220-230 V.	"	30	do.	0 3 5		
3338. 150 W., 220-230 V.	"	200	do.	0 2 8		
3339. 75 W., 220-230 V.	"	250	do.	0 1 6½		
Lamps, Electric, M. F., clear, B.C., "Osram"—						
3340. 60 W., 250 V.	Gt. Brit.	8,000	each	0 0 10.78	} British General Elec. Co. Ltd.	
3341. 60 W., 230 V.	"	4,500	do.	0 0 10.78		
† 3342. 40 W., 230 V.	"	4,500	do.	0 0 10.78		
3343. 20 W., 230 V.	"	300	do.	0 0 10.78		
3344. 30 W., 150 V.	"	1,500	do.	0 0 10.78		
3345. 15 W., 230 V.	"	500	do.	0 0 10.78		
Lamps, Electric, C.F., clear, B.C., "Phillips"—						
3346. 16 C.P., 220-230 V.	Holland	600	do.	0 0 10	} Lawrence & Hansen Elec. Co. Ltd.	
† 3347. 16 C.P., 250 V.	"	300	do.	0 0 10		
3348. 16 C.P., 110 V.	"	300	do.	0 0 9		
Lamps, Electric, clear, B.C., M F, "Osram"—						
3349. 60 W., 200 V.	Gt. Brit.	300	do.	0 0 10.78	} British General Elec. Co. Ltd.	
3350. 40 W., 200 V.	"	9,000	do.	0 0 10.78		
† 3351. 20 W., 200 V.	"	300	do.	0 0 10.78		
3352. 60 W., 110 V.	"	400	do.	0 0 10.78		
3353. 40 W., 110 V.	"	700	do.	0 0 10.78		
3354. 20 W., 110 V.	"	300	do.	0 0 10.78		
† 3355. Micanite Sheet moulded, 3' x 1½' 15 mils.	"	36 sheets	sheet	0 5 6	} A. L. Campbell & Co. Pty. Ltd.	
† 3356. Micanite Sheet flexible 40' x 40' 15 mils.	"	12 "	do.	0 6 6		
† 3357. Mica Sheet, 6" x 4" Amber	Aust.	40 lbs.	lb.	1 2 6		
† 3358. Mouthpieces, Ebonite, for Western Electric Telephones	U.S.A.	120 No.	each	0 0 9		
† 3359. Pipe, Conduit, Plain, ½", enamelled	Gt. Brit.	120 feet	100 ft.	0 6 0		
† 3360. Pipe, Conduit, Plain, ¾", enamelled	"	70,000 "	do.	0 6 9	Australian General Elec. Co. Ltd.	
† 3361. Pipe, Conduit, Plain, 1"	"	5,000 "	do.	0 9 6	Siemens, Bros. & Co. Ltd.	
† 3362. Pipe, Conduit, Plain, 1"	"	1,000 "	do.	0 16 6	Edison Swan Elec. Co. Ltd.	
† 3363. Pipe, Conduit, Plain, 1½"	"	1,000 "	do.	1 6 0	J. Danks & Son Pty. Ltd.	
† 3364. Pipe, Conduit, Plain, 1½"	"	1,000 "	do.	1 12 0	} British General Elec. Co. Ltd.	
† 3365. Pipe, Conduit, screwed, 5/8"	"	12,000 "	do.	0 13 3		

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
ELECTRIC AND TELEGRAPH MATERIAL—continued.					
† 3366. Pipe, Conduit, screwed, $\frac{3}{4}$ "	Gt. Brit.	10,000 feet	100 ft.	0 16 9	Edison Swan Elec. Co. Ltd.
† 3367. Pipe, Conduit, screwed, 1"	"	2,000 "	do.	1 4 0	
† 3368. Pipe, Conduit, screwed, $1\frac{1}{4}$ "	"	2,000 "	do.	1 15 5	British General Elec. Co. Ltd.
† 3369. Plugs, Switch and Wall combined 5 amperes, A.O. 341	"	50	each	0 3 6	
† 3370. Plugs, Wall, two pin, 5 amperes, A.945	"	700	do.	0 1 5 $\frac{1}{2}$	Edison Swan Elec. Co. Ltd.
† 3371. Plugs, Wall, two pin, 10 amperes, A. 948	"	60	do.	0 2 9	
† 3372. Pots, porous, for No. 2 Leclanche Cells ..	"	11,000	do.	..	Nil
† 3373. Presspahn, from 5 mils. to 40 mils. as ordered, approx. 36" x 30"	U.S.A.	1,200 sheet	lb.	0 1 8	Australian General Elec. Co. Ltd.
*3374. Receivers, for Western Electric Telephones	"	75	each	0 11 0	C. R. Foster
† 3375. Reflectors, iron, vitreous enamelled, conical with $1\frac{1}{8}$ " hole, 12" diameter	Gt. Brit.	150	do.	0 1 6 $\frac{1}{2}$	Wm. McLean & Co. Ltd.
† 3376. Reflectors, iron, vitreous, enamelled, conical, with $1\frac{1}{8}$ " hole, 15" diameter	"	150	do.	0 2 3	
† 3377. Reflectors, Steel, vitreous, enamelled, "R.L.M." standard, 14" x $1\frac{1}{8}$ " hole, 4352	"	72	do.	0 7 0	H. Rowe & Co.
† 3378. Reflectors, Steel, vitreous, enamelled, "R.L.M." standard, 14" x $1\frac{1}{8}$ " hole, with B.C. holder	"	144	do.	..	Nil
† 3379. Reflectors, Steel, vitreous, enamelled, 16" with E.S. holder, R.L.M. 4973	Gt. Brit.	36	do.	0 18 1	Siemens Bros. & Co. Ltd.
† 3380. Reflectors, Steel, vitreous, enamelled, 18" with "Goliath" holder, R.L.M. 4984	"	36	do.	1 4 6	
† 3381. Reflectors, Glass, prismatic, "Holophane," No. 2120	"	50	do.	1 0 0	R. Bryce & Co. Pty. Ltd.
† 3382. Reflectors, Glass, prismatic, "Holophane," No. 2110	"	30	do.	0 11 8	
† 3383. Radiators, $\frac{1}{2}$ K.W., 110 V.	Aust.	30	do.	1 12 6	Leonard Electric Co. Pty. Ltd.
† 3384. Radiators, $\frac{1}{2}$ K.W., 250 V.	"		do.	1 10 0	
† 3385. Radiators, 1 K.W., 110 V.	"	30	do.	1 14 0	
† 3386. Radiators, 1 K.W., 250 V.	"		do.	1 11 6	
† 3387. Roses, Ceiling, 2-plate, B. 376	Gt. Brit.	2,000	do.	0 0 6 $\frac{3}{4}$	J. Danks & Son Pty. Ltd.
† 3388. Roses, Ceiling, 3-plate, vitreous	"	400	do.	0 0 7 $\frac{1}{2}$	
† 3388A. Paper, Asbestos, 10 mils.	Gt. Brit.	2,000 sq. ft.	sq. ft.	0 0 1	A. L. Campbell & Co. Pty. Ltd.
† 3389. Shades, Iron Enamelled, 10' x $1\frac{1}{8}$ " hole ..	Europe	750	each	0 0 9 $\frac{1}{2}$	Edison Swan Elec. Co. Ltd.
† 3390. Shades, Opal, 10" x $1\frac{1}{8}$ " hole	"	600	dozen	..	Nil
† 3391. Slabs, Marble, best quality, for Switch Boards, polished on one face and edges, and any sizes and thicknesses ordered up to 24" x 18" x $\frac{3}{4}$ "	"	450 sq. ft.	sq. ft.	..	
*3392. Sockets, Batten, Bayonet, with shade ring, 2916D	Gt. Brit.	720	each	0 0 9	Australian General Elec. Co. Ltd.
† 3393. Sockets, Bayonet, Keyless Shade Carrier, $\frac{1}{2}$ "	"	350	do.	0 0 7 $\frac{1}{2}$	Lawrence & Hansen Elec. Co. Ltd.
† 3394. Sockets, Bayonet, Keyless Shade Carrier, $\frac{3}{8}$ "	"		do.	0 0 7 $\frac{1}{2}$	
† 3395. Sockets, Bayonet, Key Shade Carrier, $\frac{1}{2}$ " F.C. 1021	"	150	do.	0 2 6	Edison Swan Elec. Co. Ltd.
† 3396. Sockets, Bayonet, Key Shade Carrier and Cordgrip F.C. 1022	"	400	do.	0 2 9	
† 3397. Sockets, Bayonet, Keyless Shade carrier and Cordgrip F.C. 1010	"	1,750	do.	0 0 8	
† 3398. Switches, Double Pole Tumbler, 5 amperes A.0251	"	400	do.	0 2 7 $\frac{1}{2}$	
† 3399. Switches, Double Pole Tumbler, 10 amperes A.0252	"	200	do.	0 4 5 $\frac{1}{2}$	British General Elec. Co. Ltd.
† 3400. Switches, Double Pole Tumbler, 15 amperes S.416	"	40	do.	0 6 0	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
ELECTRIC AND TELEGRAPH MATERIAL—continued.					
†3401. Switches, Double Pole Tumbler, 20 amperes A.1023	Gt. Brit.	40	each	0 7 6	Edison Swan Elec. Co. Ltd.
{ 3402. Switches, Single Pole Tumbler, 5 amperes A.0191	"	1,500	do.	0 1 0½	
3403. Switches, Single Pole, Tumbler, 10 amperes A.0192	"	150	do.	0 2 1	
† 3404. Switches, Single Pole Tumbler, 20 amperes A.0193	"	30	do.	0 3 6	
†3405. Switches, Single Pole Ceiling Type, 5 amperes	"	72	do.	0 3 6	Australian General Elec. Co. Ltd.
†3406. Tape, Adhesive, Grey, ¾" Stickatape	U.S.A.	1,500 lbs.	lb.	0 1 11½	C. R. Foster
†3407. Tape, Double proof, ½"	"	250 "	do.	0 1 11½	
†3408. Tape, Empire, ½"	Gt. Brit.	30 "	gross yds.	0 4 6	Lawrence & Hansen Elec. Co. Ltd.
{ 3409. Tape, Empire, ¾"	"	100 "	lb.	0 6 0	Mica Insulating Supplies Co.
† 3410. Tape, Empire, 1"	"	20 "	do.	0 6 0	
*3410A. Tape, Empire, straight cut, 2", 7 mil.	"	30,000 yds.	doz. yds.	0 1 0	A. L. Campbell & Co. Pty. Ltd.
{ 3410B. Tape, Empire, bias cut, 1½" x 15 mil.	"	1,500 "	do.	0 1 4	Lawrence & Hansen Elec. Co. Ltd.
* 3410C. Tape, Empire, bias cut, 1" x 15 mil.	"	5,000 "	do.	0 1 0	
†3411. Tape, Instrument	Germany	600 lbs.	lb.	0 0 6½	Theodore Zwicker Dunlop Rubber Co. of Aust. Ltd.
†3412. Tape, Rubber, pure, ½ in.	Aust.	20 "	do.	0 5 7	
†3413. Syndanyo, Sheet, ⅜" thick, any sizes ordered	Gt. Brit.	75 sq. ft.	sq. ft.	0 6 0	A. L. Campbell & Co. Pty. Ltd.
†3414. Torches, Electric, hand, 7"	"	Nil	each	.. ..	Nil
† { 3415. Tubes, Insulator, 2½" x ½"	Japan	70	do.	0 0 3	J. Danks & Son Pty. Ltd.
{ 3416. Tubes, Insulator, 3" x ⅝"	"	70	do.	0 0 3	
†3417. Tubes, Insulator, Bent, 3" x ⅜"	"	100	do.	0 0 3	Siemens Bros. & Co. Ltd.
†3418. Tubes, Insulator, Bent, 3" x ½"	"	75	do.	0 0 2	
† { 3419. Tubes, Insulator, Bent, 3" x ⅜"	"	75	do.	0 0 3	J. Danks & Son Pty. Ltd.
{ 3420. Tubes, Insulator, Bent, 5" x ⅜"	"	10	do.	0 0 6	
†3421. Wire, Leading in, Copper covered, No.18	"	20 miles	mile	.. ..	Nil
†3422. Wire, Office, 18 gauge, d.c., Braided and coated with Paraffine, red or black, as ordered	"	1 "	do.	.. ..
†3423. Wire, Office, Flexible 40/36	Gt. Brit.	2 "	100 yds.	1 10 9	Johnson & Phillips Ltd.
†3424. Wire, Office, Flexible, 23/36	"	7 "	mile	20 0 0	Edison Swan Elec. Co. Ltd.
†3425. Wire, Telephone Bell, any colours ordered	"	10 "	do.	2 15 6	W. T. Henley's Telegraph Works Ltd.
Wire, Tinned Copper Fuse:—					
{ 3426. No. 16-S.W.G.	"	60 lbs.	lb.	0 1 10	Johnson & Phillips Ltd.
{ 3426A. 18-S.W.G.	"		do.	0 1 11	
{ 3426B. 20 S.W.G.	"		do.	0 1 11	
{ 3426C. 22 S.W.G.	"		do.	0 2 0	
{ 3426D. 26 S.W.G.	"		do.	0 2 2	
{ 3426E. 28 S.W.G.	"		do.	0 2 3	
{ 3426F. 30 S.W.G.	"		do.	0 2 4	
{ 3426G. 32 S.W.G.	"		do.	0 2 6	
{ 3426H. 33 S.W.G.	"		do.	0 2 9	
{ 3426I. 38 S.W.G.	"		do.	0 3 6	
{ 3426J. 40 S.W.G.	"	do.	0 4 1		
†3427. Wire, Workshop Flexible, 40/36 600W	"	3,500 yds	100 yds.	1 12 6	British Insulated & Helsby Cables Ltd.
†3428. Wire, Workshop Flexible, 23/36	"	200 "	mile	22 8 0	Edison Swan Elec. Co. Ltd.

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—		Name of Contractor.
			Rate.	£ s. d.	
ELECTRIC AND TELEGRAPH MATERIAL—continued.					
†3429. Wire, Copper, No. 10 S.W.G., D.C.C. ..	Aust.	5 cwt.	lb.*	0 1 5·8	British Insulated & Helsby Cables Ltd.
†3430. Wire, Copper, No. 12 S.W.G., D.C.C. ..	"	5 "	do.*	0 1 5·8	
†3431. Wire, Copper, No. 13 S.W.G., D.C.C. ..	"	10 "	do.*	0 1 6·3	
†3432. Wire, Copper, No. 14 S.W.G., D.C.C. ..	"	5 "	do.*	0 1 6·3	
†3433. Wire, Copper, No. 15 S.W.G., D.C.C. ..	"	10 "	do.*	0 1 6·3	
†3434. Wire, Copper, No. 16 S.W.G., D.C.C. ..	"	5 "	do.*	0 1 8·8	
Wire, Electric Light, Rubber-covered, taped, and braided, C.M.A., 600 megohm grade—					
† 3435. 1/16 S.W.G.	Gt. Brit.	68 miles	1,000 yds	3 14 0	Johnson & Phillips Ltd.
3436. 1/8 S.W.G.	"	2 "	do.	5 18 0	
Cable, Electric Light, Rubber-covered, taped and braided, C.M.A. 600 megohm grade					
3437. 19/052	Gt. Brit.	2,000 yds.	1000 yds.	43 12 6	Johnson & Phillips Ltd.
† 3438. 19/083	"	600 "	do.	98 0 0	
3439. 7/064	"	4,000 "	do.	25 17 6	Noyes Bros. (Melb.) Pty. Ltd.
† 3440. 19/064	"	2,000 "	do.	62 0 0	
3441. 37/064	"	300 "	do.	116 5 0	Johnson & Phillips Ltd.
3442. 7/044	"	7,000 "	do.	14 12 0	
† 3443. 3/036	"	8,000 "	do.	6 0 0	Australian General Elec. Co. Ltd.
3444. 7/036	"	40,000 "	do.	10 10 0	
† 3445. 3/029	"	4,000 "	do.	5 5 0	Noyes Bros. (Melb.) Pty. Ltd.
† 3446. 7/029	"	4,000 "	do.	8 12 6	
† 3447. 7/052	"	8,000 "	do.	18 10 0	Johnson & Phillips Ltd.
3448. Cable, 1/044 Twin metal sheathed, suitable for Henley's wiring system ..	"	6,000 "	do.	16 14 0	
3449. Cable, 1/064 Twin metal sheathed, suitable for Henley's wiring system ..	"	1,200 "	do.	22 0 0	
Cable, Hard Drawn, Bare (Metal Manufacturers Ltd.)—					
3450. 7/048	Aust.	25 miles	lb.*	0 1 2·5	British Insulated & Helsby Cables Ltd.
3451. 7/036	"	30 "	do.*	0 1 3·1	
3452. 7/064	"	7½ "	do.*	0 1 2·1	Nil
3453. 19/052	"	Nil	do.	.. .. .
3454. 19/064	Aust.	5 miles	do.**	0 1 2·1	British Insulated & Helsby Cables Ltd.

TAPS AND DIES.

The Dies under Items 3508 to 3510 shall be of High Speed Steel and suitable for use in "Landis" Rotary Dieheads.

The Dies under items 3511 to 3517 shall be of High Speed Steel and suitable for use in "Herberts" Patent Self-opening Dieheads.

The Taps under Items 3519 to 3525 shall be suitable for use upon a National Semi-Automatic Nut-Tapping Machine. The Dimensions shall be in accordance with Drawing No. 75/24.

Items Nos. 3487A to 3487c shall be supplied in sets of Taper, Intermediate and Plug Taps.

Items Nos. 3532 to 3537. The Chasers shall be of Carbon Steel, and shall be supplied in sets of 2 Chasers comprising Inside and Outside. The dimensions shall be in accordance with Drawing No. 309x.

Name of Manufacturer—

Items 3455 to 3487c, 3519 to 3522.—Birmingham Small Arms.

Items 3511 to 3517A.—Alfred Herbert Ltd., England.

Taps, Whitworth Thread—					
3455. 1/8" Taper	Gt. Brit.	30	each	0 0 9	Bevan & Edwards Pty. Ltd.
3456. 1/16" Taper	"	30	do.	0 0 9½	
3457. 1/4" Taper	"	30	do.	0 0 9½	
3458. 3/16" Taper	"	30	do.	0 0 11½	
3459. 3/8" Taper	"	30	do.	0 1 1½	
3460. 1/2" Taper	"	30	do.	0 1 11	
3461. 3/4" Taper	"	30	do.	0 2 7	
3462. 7/8" Taper	"	30	do.	0 3 4	
3463. 1" Taper	"	30	do.	0 4 6	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for One Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
TAPS AND DIES—continued.					
<i>Taps, Whitworth Thread—continued.</i>					
3464. 1" Taper	Gt. Brit.	30	each	0 5 6	Bevan & Edwards Pty. Ltd.
3465. 1½" Taper	"	30	do.	0 9 10	
3466. 1½" Intermediate	"	30	do.	0 0 9	
3467. 1½" Intermediate	"	30	do.	0 0 9½	
3468. 1½" Intermediate	"	30	do.	0 0 9½	
3469. 1½" Intermediate	"	30	do.	0 0 11½	
3470. 1½" Intermediate	"	30	do.	0 1 1½	
3471. 1½" Intermediate	"	30	do.	0 1 11	
3472. 1½" Intermediate	"	30	do.	0 2 7	
3473. 1½" Intermediate	"	30	do.	0 3 4	
3474. 1½" Intermediate	"	30	do.	0 4 6	
3475. 1" Intermediate	"	30	do.	0 5 6	
3476. 1½" Intermediate	"	30	do.	0 9 10	
3477. 1½" Plug	"	30	do.	0 0 9	
3478. 1½" Plug	"	30	do.	0 0 9½	
3479. 1½" Plug	"	30	do.	0 0 9½	
3480. 1½" Plug	"	30	do.	0 0 11½	
3481. 1½" Plug	"	30	do.	0 1 1½	
3482. 1½" Plug	"	30	do.	0 1 11	
3483. 1½" Plug	"	30	do.	0 2 7	
3484. 1½" Plug	"	30	do.	0 3 4	
3485. 1½" Plug	"	30	do.	0 4 6	
3486. 1" Plug	"	30	do.	0 5 6	
3487. 1½" Plug	"	30	do.	0 9 10	
<i>Taps, Hand-working, 2 to a set—</i>					
3487A. Sizes ½" to 1", as ordered, Gas thread	"	8 sets	set	0 4 7	
3487B. Sizes ¾" to 1", as ordered, Gas thread	"	6 "	do.	0 12 11	
3487C. Sizes 1¼" to 1½", as ordered Gas thread	"	3 "	do.	1 10 11	
<i>Dies, Adjustable 2½" dia., Whitworth Thread—with guide. (Without guides a reduction of 1s. 6d. each will be allowed)—</i>					
3488. 1½"	Aust.	30	each	0 9 8	Patience & Nichol- son Ltd.
3489. 1½"	"	30	do.	0 9 8	
3490. 1½"	"	30	do.	0 9 8	
3491. 1½"	"	30	do.	0 9 8	
3492. 1½"	"	30	do.	0 9 10	
3493. 1½"	"	30	do.	0 11 3	
3494. 1½"	"	30	do.	0 12 6	
3495. 1½"	"	30	do.	0 14 0	
3496. 1"	"	30	do.	0 16 0	
<i>Dies, Adjustable, 2½" dia., Whitworth Thread—with guide. (Without guides a reduction of 2s. 6d. each will be allowed)</i>					
3497. 1½"	"	30	do.	0 11 8	Patience & Nichol- son Ltd.
3498. 1½"	"	30	do.	0 11 8	
3499. 1½"	"	30	do.	0 11 8	
3500. 1½"	"	30	do.	0 12 0	
3501. 1½"	"	30	do.	0 13 6	
3502. 1½"	"	30	do.	0 14 8	
3503. 1½"	"	30	do.	0 16 4	
3504. 1"	"	30	do.	0 18 0	
3505. 1½"	"	30	do.	1 1 0	
3506. Dies, Hand, Lightning, Whitworth thread, any trade sizes ordered	"	12 sets	set	..	
3507. Dies, Hand, Lightning, Gas thread, any trade sizes ordered	"	6 "	do.	..	
<i>Dies, "Landis" Style "F," Whitworth thread—</i>					
3508. 1" to 1½", as ordered	"	12 "	do.	..	Nil
3509. 1½" to 1¾"	"	6 "	do.	..	
3510. Dies, "Landis," Pipes, 11 and 14 threads, as ordered	"	3 "	do.	..	

Item No. and Description.	Country of Manufacture.	Estimated Requirements for the Year.	Rate per—	Rate.	Name of Contractor.
				£ s. d.	
TAPS AND DIES—continued.					
Dies, "Herbert," to suit Herbert's Die Heads—					
3511. 1", style "C," sizes $\frac{3}{8}$ " to 1", as ordered, Whitworth thread ..	Gt. Brit.	3 sets	Set	1 5 0	} Alfred Herbert (Aust.) Ltd.
3512. 1 $\frac{1}{4}$ ", style "C," sizes $\frac{1}{2}$ " to 1 $\frac{1}{4}$ ", as ordered, Whitworth thread ..	"	6 "	do.	1 11 0	
3513. 1 $\frac{1}{4}$ ", style "A," sizes $\frac{3}{8}$ " to 1 $\frac{1}{4}$ ", as ordered, Whitworth thread ..	"	1 "	do.	3 2 0	
3514. 2", style "C," sizes $\frac{3}{4}$ " to 1 $\frac{3}{4}$ " as ordered, Whitworth thread ..	"	3 "	do.	3 3 0	
3515. 1" Style "C," size $\frac{3}{4}$ " x 11" threads ..	"	3 "	do.	2 10 0	
3515A. 1" Style "C," size $\frac{7}{8}$ " x 11" threads ..	"	3 "	do.	1 5 0	
3515B. 1" Style "C," size 1" x 11" threads ..	"	3 "	do.	1 5 0	
3516. 1 $\frac{1}{4}$ " Style "C," size 1 $\frac{1}{8}$ " x 11" threads ..	"	12 "	do.	1 11 0	
3516A. 1 $\frac{1}{4}$ " Style "C," size 1 $\frac{1}{8}$ " x 11" threads ..	"	12 "	do.	1 11 0	
3517. 2" Style "C," size 1 $\frac{1}{2}$ " x 11" threads ..	"	3 "	do.	6 6 0	
3517A. 2" Style "C," size 1 $\frac{1}{2}$ " x 11" threads ..	"	3 "	do.	6 6 0	
3518. Stocks, Hand, any trade sizes ordered ..	"	Nil	do.	..	Nil
Taps, for "National" Nut-tapping Machines, to Drawing No. 75/24, Whitworth thread—					
3519. Sizes $\frac{1}{4}$ " to $\frac{3}{8}$ ", as ordered ..	Gt. Brit.	100 No.	each	0 2 9	} Bevan & Edward Pty. Ltd.
3520. Sizes $\frac{1}{2}$ " to $\frac{3}{4}$ ", as ordered ..	"	300 "	do.	0 4 10	
3521. Sizes $\frac{7}{8}$ " to 1 $\frac{1}{8}$ ", as ordered ..	"	100 "	do.	0 10 2	
3522. Sizes 1 $\frac{1}{4}$ " to 1 $\frac{1}{2}$ ", as ordered ..	"	25 "	do.	0 17 10	
3523. Size $\frac{1}{2}$ " Gas thread ..	Aust.	12 "	do.	0 10 6	} Patience & Nicholson Ltd.
3523A. Size $\frac{3}{4}$ " Gas thread ..	"	12 "	do.	0 15 3	
3523B. Size 1" Gas thread ..	"	12 "	do.	0 18 6	
3524. 1", 11 threads per inch ..	"	12 "	do.	0 13 6	
3524A. 1 $\frac{1}{8}$ ", 11 threads per inch ..	"	12 "	do.	0 15 9	
3524B. 1 $\frac{1}{16}$ ", 11 threads per inch ..	"	12 "	do.	0 16 6	
3524C. 1 $\frac{1}{4}$ ", 11 threads per inch ..	"	12 "	do.	0 18 3	
3524D. 1 $\frac{3}{8}$ ", 11 threads per inch ..	"	12 "	do.	1 1 6	
3525. $\frac{3}{4}$ ", 16 threads per inch ..	"	12 "	do.	0 9 0	
3525A. 1", 16 threads per inch ..	"	12 "	do.	0 13 6	
Taps, Horizontal Tapping Machine, right hand, Whitworth thread (left hand 20% extra each.)					
3526. 1 $\frac{1}{4}$ " ..	"	2 "	do.	0 10 0	} Patience & Nicholson Ltd.
3526A. 1 $\frac{1}{8}$ " ..	"	2 "	do.	0 13 6	
3526B. 1 $\frac{3}{8}$ " ..	"	2 "	do.	0 17 0	
3526C. 1 $\frac{1}{2}$ " ..	"	2 "	do.	1 0 0	
3526D. 1 $\frac{3}{4}$ " ..	"	2 "	do.	1 8 0	
3526E. 2" ..	"	2 "	do.	1 17 6	
3526F. 2 $\frac{1}{2}$ " ..	"	2 "	do.	2 8 0	
3526G. 2 $\frac{3}{8}$ " ..	"	2 "	do.	2 17 6	
3526H. 2 $\frac{1}{2}$ " ..	"	2 "	do.	3 5 0	
3527.—Nil	"	..	..	..
3531. Chasers, Machine (Inside and Outside), to Drawing No. 309N—	"	Nil
3532. 3 $\frac{1}{2}$ to 4 $\frac{1}{2}$ threads per in., as ordered ..	"	4 sets	set	..	
3533. 5 to 9 threads per in., as ordered ..	"	12 "	do.	..	
3534. 10 to 14 threads per in., as ordered ..	"	20 "	do.	..	
3535. 16 to 18 threads per in., as ordered ..	"	9 "	do.	..	
3536. 19 to 26 threads per in., as ordered ..	"	4 "	do.	..	
3537. 28 to 30 threads per in., as ordered ..	"	3 "	do.	..	
3538. Chasers, Machine (Outside), 4" long, 11, 12, 14, and 16 threads per in., as ordered ..	"	50 No.	each	..	
3539. Milling Cutters, High Speed Steel, any trade sizes ..	"	Nil	do.	..	



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FRIDAY, OCTOBER 10.

[1924.

Factories and Shops Acts.

DETERMINATION OF THE MUSICAL INSTRUMENTS BOARD.

NOTE.—This Determination on the 16th September, 1924, applied to the whole of the State of Victoria.

IN accordance with the provisions of the Factories and Shops Acts the Wages Board appointed "to determine the lowest prices or rates which may be paid to any persons employed in manufacturing any musical instrument of which wood forms a part" has made the following Determination, namely:—

(1) That on the 16th September, 1924, the previous Determination of this Board shall be revoked and replaced by this Determination.

(2)

ALL CLASSES OF WORKERS (OTHER THAN THOSE ENGAGED IN THE PROCESS, TRADE, OR BUSINESS OF A BUILDER OF PIPE ORGANS).

Apprentices.		Improvers.		Juvaille Workers.		All other Employees.	
WAGES.		WAGES.		WAGES.		WAGES.	
Per week of 48 hours.	Per week of 44 hours.	Per week of 48 hours.	Per week of 44 hours.	Per week of 48 hours.	Per week of 48 hours.	Per week of 48 hours.	Per week of 48 hours.
Males.	Females.	Males.	Females.	Males.	Males.	Males.	Females.
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1st year .. 16 0	..	1st year .. 22 0	..	1st year .. 18 6	Males—	..	..
1st 6 mths. .. 14 0	..	1st 6 mths. .. 18 0	..	2nd .. 30 6	Action fitters ..	..	..
2nd 6 .. 18 0	..	2nd 6 .. 23 0	..	3rd .. 39 6	Action regulators ..	..	..
2nd year .. 23 6	20 6	2nd year .. 29 0	31 6	4th .. 53 0	Tuners engaged only in the manu- facture of pianos ..	109 0	..
3rd .. 33 0	29 0	3rd .. 41 0	36 6	5th .. 63 6	Shaping machine operators ..	106 0	..
4th .. 39 6	35 0	4th .. 58 6	..		Polishers ..	..	..
5th .. 49 0	..	5th .. 69 6	..		Gramophone case makers and fitters ..	..	..
					Side gluers ..	103 0	..
					Fly finishers ..	..	..
					Part makers ..	..	..
					Sound board makers ..	..	..
					Wood machinists ..	99 6	..
					Repairers of pianos or organs in repair shops only ..	99 0	..
					Packing case makers ..	..	..
					Iron frame drillers ..	..	..
					Iron frame finishers ..	..	..
					Veneer pressers ..	91 0	..
					Stringers and bass-wire spinners ..	..	..
					Gluers-up ..	..	..
					Veneer scrapers ..	..	..
					Timber stackers ..	..	..
					Yardmen ..	87 6	..
					Labourers ..	..	..
					All others ..	..	..
						Per week of 44 hours.	45 0
						Females ..	..

(3) OVERTIME.—Any person employed in excess of the maximum number of hours fixed as a week's work shall be paid for such extra time at the rate of time and a half.

(4) SPECIAL RATES.—Double time shall be the rate for all work done on Sundays, New Year's Day, 26th January (Foundation Day), Good Friday, Easter Monday, Eight Hours Day (21st April), Christmas Day, or Boxing Day; but if any other day be by Act of Parliament or proclamation substituted for any of the above-named holidays, the special rates shall only be payable for work done on the day so substituted.

(5) PIECE-WORK.—The Board determines under the provisions of section 144 of the *Factories and Shops Act 1916* that any employer may fix and pay piece-work prices to any person employed in manufacturing or repairing pianos or in manufacturing gramophones provided that any such employer shall base such piece-work prices on the earnings of an average worker working under like conditions, and such piece-work prices shall be fixed so that an average worker can earn not less than the wages that are fixed by the Board for such work.

D. GRANT, P.M.,
Chairman.

R. T. LITTLEJOHNS,
Secretary.

Melbourne, 1st September, 1924.

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