



VICTORIA  
GOVERNMENT GAZETTE.

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No. 138.]

TUESDAY, JULY 12.

[1921.]

CONTRACTS ACCEPTED.

(SERIES 1921-22.)

SUPPLY OF REQUISITES

FOR THE

EDUCATION DEPARTMENT

FROM 1<sup>ST</sup> JULY, 1921, TO 30<sup>TH</sup> JUNE, 1922.

E. T. HOPTON,  
Acting Secretary to the Tender Board.

CONTRACTS ACCEPTED.—(Series 1921-22.)

Serial No.	Particulars.	Amount.	Name for Approval.	Charged against Vote or Fund.
<b>GENERAL STORES—</b>				
School Requisites for Education Department, as may be required from 1st July, 1921, to 30th June, 1922—				
371	Sch. 1. Requisites for Science Classes ...	Rates as per Annex	Precision Engineering Co. ...	Contingencies, 1921-22
372	" " " ...	Ditto ...	Felton, Grimwade, and Co. Pty. Ltd.	
373	" " " ...	Ditto ...	H. B. Selby and Co. ...	
374	" " " ...	Ditto ...	The Scientific Supply Co. ...	
375	" " " ...	Ditto ...	James Spicer and Sons Ltd.	
376	2. Requisites for Junior School ...	Ditto ...	Sands and McDougall Pty. Ltd.	
377	" " " ...	Ditto ...	William Detmold Ltd.	
378	" " " ...	Ditto ...	R. C. Paterson and Co. Pty. Ltd.	
379	" " " ...	Ditto ...	Melville and Mullen Pty. Ltd.	
380	" " " ...	Ditto ...	Hicks, Atkinson, and Sons Pty. Ltd.	
381	" " " ...	Ditto ...	J. Spicer and Sons Ltd. ...	
382	3. School Books, Maps, and Other Requisites ...	Ditto ...	Melville and Mullen Pty. Ltd.	
383	" " " ...	Ditto ...	J. Creffield Pty. Ltd. ...	
384	" " " ...	Ditto ...	Sands and McDougall Pty. Ltd.	
385	" " " ...	Ditto ...	James Spicer and Sons Ltd.	
386	4. Timber for Manual Training Classes ...	Ditto ...	T. Anthony and Co. Pty. Ltd.	
387	" " " ...	Ditto ...	James Moore and Sons Pty. Ltd.	
388	5. Tools and Requisites for Drawing and Manual Training Classes ...	Ditto ...	Sands and McDougall Pty. Ltd.	
389	" " " ...	Ditto ...	R. C. Paterson and Co. Pty. Ltd.	
390	6. Utensils and Requisites for Cookery Centres ...	Ditto ...	Hicks, Atkinson, and Sons Pty. Ltd.	
391	" " " ...	Ditto ...	The Mutual Store Ltd.	
392	7. Chemicals for Science Classes ...	Ditto ...	The Scientific Supply Co. ...	
393	" " " ...	Ditto ...	H. B. Selby and Co. ...	
394	" " " ...	Ditto ...	Felton, Grimwade, and Co. Pty. Ltd.	
395	8. Requisites for Science Classes ...	Ditto ...	H. B. Selby and Co. ...	
396	" " " ...	Ditto ...	The Scientific Supply Co. ...	
397	" " " ...	Ditto ...	Felton, Grimwade, and Co. Pty. Ltd.	
398	" " " ...	Ditto ...	Precision Engineering Co. ...	
399	10. Agricultural Seeds ...	Ditto ...	F. H. Brunning Pty. Ltd. ...	

Approved—H. S. W. LAWSON, Acting Treasurer. 21.6.1921.

ANNEX TO CONTRACTS Nos. 1921/371 to 1921/375.

SCHEDULE No. 1.

APPARATUS AND REQUISITES FOR ELEMENTARY SCIENCE CLASSES, EDUCATION DEPARTMENT.  
(Of Commonwealth manufacture where marked c.)

- 1921/371.—Precision Engineering Co. Security, £5.
- 1921/372.—Felton, Grimwade, and Co. Pty. Ltd. Security, £35.
- 1921/373.—H. B. Selby and Co. Security, £10.
- 1921/374.—The Scientific Supply Co. Security, £5.
- 1921/375.—James Spicer and Sons Ltd. Security, £5.

All articles to sample at the Storeroom, Education Department, except items 13, 38, 42, and 44, which must be of standard quality.

Specifications.

1. The Science Articles described hereunder shall be of the same kind, quality, and description as the samples, and must be supplied to any of the State schools in Victoria in such quantities as may be ordered from time to time.
2. Delivery of the articles will not be deemed to be made until they have been handed in good order and condition to the head teacher of the school to which they may be consigned.
3. Liquids must be delivered in suitable vessels.
4. Preference will be given to articles manufactured in the Commonwealth provided the rates are reasonable.
5. The suitability of the samples submitted for the purposes required will be taken into consideration by the Tender Board in accepting the tender in conjunction with the rates quoted.
6. An invoice, together with a form of receipt, must be forwarded to the head teacher by post at the time of consigning the articles under each order.

Item No.	Description of Articles.	Rate.	Contractors.
<i>General.</i>			
1	Simple balance to weigh 1 lb. (Troy) ...	each	Precision Engineering Co.
2	Troy weights, $\frac{1}{2}$ to 6 grains ...	per set	
3	" " $\frac{1}{2}$ to 6 dwts. ...	"	Felton, Grimwade, and Co. Pty. Ltd.
4	" " $\frac{1}{2}$ to 6 ozs. ...	"	
5	Wooden ball, 2 inches in diameter ...	each	Precision Engineering Co.
6	Cubes, 1 inch, wood ...	per dozen	
7	" " brass ...	"	H. B. Selby and Co.
8	" " zinc ...	"	
9	" " lead ...	"	
10	Rubber sheet, size 8 in. x 8 in. ...	per piece	Felton, Grimwade, and Co. Pty. Ltd.
11	File, rat-tail, 6 inch ...	each	H. B. Selby and Co.
12	" three-cornered, 6 inch ...	"	
13	Mercury ...	per lb.	Scientific Supply Co.
14	Glass funnel, 2-in. mouth, with small top to enter $\frac{1}{2}$ -in. glass tubing ...	each	H. B. Selby and Co?

CONTRACTS ACCEPTED.—(Series 1921-22)—continued.

Item No.	Description of Articles	Rate.	Contractors.
SCHEDULE No. 1—continued.			
General—continued.			
		£ s. d.	
15	Glass funnel, 4-in. mouth ... ..	each 0 1 0½	Scientific Supply Co.
16	Glass syringes, 6 inches ... ..	each 0 1 0	
17	3-way piece, metal arms about 1½ inch, bore ½ inch ... ..	" 0 1 3c	H. B. Selby & Co.
18	Flasks, 50 c.cs. ... ..	" 0 0 5	
19	" 100 " } One sample ... ..	" 0 0 5½	Felton, Grimwade, and Co. Pty. Ltd.
20	" 300 " }	" 0 0 8½	
21	I.R. Stoppers to fit flasks, 100 c.cs. ... ..	per dozen 0 1 6c	Scientific Supply Co.
22	" " " 300 " ... ..	" 0 2 0c	Precision Engineering Co.
23	Barometer tube, 36 inches ... ..	each 0 1 6c	H. B. Selby and Co.
24	" " " closed one end ... ..	" 0 2 0c	
25	" " " with bulb closed one end ... ..	" 0 3 0c	
26	Barometer frame, 40 inches ... ..	" 0 1 6c	
27	Lead shot ... ..	per lb. 0 0 8c	Precision Engineering Co.
28	Filings, copper ... ..	" 0 1 6c	
29	" brass ... ..	" 0 1 0c	H. B. Selby and Co.
30	" iron ... ..	" 0 0 6c	
31	Test tubes, ¾ inch ... ..	per dozen 0 1 0	Felton, Grimwade, and Co. Pty. Ltd.
32	" 1 " ... ..	" 0 1 6	
33	Copper rods, 18 in. x ¼ in. ... ..	each 0 0 11c	Felton, Grimwade, and Co. Pty. Ltd.
34	Brass " " ... ..	" 0 0 10c	
35	Iron " " ... ..	" 0 0 6c	
36	Spirit lamp to hold 100 c.cs. spirits ... ..	" 0 1 5	Precision Engineering Co.
37	" " " (metal) with flame regulator ... ..	" 0 4 0c	
38	Methylated spirits, in pint bottles ... ..	per pint 0 0 9c	Scientific Supply Co.
39	Asbestos mats, 6 in. x 6 in. ... ..	each 0 0 6c	H. B. Selby and Co.
40	Tripod stand, 1½ inch higher than spirit lamp ... ..	" 0 1 3c	
41	Retort " 18 inches high, iron, with brass rings ... ..	" 0 3 3c	
42	Sulphur (flowers) ... ..	per lb. 0 0 4c	Felton, Grimwade, and Co. Pty. Ltd.
43	Paraffin wax blocks, 2 in. x 2 in. x 1 in. ... ..	each 0 0 3c	Scientific Supply Co.
44	Saltpetre ... ..	per lb. 0 0 10	Felton, Grimwade, and Co. Pty. Ltd.
45	Avoirdupois weights up to 2 lbs., in sets of 8 ... ..	per set 0 3 6c	H. B. Selby and Co.
46	Measures of capacity—liter ... ..	each 0 2 9c	Precision Engineering Co.
47	" " " pint ... ..	" 0 2 6c	
48	" " " quart ... ..	" 0 x 8c	
49	" " " gallon ... ..	" 0 5 6c	
50	Metre rules ... ..	0 3 0	Felton, Grimwade, and Co. Pty. Ltd.
51	Cork borers, per set of 3 ... ..	per set—each 0 2 11	
52	Blow-pipe, brass ... ..	each 0 1 0	H. B. Selby and Co.
53	Spring balance, graduated in gram weights to weigh 250 grams ... ..	" 0 7 6	
56	2-bottle "Facile-Junior Babcock" milk tester, complete, with glassware, acid, instructions, &c. ... ..	" 2 10 0	Felton, Grimwade, and Co. Pty. Ltd.
57	Graduated test tube (100 c.cs.) ... ..	" 0 3 8	
58	Common pump model (glass) ... ..	" 0 6 0	H. B. Selby and Co.
59	Force pump model (glass) ... ..	" 0 6 0	
60	Bramah press model (glass) ... ..	" 0 10 6	James Spicer and Sons Ltd.
61	Set of capillary tubes, without stand ... ..	per set 0 0 6c	
62	Quadrants (Burgess') ... ..	" 0 5 0c	

ANNEX TO CONTRACTS NOS. 1921/376 TO 1921/381.

SCHEDULE No. 2.

REQUISITES (JUNIOR SCHOOL), EDUCATION DEPARTMENT.

Of Commonwealth manufacture where marked c.

- 1921/376.—Sands and McDougall Pty. Ltd. Security, £30.
- 1921/377.—William Detmold Ltd. Security, £25
- 1921/378.—R. C. Paterson and Co. Pty. Ltd. Security, £5.
- 1921/379.—Melville and Mullen Pty. Ltd. Security, £5.
- 1921/380.—Hicks, Atkinson, and Sons Pty. Ltd. Security, £10.
- 1921/381.—J. Spicer and Sons Pty. Ltd. Security, £5.

All items to sample at Storeroom, Education Department.

Specification.

1. The kindergarten articles described in this Schedule hereunder shall be of the same kind, quality, and description as the samples, and must be supplied to the Education Department in such quantities as may be directed from time to time.
2. The articles shall be stamped in three places by the Contractor with the stamp of the Education Department, unless otherwise directed.
3. Delivery of the articles will not be deemed to be made until they have been handed, in good order and condition, to the officer ordering the supply.
4. An invoice, together with a form of receipt, must be forwarded to the officer ordering the supply.

Item No.	Description of Articles.	Rate.	Contractors.
Drawing, Writing, and Colour Work.			
		£ s. d.	
7	Blackboards (leatherboard), 15" x 11" ... ..	per dozen 0 9 0c	Sands and McDougall Pty. Ltd.
8	Blackboards, wire stands for ... ..	" 0 2 6c	
9	Chalk, white (in gross boxes) ... ..	per gross boxes 0 2 0	Wm. Detmold Ltd.
10	" coloured (in gross boxes) ... ..	" 0 4 9	
11	Brushes (camel hair), No. 8 ... ..	each 0 0 6½	Sands and McDougall Pty. Ltd.
12	Colours, water, in tubes, as follow:—Prussian blue, crimson lake, chrome yellow, light-red, sepia, and olive green—Reeves ... ..	" 0 0 2½	R. C. Paterson and Co. Pty. Ltd.
13	Ink wells, porcelain, to fit 1½" hole, open mouths ... ..	per dozen 0 2 1c	Melville and Mullen Pty. Ltd.

CONTRACTS ACCEPTED.—(Series 1921-22)—continued.

Item No.	Description of Articles.	Rate.	Contractors.
<b>SCHEDULE NO. 2—continued.</b>			
<i>Manual Work.—Needlework.</i>			
14	Plain white card, 6½" squares ... .. per dozen packets of 50 each	0 12 6c	Sands and McDougall Pty. Ltd.
17	Needles, wool, No. 20 ... .. per dozen packets of 25 each	0 4 11	
18	Canvas, Penelope, 26" wide ... .. per yard	0 1 5½	} Hicks, Atkinson, and Sons Pty. Ltd.
<i>Manual Work.—Paper Folding and Cutting.</i>			
(One colour to packet.)			
19	Surface paper, 4" squares { 3 colours—(if possible to supply, 10 colours) } per dozen packets of 100 each	0 6 6c	} Sands and McDougall Pty. Ltd.
20	Pulp paper, 6" squares { (squares to be cut true) } per dozen packets of 100 each	0 7 0c	
22	Cartridge paper, 8" squares (squares to be cut true) ... .. per dozen packets of 100 each	0 14 3c	
<i>Modelling.</i>			
26	Glyptokos ... .. per lb.	0 0 8½c	J. Spicer and Sons Ltd.

ANNEX TO CONTRACTS NOS. 1921/382 TO 1921/385.

SCHEDULE NO. 3.

SCHOOL BOOKS, MAPS, AND OTHER REQUISITES FOR EDUCATION DEPARTMENT.

Of Commonwealth manufacture where marked c.

1921/382.—Melville and Mullen Pty. Ltd. Security, £40.

1921/383.—J. Creffield Pty. Ltd. Security, £55.

1921/384.—Sands and McDougall Pty. Ltd. Security, £6.

1921/385.—J. Spicer and Sons Ltd. Security, £30.

Sample Maps may be seen at the Education Department.

Specification.

- The books, maps, and other requisites described in the Schedule hereunder shall be of the same kind, quality, and description as the samples, and the various books and maps shall be of the latest edition, and supplied to the Education Department in such quantities as may be directed from time to time.
- The books, maps, and slates shall be stamped in three places by the Contractor with the stamp of the Education Department, unless otherwise directed.
- The Contractor shall supply teachers of State Schools, and schools connected with the Education Department, with any book or books they may require at current wholesale prices.
- Delivery of the articles will not be deemed to be made until they have been handed in good order and condition to the officer ordering the supply.
- An invoice, together with a form of receipt and consignment note, must be forwarded to the officer ordering the supply at the time of consigning the articles under each order.

Item No.	Description of Articles.	Rate.	Contractors.
<i>Arithmetics.</i>			
2	Decimals and the Metric System, Blackie and Son ... .. each	0 0 4	}
4	Pendlebury's Arithmetic, new edition ... .. "	0 5 3	
<i>Geographies.</i>			
5	Cowham's Graphic Lessons ... .. each	0 4 6	}
7	Meiklejohn's New Geography ... .. "	0 5 5	
<i>Histories.</i>			
15	History of Australia and New Zealand, A. and G. Sutherland ... .. each	0 3 2	} Melville and Mullen Pty. Ltd.
<i>Readers.</i>			
22	The Citizen Reader ... .. each	0 2 0	
<i>Miscellaneous.</i>			
27	Bell's "Concise Latin Course" ... .. each	0 2 11	}
29	Elementary Algebra, Baker and Bourne ... .. "	0 5 9	
30	Elementary Geometry, Godfrey and Siddons ... .. "	0 6 8	
31	Elements of the Theory of Music, Sutton ... .. "	0 2 7	
33	First Book of Farming, Goodrich ... .. "	0 7 0	
36	Geometrical Drawing for Art Students, Morris ... .. "	0 2 8	
<i>Maps.</i>			
45	Map of Victoria (mounting on rollers and varnishing only—4 sheets supplied by Education Department) ... .. each	0 10 9c	} J. Creffield Pty. Ltd.
46	Map of Australia (Robinson's) ... .. "	1 6 0c	
47	Map of the World " ... .. "	1 7 0c	
<i>Philip's School Maps (Large Size), Comparative Series, Physical.</i>			
48	Asia ... .. each	1 7 0c	} J. Creffield Pty. Ltd.
49	Africa ... .. "	1 2 6c	
50	Australasia ... .. "	1 12 0c	
51	Australia ... .. "	1 10 0c	
52	British Isles ... .. "	1 2 6c	
53	Europe ... .. "	1 7 0c	
54	North America ... .. "	1 1 0c	
55	South America ... .. "	1 1 0c	
56	Philip's Comparative Map of the World on Mercator's Projection (Physical) ... .. "	1 7 0c	
<i>Requisites.</i>			
59	Framed Slates, Welsh, 9 in. x 7 in. ... .. per doz.	0 9 6c	} Sands and McDougall Pty. Ltd.
60	" " 8 in. x 6 in. ... .. do.	0 8 0c	
61	Ink Wells (Porcelain), covered, to fit 1½-in. hole ... .. do.	0 2 1c	} Melville and Mullen Pty. Ltd.
62	Slate Cloth on Rollers, 48 in. x 36 in. ... .. each	0 9 0c	
63	Books, Exercises, 4½ sheets foolscap quarto ... .. gross	1 16 0c	} Sands and McDougall Pty. Ltd.
64	" " 8 sheet quarto, marble backs, stiff ... .. "	3 8 9c	
65	" " 20 sheet quarto, American cloth ... .. "	9 14 0c	

ANNEX TO CONTRACTS NOS. 1921/386 AND 1921/387.

SCHEDULE No. 4.

TIMBER FOR MANUAL TRAINING CLASSES, EDUCATION DEPARTMENT.

Commonwealth Production where marked c.

1921/386.—*T. Anthony and Co. Pty. Ltd.* Security, £210.

1921/387.—*James Moore and Sons Pty. Ltd.* Security, £230.

Specifications.

All Timber to be selected and of first quality. It must be free from shakes, waney edges, sapwood, and absolutely free from knots of any kind or any other defects, thoroughly sound, well seasoned, and close-grained or free, as may be ordered.

All Timber to be machine-planed on both sides and on all edges. The sizes quoted in the Schedules hereunder are after dressing.

All Timber to be in lengths not less than 6 feet.

All Timber must strictly conform to the specification.

Before being despatched all Timber must be inspected and stamped by an officer of the Education Department, to whom must be produced the departmental order, and the Timber referred to therein must be inspected separately and apart from any other Timber.

Actual measurements only will be paid for.

Delivery of all Timber to be subject to the approval of the Inspector of Manual Training or his Deputy, and to be delivered as directed.

An invoice of the Timber consigned under each order must be sent by post to the Teacher in charge of the Sloyd Centre or Class, as the case may be, giving the date of such consignment, and the Railway Station to which it has been forwarded.

Item No.	Description of Articles.	Rate.	Contractors.
1	Ash, American, plain, 9" x 1½"	£ s. d. 0 4 0	T. Anthony and Co. Pty. Ltd.
2	Basswood, green, 9" x 1½"	0 1 5½	
3	" " 9" x 1½"	0 1 11	
4	" " 9" x 1½"	0 2 1	
5	" " 12" x 1½"	0 1 11½	
6	Beanwood, 9" x 1"	0 1 8½ c	
7	" " 12" x 1½"	0 1 1½ c	
8	Becch, English, 6" x 1½"	0 1 3½	
9	" " 6" x 1½"	0 2 1½	
10	" Tasmanian, 9" x 1½"	0 1 2 c	
11	" " 9" x 1½"	0 1 6½ c	
12	" " 12" x 1"	0 1 3½ c	
13	" " 12" x 1½"	0 1 6½ c	
14	" " 12" x 2½"	0 3 1 c	
15	" White, 12" x 1½"	0 1 4½ c	
16	" " 12" x 1½"	0 2 0½ c	
17	" " 12" x 1"	0 2 7 c	
18	Blackwood, 9" x 1½"	0 0 11½ c	
19	" " 9" x 1"	0 1 2½ c	
20	" " 9" x 1½"	0 1 5½ c	
21	" " 9" x 1½"	0 1 11 c	
22	" " 12" x 1½"	0 0 10 c	
23	Bolly gum, 12" x 1½"	0 0 11½ c	
24	" " 12" x 1½"	0 1 7 c	
25	" " 12" x 1"	0 1 11 c	
26	Cedar, brown, Queensland, 12" x 1½"	0 0 11½ c	
27	" " " 12" x 1½"	0 1 7 c	
28	" " " 12" x 1"	0 1 11 c	
29	" red, " 9" x 1½"	0 1 5½ c	
30	" " " 12" x 1½"	0 2 7 c	
31	Kauri, 12" x 1", Queensland	0 1 4½ c	
32	" " 12" x 1"	0 1 9 c	
34	" " 12" x 2"	0 3 3 c	
36	Maple, Queensland, 12" x 1½"	0 1 4 c	
37	" " 12" x 1½"	0 2 1½ c	
38	" " 12" x 1"	0 2 8 c	
39	Oak, American, plain, 12" x 1½"	0 5 3	
40	" figured, ordinary, 9" x 1½"	0 3 3	
41	" silky, plain, 12" x 1½"	0 1 7 c	
42	" " " 12" x 1½"	0 2 1 c	
43	" " " 12" x 1"	0 2 7 c	
44	" " " 12" x 1½"	0 3 1 c	
45	Pine, clear, 7" x 1½"	0 3 6	
46	" " 9" x 1½"	0 2 3½	
47	" " 9" x 1½"	0 3 1	
48	" " 9" x 1"	0 3 10	
49	" " 12" x 1½"	0 3 1	
50	" " 12" x 1½"	0 4 1	
51	" " 12" x 1"	0 5 1	
52	" Huon, 9" x 1½"	0 0 8 c	
53	" yellow, 7" x 1½"	0 1 9½	
54	" " 9" x 1½"	0 1 2½	
55	" " 9" x 1½"	0 1 7	
56	" " 9" x 1"	0 2 0	
57	" " 12" x 1½"	0 1 7	
58	" " 12" x 1½"	0 2 1	
59	" " 12" x 1"	0 2 7	
60	Redwood, Californian, 12" x 1½"	0 0 11	
61	Rosewood, Colonial, 9" x 1½"	0 1 2½ c	
62	" " 9" x 1½"	0 2 7 c	
63	Walnut, American, 12" x 1½"	0 4 1½	
64	" " 12" x 1"	0 5 3½	
67	Kauri, New Zealand, 12" x 1½"	0 2 4	
69	" " 12" x 2½"	0 4 2	

ANNEX TO CONTRACTS NOS. 1921/388 AND 1921/389.

SCHEDULE No. 5.

TOOLS AND REQUISITES FOR DRAWING AND MANUAL TRAINING CLASSES, EDUCATION DEPARTMENT.

1921/388.—Sands and McDougall Pty. Ltd. Security, £5.  
1921/389.—R. C. Paterson and Co. Pty. Ltd. Security, £3.

Of Commonwealth Manufacture where marked c.

All items to sample at the Storeroom, Education Department.

Specification.

1. All articles described in this Schedule shall be of the same kind, quality, and description as the samples, and supplied to the Education Department in such quantities as may be directed from time to time.
2. All articles shall be stamped by the Contractor with the stamp of the Education Department, unless otherwise directed.
3. Delivery of the articles will not be deemed to be made until they have been handed in good order and condition to the officer ordering the supply.

Item No.	Description of Article.	Rate.	Contractors.
1	Compasses, brass, solid, 4-in. legs ... .. per dozen	£ s. d. 0 9 6	Sands and McDougall Pty. Ltd.
2	" blackboard, 12-in. legs ... .. "	3 0 0	
4	India-rubbers, pink, pliable, 40s. ... .. "	0 1 5 c	
5	Pins, drawing ... .. "	0 0 2½	
10	Squares, set, blackboard, 45° ... .. "	2 5 0 c	R. C. Paterson and Co. Pty. Ltd.
11	" " " 60° ... .. "	2 5 0 c	
12	" T " 42 inches, English shape ... .. "	2 8 0 c	

ANNEX TO CONTRACTS NOS. 1921/390 AND 1921/391.

SCHEDULE No. 6.

UTENSILS AND REQUISITES FOR COOKERY CENTERS FOR EDUCATION DEPARTMENT.

1921/390.—Hicks, Atkinson, and Sons Pty. Ltd. Security, £10.  
1921/391.—The Mutual Store Limited. Security, £4.

All items to sample at the Cookery Center, State School No. 2365, Queensberry-street, Carlton, except for items under Sub-schedule A, which may be seen at the Storeroom, Education Department.

Specification.

1. The articles described in the Schedule hereunder shall be of the same kind, quality, and description as the samples, and supplied to any of the Cookery Centers in Victoria, in such quantities as may be directed from time to time.
2. All articles shall be stamped in three places by the Contractor with the stamp of the Education Department unless otherwise directed.
3. Delivery of the articles will not be deemed to be made until they have been handed in good order and condition to the Teacher in Charge of the Cookery Center to which they may be consigned.

Item No.	Description of Articles.	Rate.	Contractors.
SUB-SCHEDULE A.—TABLE AND HOUSE LINEN.			
<i>All linen to be marked with name of Cookery Center.</i>			
1	Tablecloths, damask, 2½ yards long x 2 yards wide .. .. each	£ s. d. 0 13 9	Hicks, Atkinson, and Sons Pty. Ltd.
2	Tablenapkins (chequered), hemmed .. .. "	0 1 4½	
3	Face towels .. .. "	0 2 0	
4	Roller towels, 3 yards, made up .. .. "	0 4 11	
5	Straining cloths, 1 yard .. .. "	0 1 6	
6	Tea-cloths, Forfar, 1 yard, hemmed .. .. "	0 2 3	
7	Dish cloths (Dorset) .. .. "	0 0 8½	
8	Coarse house flannel .. .. per yard	0 1 11	
9	Selvyt-cloths .. .. each	0 2 11	
SUB-SCHEDULE B.—GLASS AND CHINA.			
11	Tumblers (strong), 10 ozs. .. .. per dozen	0 7 6	The Mutual Store Limited
12	Cups and saucers, china, white and gold .. .. "	0 15 0	
16	Dinner plates (plain white) .. .. "	0 16 9	
17	Pudding plates (plain white) .. .. "	0 14 3	
18	Soup plates (plain white) .. .. "	0 16 6	
19	Small vegetable dishes (plain white) .. .. each	0 8 6	
20	Meat dishes (various sizes)—		
	9" .. .. "	0 2 0	
	10" .. .. "	0 2 6	
	12" .. .. "	0 4 6	
	14" .. .. "	0 6 0	
	16" .. .. "	0 9 0	
21	Pudding basins, 1 pint (round bottoms) .. .. "	0 1 3	
21A	" " 1½ pints (round bottoms) .. .. "	0 1 8	
22	Bread crock (3 gallons) .. .. "	0 10 6	
23	Jar (lettered "salt") .. .. "	0 4 0	
24	Teapot, earthenware, brown (small), 1 pint .. .. "	0 3 3	
25	" " " 2 pints .. .. "	0 5 3	

ANNEX TO CONTRACTS Nos. 1921/392 to 1921/394.

SCHEDULE No. 7.

CHEMICALS FOR SCIENCE CLASSES FOR AGRICULTURAL HIGH SCHOOLS, HIGH AND HIGHER ELEMENTARY SCHOOLS, ETC., FOR EDUCATION DEPARTMENT.

1921/392.—*The Scientific Supply Co.* Security, £5.

1921/393.—*H. B. Selby and Co.* Security, £5.

1921/394.—*Felton, Grimwade, and Co. Pty. Ltd.* Security, £5.

Of Commonwealth Manufacture where marked c.

Specification.

All supplies must be of the best description for the purpose required, and shall be subject to approval of the officer duly authorized to accept delivery. To insure safety in transit, &c., supplies must be put up in containers if so required by the Department ordering. The cost of such containers to be borne by the Contractor.

Delivery of the articles will not be deemed to be made until they have been handed in good order and condition to the Head Teacher of the school to which they may be consigned.

Preference will be given to articles manufactured in the Commonwealth, provided the quality of such articles is satisfactory and the rates are considered reasonable.

An invoice, together with a form of receipt, must be forwarded to the Head Teacher by post at the time of consigning the articles under each order.

Item No.	Description of Articles.	Rate.	Contractors.
1	Acid, glacial, phosphoric, B.P. .. .. .	per lb.	} The Scientific Supply Co.
2	" phosphoric, cryst., chemically pure .. .. .	"	
3	Alum, ammonia, cryst. .. .. .	"	
4	Aluminium chloride, pure, cryst. .. .. .	"	} H. B. Selby and Co.
5	" coarse powder .. .. .	"	
7	Ammonium sulphate, pure .. .. .	"	} The Scientific Supply Co.
8	Aniline, chemically pure .. .. .	"	
9	Antimony chloride, pure, cryst. .. .. .	"	} H. B. Selby and Co.
10	" metal, in 2-oz. packets .. .. .	per packet	
11	Asbestos, fibre, in ¼-lb. packets .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.
12	Bismuth, oxide, hydric, pure .. .. .	per oz.	
13	Bromine, liquid, B.P., in 1-oz. bottles .. .. .	per bottle	} Felton, Grimwade, and Co. Pty. Ltd.
15	Calcium carbide, commercial, in 1-lb. tins .. .. .	per lb.	
16	" carbonate (marble chips) in bags containing 2 lbs. .. .. .	per bag	} H. B. Selby and Co.
17	" fluoride (fluor spar) .. .. .	per lb.	
19	Carbon bisulphide, in 1-lb. tins .. .. .	per tin	} Felton, Grimwade, and Co. Pty. Ltd.
20	" blocks, for blowpipe work .. .. .	per dozen	
21	Cobalt nitrate, chemically pure, cryst. .. .. .	per oz.	} H. B. Selby and Co.
22	Copper, carbonate, pure .. .. .	per lb.	
23	" foil .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.
24	Cupric nitrate, pure, cryst. .. .. .	"	
25	" oxide (black), pure powder .. .. .	"	} H. B. Selby and Co.
26	" sulphate, chemically pure, cryst., free from iron .. .. .	"	
27	" crude, commercial .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.
28	Cuprous oxide (red), pure .. .. .	"	
29	Ferric chloride, pure, dry .. .. .	"	} The Scientific Supply Co.
30	" oxide (brown) .. .. .	"	
31	Ferrous sulphide, in 1-lb. bottles, commercial .. .. .	per bottle	} Felton, Grimwade, and Co. Pty. Ltd.
32	Glucose, pure .. .. .	per lb.	
33	Indigo, dry .. .. .	per oz.	} H. B. Selby and Co.
34	Lead, metal (pure), sheet .. .. .	per lb.	
35	" oxide (litharge), pure .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.
36	" peroxide, pure .. .. .	"	
37	" red (oxide), commercial .. .. .	"	} H. B. Selby and Co.
38	Litmus, pure, granular .. .. .	per oz.	
39	Magnesium carbonate, extra light .. .. .	per lb.	} Felton, Grimwade, and Co. Pty. Ltd.
40	" nitrate, extra light .. .. .	"	
41	" oxide, heavy .. .. .	"	} The Scientific Supply Co.
42	" sulphate, cryst. (Howard's) .. .. .	"	
43	Manganese dioxide, commercial .. .. .	"	} H. B. Selby and Co.
44	Manganous carbonate, pure, in 1-oz. bottles .. .. .	per oz.	
45	" sulphate, pure .. .. .	per lb.	} The Scientific Supply Co.
46	Mercuric chloride, powder, B.P. .. .. .	"	
47	" nitrate, pure .. .. .	"	} H. B. Selby and Co.
48	Mercurous nitrate, cryst. .. .. .	"	
49	Mercuric oxide, red powder, pure .. .. .	"	} The Scientific Supply Co.
50	" sulphate, pure, neutral .. .. .	"	
51	Methyl, orange .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.
52	Microcosmic salt, pure .. .. .	"	
53	Nickel sulphate, pure .. .. .	"	} H. B. Selby and Co.
54	Phenolphthalein, pure, in 1-oz. bottles .. .. .	per bottle	
55	Phosphorus, red, powder .. .. .	per lb.	} Felton, Grimwade, and Co. Pty. Ltd.
56	" yellow, in sticks, in ¼-lb. tins .. .. .	"	
57	Platinic chloride, solution (1 : 19), in 1-oz. bottles .. .. .	per bottle	} H. B. Selby and Co.
58	Potassium, chloride .. .. .	per lb.	
59	" hydrate, sticks, in 1-lb. bottles .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.
60	" metallic, metal balls, in 1-oz. bottles .. .. .	per oz.	
61	" nitrite, pure sticks .. .. .	per lb.	} H. B. Selby and Co.
62	" sulphate, pure, cryst. .. .. .	"	
63	Powder, bleaching, commercial, in 1-lb. tins .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.
64	Soda Lime, in 1-lb. bottles .. .. .	"	
65	Sodium, phosphate, B.P., cryst. .. .. .	"	} H. B. Selby and Co.
66	" biphosphate, pure .. .. .	"	
67	" fluoride, pure .. .. .	"	} Felton, Grimwade, and Co. Pty. Ltd.

CONTRACTS ACCEPTED.—(Series 1921-22)—continued.

Item No.	Description of Articles.	Rate.	Contractors.
SCHEDULE No 7—continued.			
68	Sodium, formate, pure dry .. .. . per lb.	£ 5 0	H. B. Selby and Co.
69	" nitrate, pure, cryst. .. .. . "	0 1 0	The Scientific Supply Co.
70	" nitrite, pure, sticks .. .. . "	0 3 6	Felton, Grimwade, and Co. Pty. Ltd.
71	" peroxide, powder, in tins of 1-lb. .. .. . "	0 3 6	
72	" silicate, water glass .. .. . "	0 1 0c	H. B. Selby and Co.
73	" sulphate, chemically pure, cryst. .. .. . "	0 0 9	The Scientific Supply Co.
74	Strontium chloride, chemically pure, cryst. .. .. . "	0 3 6	H. B. Selby and Co.
75	Sulphur, roll .. .. . "	0 0 3	The Scientific Supply Co.
76	Tin bichloride, cryst., white .. .. . "	0 6 0	H. B. Selby and Co.
77	" chloride, pure, cryst. .. .. . "	0 4 0	The Scientific Supply Co.
78	" metal, foil .. .. . "	0 7 6	
79	" " granulated .. .. . "	0 6 0c	H. B. Selby and Co.
80	" metallic (pure), in sticks .. .. . "	0 7 6	The Scientific Supply Co.
81	" oxide, white .. .. . "	0 5 0	H. B. Selby and Co.
82	Zinc, metal, foil, pure .. .. . "	0 6 6c	Felton, Grimwade, and Co. Pty. Ltd.
83	" " granulated, free from arsenic .. .. . "	0 3 0c	H. B. Selby and Co.
84	" sulphate, B.P., cryst. .. .. . "	0 0 10c	Felton, Grimwade, and Co. Pty. Ltd.
85	" oxide, B.P., cryst. .. .. . "	0 1 0c	H. B. Selby and Co.

ANNEX TO CONTRACTS Nos. 1921/395 to 1921/398.

SCHEDULE No. 8.

REQUISITES FOR SCIENCE CLASSES FOR AGRICULTURAL HIGH SCHOOLS, HIGH AND HIGHER ELEMENTARY SCHOOLS, ETC., FOR EDUCATION DEPARTMENT.

- 1921/395.—H. B. Selby and Co. Security, £100.
  - 1921/396.—The Scientific Supply Co. Security, £30.
  - 1921/397.—Felton, Grimwade, and Co. Pty. Ltd. Security, £95.
  - 1921/398.—Precision Engineering Co. Security, £6.
- Of Commonwealth Manufacture where marked c.

Specification.

1. The supplies shall in all cases be subject to the approval of the Officer duly authorized to accept delivery, and may be selected by such Officer if requested.
2. Delivery of the articles will not be deemed to be made until they have been handed in good order and condition to the Head Teacher of the school to which they may be consigned.
3. Preference will be given to articles manufactured in the Commonwealth, provided the quality of such articles is satisfactory and the rates are considered reasonable.
4. An invoice, together with a form of receipt, must be forwarded to the Head Teacher by post at the time of consigning the articles under each order.
5. Items with asterisk must be to sample at Storeroom, Education Department.

Item No.	Description of Articles.	Rate.	Contractors.
SECTION I.—SIMPLE MEASUREMENTS.			
*1	Measures, tape, 22 yards long, in feet and inches, and in links .. .. . each	0 8 6	H. B. Selby and Co.
2	Boxwood scales, 1 foot long, to m.ms. and 1/10th inches .. .. . per dozen	0 9 0	
*3	Calipers, as in P.H. and Co., No. 4276, with vernier .. .. . each	0 10 0	
4	" inside and outside, 5 inches long .. .. . "	0 1 2 c	
*5	Micrometer screw gauges, 15 m.ms. to 1/100ths, as in P.H. and Co., No. 4288 .. .. . "	0 12 6 c	
*6	Micrometer screw gauges, 1/2 inch to 1/1000th inch, as in P.H. and Co., No. 4288 .. .. . "	0 12 6 c	
*7	Spirit levels, in case, 4 inches long .. .. . "	0 1 3	
*8	Burettes, Mohr's, with stopcock, 50 c.c.s. into 1/10ths, with blue line .. .. . "	0 11 6	
9	Measuring cylinders on foot with spout, graduated in c.c.s., 100 c.c.s. .. .. . "	0 4 3	
10	Measuring cylinders on foot with spout, graduated in 5 c.c.s., 500 c.c.s. .. .. . "	0 9 0	
11	Measuring cylinders on foot with spout, graduated in 10 c.c.s., 1,000 c.c.s. .. .. . "	0 13 6	
12	Pipettes, gauged, with bulb, 10 c.c.s. .. .. . "	0 1 3 c	
13	" " " 20 c.c.s. .. .. . "	0 2 0 c	
14	" " " 50 c.c.s. .. .. . "	0 2 6 c	
15	" graduated into 1/10ths, 10 c.c.s. .. .. . "	0 2 6	
16	" " " 20 c.c.s. .. .. . "	0 3 6	
17	" " " 50 c.c.s. .. .. . "	0 10 0	
*18	Gas measuring tubes, round ends, 50 c.c.s., into 1/10ths .. .. . "	0 6 6	
*19	" " " 100 c.c.s., into 1/2-in .. .. . "	0 9 6	
20	Sets of regular solids, large size, as in B. and T., No. 7175a .. .. . per set	0 7 6 c	
*21	Balances, beams of brass, with agate or steel planes and knife edges, 250 grams .. .. . each	3 5 0 c	
*23	Spring balances, circular, brass case, 1/10th kilo. to 3 kilos. .. .. . "	0 6 0	
*24	Spring balances, circular, brass case, 4 lbs. by 1 oz., as in P.H. and Co., No. 4046 .. .. . "	0 8 0	
*25	Weights, brass, with fractions in divided tray under glass, 100 grams to 1 m.gram .. .. . per box	0 13 6c	
26	Weights, in sets from 500 m.grams to 1 m.gram, aluminium or German silver .. .. . per dozen	1 10 0	



CONTRACTS ACCEPTED.—(Series 1921-22)—continued.

Item No.	Description of Articles.	Rate.	Contractors.
SECTION I.—SIMPLE MEASUREMENTS—continued.			
27	Sets of nine slotted weights, each weighing 50 grams, in iron, as in B. and T., No. 7278 .. .. .	per set	0 7 6 c
28	Brass scale pans, with silk cords and hooks, 3 inches diameter, as in P.H. and Co., No. 11500 .. .. .	per pair	0 2 0 c
29	Rubber cord, 3 m.ms. diameter .. .. .	per foot	0 0 2 c
30	Simple pendulum bobs, with fine hole drilled along a diameter, 20 m.ms., brass, as in B. and T., No. 7418A .. .. .	each	0 1 10 c
31	Simple pendulum bobs, with fine hole drilled along a diameter 20 m.ms., wood, as in B. and T., No. 7418B .. .. .	"	0 0 9 c
32	Simple pendulum bobs, brass, with fine hole drilled along a diameter, 12 m.ms., as in B. and T., No. 7418A .. .. .	"	0 1 6 c
33	Brass Wire, 26 gauge .. .. .	per lb.	0 4 6 c
34	" 30 .. .. .	"	0 4 6 c
*35	Pulleys, aluminium, on steel cone bearings, as in B. and T., No. 7340, 4 5 c.ms. diameter .. .. .	each	0 3 9 c
*36	Pulley clamps for pulley No. 7340, as in B. and T., No. 7341 .. .. .	"	0 4 9 c
*37	Pulley, aluminium, double, as in P. H. and Co., No. 11238 .. .. .	"	0 4 3 c
*38	Pulley, aluminium, triple, as in P.H. and Co., No. 11238 .. .. .	"	0 7 0 c
39	Air thermometer bulbs .. .. .	"	0 1 6 c
40	Glass Mercury Basins, heavy glass, 6 c.ms. diameter, 5 c.ms. deep, as in B. and T., No. 7570 .. .. .	"	0 1 6 c
41	Air Pumps, the "Goryk," No. 0, as in P.H. and Co., No. 11850 .. .. .	"	17 10 0
42	Bell jars, 6 in. high, 6 in. diameter, as in P.H. and Co., No. 11906 .. .. .	"	0 8 6
43	Glass tubes, 3 ft. long, fitted with stopcock, as in B. and T., No. 7605 .. .. .	"	1 10 0 c
44	Aspirators of copper, 5 litres, as in B. and T., No. 7638 .. .. .	"	1 10 0 c
*45	Pressure tubing, soft rubber, red, outside diameter 10 m.ms., inside 4 m.ms. .. .. .	per foot	0 0 7½ c
*46	I.R. tubing, good quality, 5/16th-in. bore .. .. .	"	0 0 4 c
47	Flexible metallic tubing, for Bunsen burners .. .. .	"	0 0 5½ c
48	I.R. push-on connexions for metallic tubing .. .. .	per pair	0 0 3 c
49	I.R. tubing, best I.R., 3/16th in. .. .. .	per foot	0 0 2 c
*50	S.G. bottles, 50 c.cs., drilled stopper, with counterpoise, in japanned tin case .. .. .	each	0 6 0 c
51	S.G. bottles, 25 c.cs., drilled stopper, with counterpoise, in japanned tin case .. .. .	"	0 6 0 c
52	Sprengel U tubes, 30 c.cs. capacity, as in P.H. and Co., No. 4605 .. .. .	"	0 4 6 c
*53	Bunsen burners, Edinburgh pattern, as in G. and Co., No. 227 .. .. .	"	0 2 3 c
*54	Burners, fishtail, on stand .. .. .	"	0 2 0 c
55	Beakers, hard glass, tumbler form, with spout, 100 c.cs. .. .. .	per dozen	0 6 0
56	" " " " " " 150 c.cs. .. .. .	"	0 7 0
57	" " " " " " 200 c.cs. .. .. .	"	0 8 0
58	" " " " " " 300 c.cs. .. .. .	"	0 9 0
59	Evaporating basins, porcelain, No. 0 .. .. .	each	0 1 0
60	" " " " " " No. 1 .. .. .	"	0 1 2
61	" " " " " " No. 2 .. .. .	"	0 1 9
62	" " " " " " No. 3 .. .. .	"	0 2 0
63	" " " " " " No. 4 .. .. .	"	0 2 6
64	" " " " " " No. 5 .. .. .	"	0 3 6
*65	Pneumatic troughs, japanned tin, movable shelf, with handles for lifting, 16 in. x 12 in. x 8 in. .. .. .	"	0 8 9 c
66	Bucket and cylinder for Archimedes, well made .. .. .	"	0 5 0 c
*67	Student's pneumatic troughs, without shelf, japanned tin, 10 in. x 7 in. x 5 in. .. .. .	"	0 5 0 c
68	U tubes, in 4 sizes .. .. .	"	0 0 10 c
69	Thermometer, Centigrade, to 200° at least .. .. .	"	0 5 0
*70	" Fahrenheit, to 212° at least .. .. .	"	0 4 6
71	Thermometers, Centigrade, milk glass, minus 10° to plus 110°, graduated in degrees; diameter of thermometer 6 m.ms. .. .. .	"	0 5 0
72	Thermometers, Centigrade, minus 10° to plus 110°, graduated in 1/5th degrees; diameter of thermometer 6 m.ms. .. .. .	"	0 15 0
73	Glass tubing, thick wall, in 5-ft. lengths, and about 1/2 inch diameter .. .. .	per lb.	0 2 3
74	Glass tubing, soft, 3/16th-in., 1/4-in., 5/16th-in., 3/8-in., 1/2-in., assorted .. .. .	"	0 2 2
75	Glass Tubing, hard, assorted sizes .. .. .	"	0 4 0
76	Glass Tubing, equal to Jena, combustion, assorted sizes .. .. .	"	0 5 0
77	Test Tubes, 5" x 1/2" on foot .. .. .	per dozen	0 1 0 c
78	" " " " " " 6" x 1" on foot .. .. .	"	0 9 0 c
*79	Test Tube Brushes, best bristles .. .. .	"	0 3 0 c
*80	" " Stands, with six holes and pegs .. .. .	each	0 1 2 c
*81	" " Holders, brass spring, wooden handle .. .. .	"	0 1 1 c
SECTION II.—HEAT.			
83	Thermometer tubes, with funnel top, as in P.H. and Co., No. 5011 .. .. .	"	0 0 6 c
84	Maximum and minimum thermometers on frame, as in P.H. and Co., No. 5067 .. .. .	"	0 12 6
85	Thermoscopes, simple pattern, with scale, without thermometer, as in B. and T., No. 8340 .. .. .	"	0 4 0 c
86	Regnault's apparatus, of copper, as in B. and T., No. 8348 .. .. .	"	1 1 0 c

CONTRACTS ACCEPTED.—(Series 1921-22)—continued.

Item No.	Description of Articles.		Rate.	Contractors.
<b>SECTION II.—HEAT.</b>				
87	Ice troughs, japanned tin, as in B. and T., No. 8350 ..	each	£ s. d. 0 8 6 c	H. B. Selby and Co.
*88	Metal bar and gauge, good quality, for showing expansion of metals ..	"	0 5 0 c	
*89	Gravesande's ball and ring apparatus on stand (good quality) ..	"	0 5 6 c	Felton, Grimwade, and Co. Pty. Ltd.
90	Glass bulbs, weighted with shot, as in B. and T., No. 8377 ..	"	0 1 6 c	
92	Weight thermometers, as in B. and T., No. 8382 ..	"	0 0 6 c	Precision Engineering Co.
*93	Copper calorimeters, as described in B. and T., No. 8410, but without thermometer ..	"	0 9 6 c	
94	Steam generators, copper, capacity 2 pints ..	"	0 5 9 c	Felton, Grimwade, and Co. Pty. Ltd.
95	Leslie's cube, 6 inches square, exactly as described in P.H. and Co., No. 8948 ..	"	0 2 6 c	
96	Tin screens, as in P.H. and Co., No. 8954 ..	"	0 5 0 c	H. B. Selby and Co.
*97	Metal tubes, as in P.H. and Co., No. 8958, with stands ..	"	0 8 9 c	Felton, Grimwade, and Co. Pty. Ltd.
*98	Reflector for previous item on stand ..	"	0 4 0 c	
*99	Linear expansion apparatus, exactly as in P.H. and Co., No. 8542 ..	"	1 15 0 c	H. B. Selby and Co.
*100	Contraction apparatus, as in P.H. and Co., No. 8562 ..	"	1 1 0 c	
*101	Jolly's air thermometer bulbs, as in P.H. and Co., No. 8646 ..	"	0 2 9 c	Felton, Grimwade, and Co. Pty. Ltd.
102	Apparatus for vapor pressures, complete, as in P.H. and Co., No. 8686 ..	"	1 5 0 c	
103	Apparatus for vapor pressures, complete, as in P.H. and Co., No. 8690 ..	"	0 12 6 c	The Scientific Supply Co.
*104	Cryophorus, Wollaston's, as in P.H. and Co., No. 8754 ..	"	0 10 6 c	
105	Daniel's Hygrometer, complete, as in P.H. and Co., No. 8840, with thermometer ..	"	1 17 6	Felton, Grimwade, and Co. Pty. Ltd.
106	Mason's wet and dry bulb hygrometer, as in P.H. and Co., No. 8850 ..	"	0 12 6	The Scientific Supply Co.
107	Sensitive paper, as in P.H. and Co., No. 8858 ..	per quire	0 2 6	Felton, Grimwade, and Co. Pty. Ltd.
*108	Edser's apparatus, 5 rods, as in P.H. and Co., No. 8883 ..	each	0 10 6 c	
<b>SECTION III.—ELECTRICITY AND MAGNETISM.</b>				
<i>Electricity (Frictional or Statical).</i>				
109	Cat's skin ..	each	0 2 4 c	Felton, Grimwade, and Co. Pty. Ltd.
110	Proof plane (must have ebonite insulation) ..	"	0 1 3 c	H. B. Selby and Co.
111	Rod of vulcanite, 9 inches long x $\frac{1}{4}$ inch diameter ..	"	0 1 9 c	Precision Engineering Co.
112	" " 14 inches long x $\frac{1}{4}$ inch diameter ..	"	0 3 0 c	
113	Gold leaf ..	per book	0 5 0 c	H. B. Selby and Co.
115	Glass tubes with rounded ends, 2 feet long ..	each	0 1 9 c	Felton, Grimwade, and Co. Pty. Ltd.
116	Electrophorus ebonite, 6 inches ebonite insulation ..	"	0 12 6 c	H. B. Selby and Co.
117	Pint Leyden jar ..	"	0 12 6 c	
118	Dissecting Leyden jar ..	"	0 9 6 c	Felton, Grimwade, and Co. Pty. Ltd.
119	Pith electrometer ..	"	0 1 6 c	
120	" balls ..	per dozen	0 1 0 c	H. B. Selby and Co.
121	Gold leaf electroscope ..	each	0 5 0 c	The Scientific Supply Co.
122	Wimshurst machine—plates 18 inches diameter ..	"	12 10 0 c	H. B. Selby and Co.
<i>Magnetism.</i>				
123	Bars of soft iron ..	each	0 0 4 c	Precision Engineering Co.
124	Bar magnet, in pairs ..	per pair	0 3 0 c	
125	Bar magnet and stirrup ..	each	0 4 0 c	Felton, Grimwade, and Co. Pty. Ltd.
126	Electro magnet ..	"	0 10 0 c	Precision Engineering Co.
127	Magnetic needle, 6-in. ..	"	0 1 0 c	H. B. Selby and Co.
128	Brass support for ditto ..	"	0 2 9 c	Precision Engineering Co.
129	Paraffin paper for lines of force ..	per sheet	0 0 6 c	
130	Deflection magnetometer, as in P.H., 5263 ..	each	0 15 0 c	H. B. Selby and Co.
131	Magnetic astatic needle, P.H., 5285 ..	"	0 3 0 c	
132	Dip needle, as in P.H., 5327 ..	"	1 10 0 c	
<i>Current Electricity.</i>				
133	Tangent galvanometer, as in P.H., 6719 ..	each	3 2 6 c	H. B. Selby and Co.
134	Simple cell ..	"	0 2 0 c	Felton, Grimwade, and Co. Pty. Ltd.
135	Leclanché cell ..	"	0 5 0 c	H. B. Selby and Co.
137	Bichromate, one cell, pint ..	"	0 8 6 c	Felton, Grimwade, and Co. Pty. Ltd.
138	Daniell's cell ..	"	0 4 6 c	Precision Engineering Co.
139	Dry battery ..	"	0 2 9 c	Felton, Grimwade, and Co. Pty. Ltd.
140	Bunsen battery ..	"	0 10 0 c	
141	Water decomposition apparatus, Hoffmann's Form, as in P.H., 5904 ..	"	2 0 0	H. B. Selby and Co.
142	Binding screw ..	"	0 0 6 c	
143	Insulated wire, cotton covered ..	per lb.	0 7 6	Precision Engineering Co.
144	Ruhmkorff's coil ..	each	3 10 0 c	H. B. Selby and Co.
145	Carbon lamp ..	"	0 2 9 c	Precision Engineering Co.
146	Wheatstone bridge—slide wire pattern ..	"	1 5 0 c	H. B. Selby and Co.
147	Resistance box—Post Office Form, 1 to 4,000 ohms ..	"	10 0 0 c	
148	Accumulator, as in P.H., 5672 ..	"	1 17 6	Felton, Grimwade, and Co. Pty. Ltd.
149	Orsted's apparatus ..	"	0 8 6 c	Precision Engineering Co.
150	Coils ..	"	0 5 0 c	H. B. Selby and Co.
151	Dynamo (simple), as in P.H., 6278 ..	"	4 0 0 c	Felton, Grimwade, and Co. Pty. Ltd.
152	Electric bell ..	"	0 5 6 c	Precision Engineering Co.
153	Thermopile, Nobili's ..	"	3 7 0	Felton, Grimwade, and Co. Pty. Ltd.
154	Galvanoscope, horizontal pattern ..	"	0 12 6 c	H. B. Selby and Co.
155	Galvanometer (astatic), as in P.H., 6682 ..	"	3 10 0 c	
156	Commutator (simple) ..	"	0 1 6 c	Felton, Grimwade, and Co. Pty. Ltd.
157	" (double) ..	"	0 10 6 c	
159	D'Arsonval's galvanometer, dead-beat reflecting ..	"	7 10 0	Felton, Grimwade, and Co. Pty. Ltd.
160	Ammeter, magnetic control ..	"	1 0 0	

CONTRACTS ACCEPTED.—(Series 1921-22)—continued.

Item No.	Description of Articles.	Rate.	Contractors.
SECTION III.—ELECTRICITY AND MAGNETISM—continued.			
SECTION IV.—LIGHT AND SOUND.			
161	Stop clock .. .. .	2 0 0	H. B. Selby and Co.
162	Metronome, as in P.H. 11386 .. .. .	2 0 0 c	Precision Engineering Co.
163	Tuning forks on resonance boxes, as in P.H., 10612 .. .. .	2 10 0 c	Felton, Grimwade, and Co. Pty. Ltd.
164	Monochord, as in Baird and Tatlock, 8142 .. .. .	1 10 0 c	H. B. Selby and Co.
165	Violin bow .. .. .	0 6 6	
167	Melde's apparatus .. .. .	2 5 0 c	Precision Engineering Co.
168	Chladni's plate (brass) .. .. .	0 8 6 c	
169	Rumford's photometer .. .. .	0 10 6 c	H. B. Selby and Co.
170	Mirrors, concave, convex, 6 in. diameter .. .. .	0 5 0 c	Felton, Grimwade, and Co. Pty. Ltd.
171	Plane mirror, 12 by 9 inches .. .. .	0 4 9 c	
172	Angle mirror .. .. .	1 5 0 c	H. B. Selby and Co.
173	Glass prisms, angles, 60°, 60°, 60° .. .. .	0 1 6	
174	" " " 90°, 60°, 30° .. .. .	0 2 3	Felton, Grimwade, and Co. Pty. Ltd.
175	Glass block .. .. .	0 2 6	
177	Lenses, in sets of 6 .. .. .	1 0 0	H. B. Selby and Co.
179	Optical bench .. .. .	1 15 0 c	
180	Balls to illustrate wave motion, as in P.H., 10406 .. .. .	1 5 0 c	Felton, Grimwade, and Co. Pty. Ltd.
SECTION V.—CHEMICAL APPARATUS.			
*182	Tripod stands, circular top, iron legs, height 20 cms., diam. 14 cms., outside .. .. .	0 1 4 c	Felton, Grimwade, and Co. Pty. Ltd.
184	Sand bath dishes, shallow-tinned iron, 15 cms. .. .. .	0 0 4½ c	
185	Wire gauze, 6 inches square, with asbestos centre .. .. .	0 0 10	The Scientific Supply Co.
*186	Water baths, hemispherical, with rims and handles, 18 cms. diam. .. .. .	1 1 0	
187	Ring burners, diam. 7 cms., as in G. and Co., No. 316 .. .. .	0 9 0	Felton, Grimwade, and Co. Pty. Ltd.
188	Conical flasks, hard glass, capacity 300 c.c.s. .. .. .	0 11 0	
189	" filter flasks, with side tube, 500 c.c.s. .. .. .	1 10 0	The Scientific Supply Co.
*190	Separating funnels, with tap and stopper, capacity 50 cms. .. .. .	0 3 6	
191	Retorts, stoppered, hard glass, capacity 200 c.c.s. .. .. .	0 1 9	H. B. Selby and Co.
*192	Gas retorts for oxygen, sheet iron, copper bottom .. .. .	0 12 6 c	
193	Clamps for retort stands, with double screw-block, and with double boss head, as in G. and Co., No. 526 .. .. .	0 3 6 c	Felton, Grimwade, and Co. Pty. Ltd.
194	Liebig's condenser, as in G. and Co., No. 591 .. .. .	0 4 6	
195	India-rubber corks, best quality, red rubber, two holes, to fit 100 c.c. flasks .. .. .	0 1 6 c	The Scientific Supply Co.
196	India-rubber corks, best quality, red rubber, two holes, to fit 300 c.c. flasks .. .. .	0 2 6 c	
197	Reagent bottles, ground-glass stoppers, flat top, capacity about 8 ozs., white glass, narrow mouth .. .. .	0 1 0	H. B. Selby and Co.
198	Reagent bottles, ground-glass stoppers, flat top, capacity about 8 ozs., white glass, wide mouth .. .. .	0 1 0	
*199	Clear glass bottles, wide mouth, capacity about 1 lb. .. .. .	0 0 3½ c	Felton, Grimwade, and Co. Pty. Ltd.
*200	Rubber corks to fit previous item, two holes .. .. .	0 8 6 c	
*202	Mortars and pestles of porcelain, diameter 15 cms., with spout glazed outside and inside .. .. .	0 3 0	The Scientific Supply Co.
204	Crucibles, porcelain, with cover, No. 000 .. .. .	0 14 0	
205	" " " No. 00 .. .. .	0 16 0	
206	" " " No. 0 .. .. .	0 18 0	
207	" " " No. 1 .. .. .	1 0 0	
208	Triangles, iron wire, with pipeclay tubes to support crucibles in previous item .. .. .	0 3 0 c	H. B. Selby and Co.
*209	Crucible tongs, polished iron, with bow, 17 cms. long .. .. .	1 4 0 c	
211	Watch glasses with ground edge, flat bottom, 5 cms. diam., as in G. and Co., No. 1660 .. .. .	0 3 0	The Scientific Supply Co.
212	Label books for reagents, as in G. and Co., No. 1786, Part I. .. .. .	0 3 6	Felton, Grimwade, and Co. Pty. Ltd.
213	Gas jars, cylindrical, stout white glass, ground edge, height 20 cms., diameter 5 cms. .. .. .	0 2 0	The Scientific Supply Co.
214	Ground glass plates for previous item .. .. .	0 0 4 c	
215	Deflagrating spoons with brass cap, as in G. and Co., No. 1848 .. .. .	0 1 6 c	Felton, Grimwade, and Co. Pty. Ltd.
217	Pneumatic troughs, stone-ware, salt glazed, 40 cms. diam., as in G. and Co., No. 1861 .. .. .	0 12 6 c	H. B. Selby and Co.
*218	Beehive shelves, stone-ware, diam. 8 cms., height 4 cms. .. .. .	0 1 0 c	
219	Thistle tunnels, with long necks, 30 cms. long .. .. .	0 0 5 c	The Scientific Supply Co.
220	" " " bend and 1 bulb, length 40 cms. .. .. .	0 1 0 c	
*221	Kipp's apparatus, capacity one litre, ground tap and inner tube, complete, with funnel .. .. .	1 10 0	Felton, Grimwade, and Co. Pty. Ltd.
222	Woullf's flasks, three necks, capacity, 500 c. cs., as in G. and Co., No. 1944 .. .. .	0 3 6	H. B. Selby and Co.
223	Chloride of calcium tubes, with two bulbs and straight neck, 20 cms., as in G. and Co., No. 1960 .. .. .	0 0 7½ c	The Scientific Supply Co.
225	Eudiometers, Bunsen's, graduated in c.c., length about 40 cms., straight, as in G. and Co., No. 2143a .. .. .	0 12 6	Felton, Grimwade, and Co. Pty. Ltd.
226	Clips, universal, with screw, size No. 2, as in G. and Co., No. 2550 .. .. .	0 0 10	The Scientific Supply Co.
228	Desiccators, glass, with ground cover, diameter of top 15 cms., inside, as in G. and Co., No. 3167 .. .. .	0 10 6	H. B. Selby and Co.
229	Glass three-way tubes, T and Y shapes, for connexions length of limb 40 m.ms., diam. 6 m.ms., as in G. and Co., No. 3478 .. .. .	0 0 7½ c	The Scientific Supply Co.
230	Reduction tubes, hard combustion glass, one bulb, as in G. and Co., No. 3487 .. .. .	0 1 0 c	Felton, Grimwade, and Co. Pty. Ltd.
231	Tripod and capstan-block system of apparatus, as in G. Cusson's Ltd. Catalogue of Technical Apparatus, No. 2015 .. .. .	16 0 0 c	H. B. Selby and Co.

ANNEX TO CONTRACT No. 1921/399.

Schedule No. 10.

AGRICULTURAL SEEDS FOR EDUCATION DEPARTMENT.

1921/399.—F. H. Brunning Pty. Ltd. Security £20.

SPECIFICATION.

1. The Contractor shall supply a sample packet of each kind of seed to the Education Department, and the seeds supplied to schools shall be of the same kind, quality, and description as the samples.
2. Parcels to schools more than 5 miles from the nearest railway station must be forwarded by post, the postage being prepaid by the Contractor, and charged to the Education Department when final account is submitted. Supplies ordered for delivery in Melbourne are to be delivered free of all charges at schools within a radius of 6 miles from the General Post Office. All other parcels should be sent by rail, the Stores and Transport Consignment Note to be used, as provided in Clause 11 of the Conditions of Contract.
3. The price tendered must include cost of packing and delivering at railway station or post office in Melbourne. Printed forms required by the Contractor will be supplied by the Education Department.
4. Each parcel of seeds must be despatched within fourteen days from the day on which the order was received by the Contractor, providing this does not necessitate the sending of more than 100 parcels in any one week. In the event of failure to supply within fourteen days, Clause 7 of the Conditions of Contract will be strictly enforced.
5. Preference will be given to seed grown in the Commonwealth, provided the quality of such seed is satisfactory and the rates are considered reasonable.
6. An invoice, together with a form of receipt, must be forwarded to the Head Teacher by post at the time of consigning the seeds under each order.

Item No.	Particulars.	Rate.	Name of Contractor.
1	For Autumn distribution of assortments, as ordered, as per list ...	3d. per packet	F. H. Brunning Pty. Ltd.
2	For Spring distribution of assortments, as ordered, as per list ...	3d. per packet	

FOR DISTRIBUTION IN AUTUMN.

Weight of Packet.	Name of Seed.	Weight of Packet.	Name of Seed.	Weight of Packet.	Name of Seed.
3 ozs.	*1. Wheat, Federation.	½ oz.	28. Cauliflower, Autumn Giant.	½ oz.	55. Clover, Alsike.
"	2. " Dart's Imperial.	"	29. " Eclipse.	"	56. " Subterranean.
"	3. " College Purple Straw.	"	30. Carrot, Early Short Horn.	"	57. " Cow Grass.
"	4. " Bobs.	"	31. " James' Scarlet Intermediate.	1 oz.	58. Lucerne, Hunter River.
"	5. " John Brown or Subs.	"	32. Lettuce, Cos.	"	59. " Peruvian.
"	6. " Wallace or Subs.	"	33. " Cabbage.	"	60. " Turkestan.
"	7. Oats, Algerian.	"	34. Parsnip, Hollow Crown.	½ oz.	61. Eucalyptus botryoides.
"	8. " Stout White.	"	35. Onion, Brown Spanish.	"	62. " calophylla.
"	9. " White Tartarian.	"	36. " Silverskin.	"	63. " corynocalyx.
"	10. Barley, English.	"	37. " Brown Globe or Golden Globe.	"	64. " diversicolor.
"	11. " Cape.	"	38. Turnip, Early White Stone.	"	65. " globulus.
"	12. " Skinless.	"	39. " Orange Jelly.	"	66. " hemiphloia.
4 ozs.	13. Rye.	"	40. " Jersey Lily.	"	67. " leucopylon.
1 oz.	14. Hemp.	"	41. Red Beet, Crimson Globe.	"	68. " longifolia.
"	15. Flax, Riga.	"	42. Silver Beet.	"	69. " marginata.
"	16. " Colonial.	"	43. Spinach, Prickly.	½ oz.	70. " rostrata.
4 ozs.	17. Field Pea, Dun.	"	44. Pea, Yorkshire Hero.	"	71. Acacia cultriformis.
"	18. " Partridge.	"	45. " English Wonder.	"	72. " dealbata.
½ oz.	19. Melilotus.	4 ozs.	46. Broad Bean, Leviathan.	"	73. " decurrens.
"	20. Rape, Dwarf Essex.	"	47. Grass, Perennial Rye.	"	74. " longifolia.
"	21. " Kangaroo.	1 oz.	48. " Cocksfoot.	"	75. " elata.
½ oz.	22. Cow Cabbage.	½ oz.	49. " Prairie.	"	76. " saligna.
½ oz.	23. Field Carrot, White Belgian.	"	50. " Tall Meadow Oat.	"	77. " pycnantha.
"	24. " Sinclair's Champion.	½ oz.	51. " Crested Dogstail.	½ oz.	78. Pinus insignis.
½ oz.	25. Cabbage, St. John's Day.	½ oz.	52. " Timothy.	"	79. Abies Douglasii.
"	26. " Improved Enfield Market.	½ oz.	53. " Phalaris.	"	80. Cedrus Atlantica.
"	27. " Savoy, Drumhead.	½ oz.	54. Clover, White Dutch.	"	81. Cupressus macrocarpa.
				"	82. Pittosporum undulatum.
				"	83. " eugenoides.

\* Varieties of Wheat to be changed each year by agreement.

AGRICULTURAL SEEDS FOR EDUCATION DEPARTMENT—continued.  
FOR DISTRIBUTION IN SPRING.

Weight of Packet.	Name of Seed.	Weight of Packet.	Name of Seed.	Weight of Packet.	Name of Seed.
8 ozs.	1. Maize, Eclipse.	½ oz.	27. Sugar Beet, Wanzleben.	½ oz.	53. Clover, Subterranean.
"	2. " Early Yellow Dent.	½ oz.	28. Cabbage, St. John's Day.	"	54. " Cow Grass.
"	3. " Hickory King.	"	29. " Improved Enfield Market.	1 oz.	55. Lucerne, Hunter River.
"	4. " Yellow Moruya.	"	30. " Savoy Drumhead.	"	56. " Peruvian.
½ oz.	5. Millet, Egyptian.	"	31. Cauliflower, Autumn Giant.	"	57. " Turkestan.
1 oz.	6. " Hungarian.	"	32. " Eclipse.	½ oz.	58. Eucalyptus botryoides.
"	7. Sorghum, Saccharatum.	"	33. Broccoli, Adams' Early White.	"	59. " calophylla.
"	8. " Early Amber Sugar-cane.	"	34. Kohl Rabi, Large Purple.	"	60. " corynocalyx.
"	9. " Imphee.	½ oz.	35. Pumpkin, Iron Bark.	"	61. " diversicolor.
"	10. " Broom Corn.	½ oz.	36. Melon, Citron.	"	62. " globulus.
"	11. Hemp.	"	37. Marrow, Long White Bush.	"	63. " hemiphloia.
2 ozs.	12. Cow Pea, Whip-poor-will.	"	38. Cucumber, Long Prickly.	"	64. " leucocylon.
"	13. " Black.	"	39. Celery.	"	65. " longifolia.
"	14. Soya Bean.	"	40. Red Beet, Crimson Globe.	"	66. " marginata.
½ oz.	15. Teosinte.	"	41. Silver Beet.	½ oz.	67. " rostrata.
1 oz.	16. Buckwheat.	"	42. Rhubarb, Early Albert.	"	68. Acacia cultriformis.
½ oz.	17. Rape, Dwarf Essex.	"	43. Leek, Long Flag.	"	69. " dealbata.
"	18. " Kangaroo.	4 ozs.	44. Pea, Yorkshire Hero.	"	70. " decurrens.
½ oz.	19. Chou Moellier.	"	45. " William Hurst.	"	71. " longifolia.
"	20. Kale, Thousand-headed.	"	46. French Bean, Canadian Wonder.	"	72. " elata.
½ oz.	21. Mangel, Long Red.	"	47. " Scarlet Runner.	"	73. " saligna.
"	22. " Yellow Globe.	½ oz.	48. Tomato, Earliana.	"	74. " pycnantha.
"	23. " Giant Half-sugar.	½ oz.	49. Grass, Paspalum.	½ oz.	75. Pinus insignis.
½ oz.	24. Turnip, Purple Top Yellow Aberdeen.	"	50. " Rhodes.	"	76. Abies Douglasii.
"	25. " Swede.	"	51. Clover, White Dutch.	"	77. Cedrus Atlantica.
½ oz.	26. Sugar Beet, Vilmorin's Improved.	"	52. " Alsyke.	"	78. Cupressus macrocarpa.
				"	79. Piptosporum undulatum.
				"	80. " eugenoides.

† Varieties of Maize to be changed each year by agreement.

