



West Virginia Purchasing Division

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Header

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Procurement Folder: 59506

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**State Of West Virginia
 Solicitation Response**

Proc Folder : 59506

Solicitation Description : ADDENDUM NO. 3 CHEMISTRY ANALYZER AND REAGENTS

Proc Type : Central Master Agreement

Date issued	Solicitation Closes	Solicitation No	Version
	2015-03-24 13:30:00	SR 0506 ESR03101500000002483	1

VENDOR

VC0000006062
 CAROLINA LIQUID CHEMISTRIES CORP

FOR INFORMATION CONTACT THE BUYER

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Signature X FEIN # DATE

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	DIMENSION RXL MAX INTEGRATED CHEMISTRY	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
41115807	SIEMENS OR EQUAL		DIMENSION RXL MAX INTEGRA

Extended Description : 3.1.1 Dimension RxL Max Integrated Chemistry System or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	ALBUMIN (ALB), DF13, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$194.60	

Comm Code	Manufacturer	Specification	Model #
41116004		DF13 OR EQUAL	

Extended Description : 3.1.2 Albumin (ALB), DF13, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	UREA NITROGEN (BUN), DF21, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$202.60	

Comm Code	Manufacturer	Specification	Model #
41116004		DF21 OR EQUAL	

Extended Description : 3.1.3 Urea Nitrogen (BUN), DF21, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	CALCIUM (CA), DF23A, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$197.80	

Comm Code	Manufacturer	Specification	Model #
41116004		DF23-A OR EQUAL	

Extended Description : 3.1.4 Calcium (CA), DF23A, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	CHOLESTEROL (CHOL), DF27, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$224.54	

Comm Code	Manufacturer	Specification	Model #
41116004		DF27 OR EQUAL	

Extended Description : 3.1.5 Cholesterol (CHOL), DF27, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	CREATININE (CREA), DF33A, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$226.54	

Comm Code	Manufacturer	Specification	Model #
41116004		DF33A OR EQUAL	

Extended Description : 3.1.6 Creatinine (CREA), DF33A, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	ENZYMATIC CO2 (ECO2), DF137, 360 TEST PER UNIT OR EQUAL	3.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF137 OR EQUAL	

Extended Description : 3.1.7 Enzymatic CO2 (ECO2), DF137, 360 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	GLUCOSE (GLU), DF40, 960 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$201.74	

Comm Code	Manufacturer	Specification	Model #
41116004		DF40 OR EQUAL	

Extended Description : 3.1.8 Glucose (GLU), DF40, 960 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	PHOSPHORUS (PHOS), DF61, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF61 OR EQUAL	

Extended Description : 3.1.9 Phosphorus (PHOS), DF61, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	TOTAL BILIRUBIN (TBIL), DF67A, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$201.74	

Comm Code	Manufacturer	Specification	Model #
41116004		DF67A OR EQUAL	

Extended Description : 3.1.10 Total Bilirubin (TBIL), DF67A, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	TOTAL PROTEIN (TPROT), DF73, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$206.94	

Comm Code	Manufacturer	Specification	Model #
41116004		DF73 OR EQUAL	

Extended Description : 3.1.11 Total Protein (TPROT), DF73, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	URIC ACID (URCA), DF77, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF77 OR EQUAL	

Extended Description : 3.1.12 Uric Acid (URCA), DF77, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	ALKALINE PHOSPHATE (ALP), DF15A, 360 TEST PER UNIT OR	3.00000	UNIT	\$211.74	

Comm Code	Manufacturer	Specification	Model #
41116004		DF77 OR EQUAL	

Extended Description : 3.1.13 Alkaline Phosphate (ALP), DF15A, 360 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
14	CREATININE KINASE (CK), DF29A, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF29A OR EQUAL	

Extended Description : 3.1.14 Creatinine Kinase (CK), DF29A, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
15	DIRECT BILIRUBIN (DBIL), DF25A, 320 TEST PER UNIT OR EQUAL	3.00000	UNIT	\$204.14	

Comm Code	Manufacturer	Specification	Model #
41116004		DF25A OR EQUAL	

Extended Description : 3.1.15 Direct Bilirubin (DBIL), DF25A, 320 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
16	GAMMA GLUTANYL TRANSFERASE (GGT), DF45A, 288	3.00000	UNIT	\$208.94	

Comm Code	Manufacturer	Specification	Model #
41116004		DF45A OR EQUAL	

Extended Description : 3.1.16 Gamma Glutanyl Transferase (GGT), DF45A, 288 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
17	ASPARTARTE AMINOTRANSFERASE (AST),	3.00000	UNIT	\$222.54	

Comm Code	Manufacturer	Specification	Model #
41116004		DF41A OR EQUAL	

Extended Description : 3.1.17 Aspartate Aminotransferase (AST), DF41A, 360 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
18	ALANINE AMINOTRANSFERASE (ALT), DF43A. 240 TEST PER UNIT	3.00000	UNIT	\$222.54	

Comm Code	Manufacturer	Specification	Model #
41116004		DF43A OR EQUAL	

Extended Description : 3.1.18 Alanine Aminotransferase (ALT), DF43A, 240 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
19	LACTIC DEHYDROGENASE (LDH), DF53A, 480 TEST PER UNIT OR	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF53A OR EQUAL	

Extended Description : 3.1.19 Lactic Dehydrogenase (LDH), DF53A, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
20	TRIGLYCERIDE (TGL), DF69A, 480 TEST PER UNIT OR EQUAL	2.00000	UNIT	\$237.34	

Comm Code	Manufacturer	Specification	Model #
41116004		DF69A OR EQUAL	

Extended Description : 3.1.20 Triglyceride (TGL), DF69A, 480 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
21	AMMONIA (AMON), DF19, 120 TEST PER UNIT OR EQUAL	5.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF19 OR EQUAL	

Extended Description : 3.1.21 Ammonia (AMON), DF19, 120 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
22	AMYLASE (AMY), DF17A, 240 TEST PER UNIT OR EQUAL	3.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF17A OR EQUAL	

Extended Description : 3.1.22 Amylase (AMY), DF17A, 240 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
23	IRON (IRN), DF49A, 240 TEST PER UNIT OR EQUAL	3.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF49A OR EQUAL	

Extended Description : Iron (IRN), DF49A, 240 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
24	LIPASE (LIP), DF55A, 120 TEST PER UNIT OR EQUAL	5.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF55A OR EQUAL	

Extended Description : 3.1.24 Lipase (LIP), DF55A, 120 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
25	MAGNESIUM (MG), DF57, 120 TEST PER UNIT OR EQUAL	5.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF57 OR EQUAL	

Extended Description : 3.1.25 Magnesium (MG), DF57, 120 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
26	CARBAMAZEPINE (CRBM), DF87, 80 TEST PER UNIT OR EQUAL	1.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF87 OR EQUAL	

Extended Description : 3.1.26 Carbamazepine (CRBM), DF87, 80 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
27	PHENOBARBITAL (PHNO), DF60, 80 TEST PER UNIT OR EQUAL	1.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF60 OR EQUAL	

Extended Description : 3.1.27 Phenobarbital (PHNO), DF60, 80 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
28	PHENYTOIN (PTN), DF64, 112 TEST PER UNIT OR EQUAL	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF64 OR EQUAL	

Extended Description : 3.1.28 Phenytoin (PTN), DF64, 112 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
29	VALPROIC ACID (VALP), DF78, 80 TEST PER UNIT OR EQUAL	6.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF78 OR EQUAL	

Extended Description : 3.1.29 Valproic Acid (VALP), DF78, 80 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
30	TOTAL PROSTATE SPECIFIC ANTIGEN (TPSA), RF451, 120 TEST	1.00000	UNIT	\$720.74	

Comm Code	Manufacturer	Specification	Model #
41116004		RF451 OR EQUAL	

Extended Description : 3.1.30 Total Prostate Specific Antigen (TPSA), RF451, 120 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
31	HDL CHOLESTEROL AUTOMATED (AHDL), DF48A, 240 TEST PER	4.00000	UNIT	\$389.74	

Comm Code	Manufacturer	Specification	Model #
41116004		DF48A OR EQUAL	

Extended Description : 3.1.31 HDL Cholesterol Automated (AHDL), DF48A, 240 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
32	IRON BINDING (IBCT), DF84, 240 TEST PER UNIT OR EQUAL	1.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF84 OR EQUAL	

Extended Description : 3.1.32 Iron Binding (IBCT), DF84, 240 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
33	AMMONIA (AMON) CALIBRATOR, DC25, 1 SET/3 LEVELS PER UNIT	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC25 OR EQUAL	

Extended Description : 3.1.33 Ammonia (AMON) Calibrator, DC25, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
34	CHEM I CALIBRATOR, DC18A, 1 SET/3 LEVELS PER UNIT OR	4.00000	UNIT	\$234.54	

Comm Code	Manufacturer	Specification	Model #
41116004		DC18A OR EQUAL	

Extended Description : 3.1.34 CHEM I Calibrator, DC18A, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
35	CHEM II CALIBRATOR, DC20, 1 SET/3 LEVELS PER UNIT OR	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC20 OR EQUAL	

Extended Description : 3.1.35 CHEM II Calibrator, DC20, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
36	CHOLESTEROL (CHOL) CALIBRATOR, DC16, 1 SET/3	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC16 OR EQUAL	

Extended Description : 3.1.36 Cholesterol (CHOL) Calibrator, DC16, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
37	CREATININE KINASE (CK) VERIFIER, DC26, 1 SET/3 LEVELS	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC26 OR EQUAL	

Extended Description : 3.1.37 Creatinine Kinase (CK) Verifier, DC26, 1 set/ 3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
38	ENZYMATIC CO2 (ECO2) CALIBRATOR, DC137, 1 SET/3	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC137 OR EQUAL	

Extended Description : 3.1.38 Enzymatic CO2 (ECO2) Calibrator, DC137, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
39	IRON (IRN)/TOTAL BINDING CAPACITY (TIBC) CALIBRATOR,	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC21 OR EQUAL	

Extended Description : 3.1.39 Iron (IRN)/Total Iron Binding Capacity (TIBC) Calibrator, DC21, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
40	LIPASE (LIP) VERIFIER, DC15A, 1 SET/3 LEVELS PER UNIT OR EQU	3.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC15A OR EQUAL	

Extended Description : 3.1.40 Lipase (LIP) Verifier, DC15A, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
41	TOTAL BILIRUBIN (TBIL)/DIRECT BILIRUBIN (DBIL) CALIBRATOR, D	3.00000	UNIT	\$288.54	

Comm Code	Manufacturer	Specification	Model #
41116004		DC17 OR EQUAL	

Extended Description : 3.1.41 Total Bilirubin (TBIL)/Direct Bilirubin (DBIL) Calibrator, DC17, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
42	TOTAL PROTEIN (TP)/ALBUMIN (ALB) CALIBRATOR, DC31, 1 SET/3	3.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC31 OR EQUAL	

Extended Description : 3.1.42 Total Protein/ (TP)/Albumin (ALB) Calibrator, DC31, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
43	TOTAL/FREE PROSTATE SPECIFIC ANTIGEN (T/FPESA) CALIBRATOR,	2.00000	UNIT	\$226.46	

Comm Code	Manufacturer	Specification	Model #
41116004		RC452 OR EQUAL	

Extended Description : 3.1.43 Total/Free Prostate Specific Antigen (T/FPESA) Calibrator, RC452, 1 set/3 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
44	CUVETTE CARTRIDGE, D828, 12,000 TEST PER UNIT OR EQUAL	40.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		D828 OR EQUAL	

Extended Description : 3.1.44 Cuvette Cartridge, D828, 12,000 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
45	ENZYME DILUENT (ED), 10 BTL/10 ML PER UNIT OR EQUAL	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		ED OR EQUAL	

Extended Description : 3.1.45 Enzyme Diluent (ED), 10 btl/10 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
46	PRINTER PAPER-RXL, D829, 6 ROLLS/80 FT PER UNIT OR EQUAL	12.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
14111507		D829 OR EQUAL	

Extended Description : 3.1.46 Printer Paper -RXL, D829, 6 rolls/80 ft per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
47	SAMPLE DILUENT -SD PLUS, SD PLUS, 2 BTL/50 ML PER UNIT OR	2.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		SD PLUS OR EQUAL	

Extended Description : 3.1.47 Sample Diluent -SD Plus, SD Plus, 2 btl/50 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
48	SMALL SAMPLE CUPS D8C5, 1,000 TEST PER UNIT OR EQUAL	7.00000	UNIT	\$25.50	

Comm Code	Manufacturer	Specification	Model #
41116004		D8C5 OR EQUAL	

Extended Description : 3.1.48 Small Sample Cups D8C5, 1,000 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
49	SAMPLE CUPS WITH LIDS, DSC4, 1,000 TEST PER UNIT OR EQUAL	1.00000	UNIT	\$27.00	

Comm Code	Manufacturer	Specification	Model #
41116004		DSC4 OR EQUAL	

Extended Description : 3.1.49 Sample Cups with Lids, DSC4, 1,000 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
50	CHEM WASH, RD701, 1 BTL/1800 ML PER UNIT OR EQUAL	2.00000	UNIT	\$238.54	

Comm Code	Manufacturer	Specification	Model #
41116004		RD70 OR EQUAL	

Extended Description : 3.1.50 Chem Wash, RD701, 1 btl/1800 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
51	IMT PROBE CLEANER, RD704, 12 BTL PER UNIT OR EQUAL	2.00000	UNIT	\$238.54	

Comm Code	Manufacturer	Specification	Model #
41116004		RD704 OR EQUAL	

Extended Description : 3.1.51 IMT Probe Cleaner, RD704, 12 btl per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
52	REAGENT PROBE CLEANER, RD702, 1 BTL/500 ML PER UNIT OR	30.00000	UNIT	\$250.54	

Comm Code	Manufacturer	Specification	Model #
41116004		RD702 OR EQUAL	

Extended Description : 3.1.52 Reagent Probe Cleaner, RD702, 1 btl/500 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
53	REV HETEROGENOUS MOD VESSELS, RXV1A, 1,000 TEST PER	10.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		RXV1A OR EQUAL	

Extended Description : 3.1.53 Rev Heterogenous Mod Vessels, RXV1A, 1,000 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
54	SAMPLE PROBE CLEANER, RD70G, 1 BTL/1,000 ML PER UNIT	8.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		RD70G OR EQUAL	

Extended Description : 3.1.54 Sample Probe Cleaner, RD70G, 1 btl/1,000 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
55	QUICKLYTB DILUTION CHECK, S640, 3 BAGS/1,000 ML PER UNIT	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		S640 OR EQUAL	

Extended Description : 3.1.55 QuickLYTB Dilution Check, S640, 3 bags/1,000 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
56	QUICKLYTB FLUSH SOLUTION, S630, 3 BAGS/1,000 ML PER UNIT	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		S630 OR EQUAL	

Extended Description : 3.1.56 QuickLYTB Flush Solution, S630, 3 bags/1,000 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
57	QUICKLYTB IMT CARTRIDGE, S600, 4 CARTRIDGES PER UNIT	16.00000	UNIT	\$430.54	

Comm Code	Manufacturer	Specification	Model #
41116004		S600 OR EQUAL	

Extended Description : 3.1.57 QuickLYTB IMT Cartridge, S600, 4 cartridges per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
58	QUICKLYTB SAMPLE DILUENT, S635, 1 BTL/500 ML PER UNIT OR	10.00000	UNIT	\$244.54	

Comm Code	Manufacturer	Specification	Model #
41116004		S635 OR EQUAL	

Extended Description : 3.1.58 QuickLYTB Sample Diluent, S635, 1 btl/500 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
59	QUICKLYTB STANDARD A, S620, 3 BAGS/1,000 ML PER UNIT OR	12.00000	UNIT	\$244.54	

Comm Code	Manufacturer	Specification	Model #
41116004		S620 OR EQUAL	

Extended Description : 3.1.59 QuickLYTB Standard A, S620, 3 bags/1,000 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
60	QUICKLYTB STANDARD B, S625, 3 BAGS/1,000 ML PER UNIT	7.00000	UNIT	\$244.54	

Comm Code	Manufacturer	Specification	Model #
41116004		S625 OR EQUAL	

Extended Description : 3.1.60 QuickLYTB Standard B, S625, 3 bags/1,000 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
61	SALT BRIDGE SOLUTION, D105, 3 BTL/150 ML PER UNIT OR EQUAL	6.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		D105 OR EQUAL	

Extended Description : 3.1.61 Salt Bridge Solution, D105, 3 btl/150 ml per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
62	REAGENT PROBE TIP, 715871.505, 48,000 TEST PER UNIT OR EQUAL	3.00000	UNIT	\$219.46	

Comm Code	Manufacturer	Specification	Model #
41116004		715871.505 OR EQUAL	

Extended Description : 3.1.62 Reagent Probe Tip, 715871.505, 48,000 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
63	LIQUID GLUCOSE (GLUC), DF40, 1,440 TEST PER UNIT OR EQUAL	3.00000	UNIT	\$201.74	

Comm Code	Manufacturer	Specification	Model #
41116004		DF40 OR EQUAL	

Extended Description : 3.1.63 Liquid Glucose (GLUC), DF40, 1,440 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
64	LITHIUM (LI), DF132, 80 TEST PER UNIT OR EQUAL	4.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF132 OR EQUAL	

Extended Description : 3.1.64 Lithium (LI), DF132, 80 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
65	AUTOMATED LDL CHOLESTEROL (ALDL), DF131, 120 TEST PER UNIT	16.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DF131 OR EQUAL	

Extended Description : 3.1.65 Automated LDL Cholesterol (ALDL), DF131, 120 test per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
66	AUTOMATED LDL CHOLESTEROL (ALDL) CALIBRATOR, DC131, 1	6.00000	UNIT		

Comm Code	Manufacturer	Specification	Model #
41116004		DC131 OR EQUAL	

Extended Description : 3.1.66 Automated LDL Cholesterol (ALDL) Calibrator, DC131, 1 set/5 levels per unit or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
67	INSTALLATION AND TRAINING	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
80111504			

Extended Description : 3.1.67 Installation and Training

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
68	MAINTENANCE	1.00000	EA		

Comm Code	Manufacturer	Specification	Model #
73152101			

Extended Description : 3.1.68 Maintenance

CLC720i System Agreement - Mildred Mitchell-Bateman Hospital

Agreement Number: _____

Chemistry	Part #	Description	Price	Kits/Year	Cost/Year	Cost/Test
ALB (Albumin)	ST224	4x150 Tests	\$187.34	5	\$936.70	\$0.31
ALP (Alkaline Phosphatase)	ST206	4x200 Tests	\$211.74	4	\$846.96	\$0.26
ALT (Alanine Aminotransferase)	ST240	4x300 Tests	\$222.54	3	\$667.62	\$0.19
AST (Aspartate Aminotransferase)	ST241	4x300 Tests	\$222.54	3	\$667.62	\$0.19
BUN (Blood Urea Nitrogen)	ST252	4x200 Tests	\$195.34	3	\$586.02	\$0.24
CALC (Calcium)	ST251	4x200 Tests	\$190.54	3	\$571.62	\$0.24
CHOL (Cholesterol)	ST211	4x200 Tests	\$224.54	2	\$449.08	\$0.28
CO2 (Carbon Dioxide)	ST313	4x200 Tests	\$222.54	4	\$890.16	\$0.28
CREA (Creatinine)	ST243	4x250 Tests	\$223.54	3	\$670.62	\$0.22
DBIL (Direct Bilirubin)	ST229	4x150 Tests	\$204.14	3	\$612.42	\$0.34
GGT (Gamma-Glutamyl Transferase)	ST209	4x250 Tests	\$208.94	2	\$417.88	\$0.21
GLU (Glucose)	ST208	4x200 Tests	\$201.74	3	\$605.22	\$0.25
HDL (HDL Cholesterol Direct)	ST616	2x250 Tests	\$389.74	3	\$1,169.22	\$0.78
NA/K/CL (Sodium/Potassium/Chloride)	BA34-10-63673	1x1250 Tests	\$430.54	2	\$861.08	\$0.34
ST AIA PACK, PSA ***	025263	20 cupsx5 trays	\$720.70	2	\$1,441.39	\$7.21
TBIL (Total Bilirubin)	ST228	4x200 Tests	\$201.74	4	\$806.96	\$0.25
TP (Total Protein)	ST217	4x200 Tests	\$206.94	4	\$827.76	\$0.26
TRIG (Triglycerides)	ST213	4x200 Tests	\$237.34	2	\$474.68	\$0.30

*** For use on Tosoh Instrument

Reagent Total	\$13,503.04
Calibrator Total	\$4,133.03
Control Total	<u>\$27,884.84</u>
Grand Total	\$45,520.91
Monthly Total	\$3,793.41

Included: New CLC720i chemistry system plus DI H2O System (if applicable)
 Reagents, Calibrators and Controls for selected test panels
 Service including labor and non-consumable parts. Tax and Freight not included.
 Installation, Validation assistance, and Training for 1 at CLC Training Center

Customer Agrees to: Purchase above kits monthly for above panels / tests.

Carolina Liquid Chemistries Corp.

Mildred Mitchell-Bateman Hospital

Signature

Company Name

Signature

Name

Name

Date

Date

Calibrators

	Part #	Description	Price	Kits/Year	Cost/Year
AIA PACK, PSA Calibrator Set ***	020363	0&Pos.;4 x 1 mL	\$226.46	2	\$452.92
Bilirubin Calibrator	CC465915	10x1 mL	\$288.54	3	\$865.62
Serum Calibrator - CLC720	28200	6x5mL	\$234.54	12	\$2,814.49
			Calibrator Total		\$4,133.03

*** For use on Tosoh Instrument

Carolina Liquid Chemistries Corp.

Mildred Mitchell-Bateman Hospital

Company Name

Signature

Signature

Name

Name

Date

Date

Controls and Consumables		Part #	Description	Price	Kits/Year	Cost/Year
Acid Wash Solution		100262	2x500 mL	\$238.54	6	\$1,431.24
AIA PACK, PSA Linearity Set ***		020663	2x4mL;2x2mL	\$235.54	2	\$471.08
AIA PACK, Sample Diluting Solution ***		020563	4x4mL	\$259.42	2	\$518.84
Alkaline Wash Solution		100263	2x500 mL	\$238.54	12	\$2,862.49
CD80 CLC720 Cleaning Solution		ST160	2x1 L	\$235.54	48	\$11,305.95
Lamp Module - CLC 720	801-BA800022200		Each	\$232.54	2	\$465.08
CLC720 CHMTRK H Assy Level 1		ST23-640065	6x5 mL	\$244.54	9	\$2,200.86
CLC720 CHMTRK H Assy Level 2		ST23-640066	6x5 mL	\$244.54	9	\$2,200.86
CLC720 CHMTRK H Assy Level 3		ST23-640067	6x5 mL	\$244.54	9	\$2,200.86
Cleaning Solution Kit - ISE CLC720		BA34-10-63645	1x90 mL	\$250.54	2	\$501.08
ISE Control Kit - CLC720		BA34-10-63669	Each	\$310.54	12	\$3,726.49
				Control Total		\$27,884.84

*** For use on Tosoh Instrument

Carolina Liquid Chemistries Corp.

Mildred Mitchell-Bateman Hospital

Company Name

Signature

Signature

Name

Name

Date

Date

CLC720


Chemistry Analyzer

Routine chemistry. Special chemistry. Urine drug tests.





CLC720 Chemistry Analyzer

- 
- Discrete, random access, fully automated
 - Up to 560 tests per hour with ISE
 - Up to 77 onboard chemistries plus Na+, K+, Cl-
 - Refrigerated reagent compartment
 - Sample tray: 90 positions
 - Automatic probe cleaning, liquid level detection, clot detection, probe collision protection
 - 8-step auto washing system
 - 12 wavelengths: 340–800nm
 - Automatic dilution of high samples above usable range
 - Internal reagent and sample barcode reader
 - Bi-directional LIS interface with host query
 - Eliminates the need for cumbersome racks
 - Pre-dilution for certain assays
 - STAT capabilities



Real-time monitoring of working status.

Clot detection to avoid incorrect reaction at the very beginning of the reaction process.

High performance, reusable cuvettes, and accurate results.

CLC720 Chemistry Analyzer Test Menu

Acid Phos
Aldolase
Albumin
Alcohol
Alk Phos
ALT
Amikacin
Ammonia
Amylase
APO A1
APO B
ASO
AST
BUN
BUN, urine
C3
C4
Calcium
Calcium, urine
Carbamazepine
Chloride
Chloride, urine
Cholesterol
Cholinesterase
CK
CK-MB
CO2
Creat, urine
Creatinine
CRP
CRP wide-range
Cystatin C
D-dimer

Digoxin
Direct Bilirubin
Fibrinogen
Fructosamine
Gentamicin
GGT
Glucose
Glucose, urine
GlycoMark™
Haptoglobin
HBD
HDL-direct
HbA1c
Homocysteine
hsCRP
IgA
IgG
IgM
Insulin
Iron
Lactate
LP(a)
LDH
LDL-direct
Lidocaine
Lipase
Lithium
Magnesium
Methaqualone
Microalbumin
NAPA
Phenobarbital
Phenytoin

Phosphorus
Phosphorus, urine
Plac® Test
Potassium
Potassium urine
Prealbumin
Primidone
Procainamide
Propoxyphene
Quinidine
RF
Salicylate
Sodium
Sodium,urine
Theophylline
Thyroxine (T4)
TIBC
TIBC Direct
Tobramycin
Total Bile Acids
Total Bilirubin
Total Protein, urine
Transferrin
Triglycerides
T-Uptake
UIBC
Uric Acid
Uric Acid, urine
Valproic Acid
Vancomycin
Vitamin D

Plac® Test is a registered trademark of diaDexus.

Urine Drug Tests

ALCOHOL

Ethanol
Ethanol Metabolite (EtG*)

ILLICIT DRUGS

Cannabinoids (THC)
Cocaine
Cocaine Metabolite
Ecstasy (MDMA)
Heroin (6-AM)
K2* (synthetic marijuana)
Methamphetamine
Phencyclidine (PCP)

BARBITURATES

BENZODIAZEPINES

OPIOIDS

Buprenorphine
Fentanyl*
Hydrocodone*
Meperidine*
Methadone
Methadone Metabolite (EDDP)
Oxycodone
Propoxyphene
Tapentadol*
Tramadol*

MUSCULOSKELETAL RELAXANTS

Carisoprodol*



SEDATIVES/HYPNOTICS

Zolpidem*

STIMULANTS

Cotinine* (nicotine metabolite)
Amphetamine

TRICYCLIC ANTIDEPRESSANTS

ADULTERANTS

Aldehyde
BUN
Chromate Reagent
Creatinine (UCREA)
Halogen
Nitrite
Oxidant
pH reagent
Specific Gravity, and more...

* for forensic use only

carolinachemistries.com

NEW ASSAYS: HYDROCODONE* & VITAMIN D

CLC720 Chemistry Analyzer

Technical Specifications



System function:

Fully automated, discrete, random access for routine, STAT, urine and homogeneous immunoassays; STAT sample priority

Throughput: Up to 400 tests/hour, up to 560 tests/hour without Li

Measuring principles: Absorbance photometry, turbidimetry

Methodology: End-point, Fixed-time, Kinetic, ISE
Single/Dual/Triple/Quadruple reagent chemistries, monochromatic/bichromatic

Programming: User defined profiles and calculations

Sample Handling:

Sample tray: 90 positions

Sample volume: 2-45µl, step by 0.1µl

Sample probe: Liquid level detection, clot detection and collision protection

Probe cleaning: Automatic washing both interior and exterior, carry-over ≤ 0.1%

Automatic sample dilution: Pre-dilution and post-dilution with ratio up to 1:150

Dilution vessel: Cuvette

Internal bar code reader:

Used for sample and reagent programming; applicable to various bar code systems including Codabar, ITF (Interleaved Two of Five), code128, code39, UPC/EAN, Code93; capable of communicating with LIS in a bi-directional mode

ISE Module:

K+, Na+, Cl-

Throughput: Up to 240 tests per hour

Reagent Handling:

Reagent tray: 80 positions in refrigerated compartment (4-10° C) R1: 150~350µl, step by 1µl; R2/R3/R4: 20~350µl, step by 1µl
2 independent reagent probes

Reagent probe: Liquid level detection, collision protection and inventory checking

Probe cleaning: Automatic washing both interior and exterior

Reaction System:

Reaction rotor: Rotating tray, 90 cuvettes with automatic washing

Cuvette: Optical length 5mm

Reaction volume: 150-360µl

Operating temperature: 37° C

Temperature fluctuation: ±0.1° C

Mixing system: 2 independent mixers

Optical System:

Light source: halogen-tungsten lamp

Photometer: Reversed optics, grating photometry

Wavelength: 340nm, 380nm, 412nm, 450nm, 505nm, 546nm, 570nm, 605nm, 660nm, 700nm, 740nm, 800nm

Absorbance range: 0-3Abs (10mm conversion)

Resolution: 0.001 Abs

Control and Calibration:

Calibration mode: Linear (one-point, two-point and multi-point), Logit-Log 4P, Logit-Log 5P, Spline, exponential, Polynomial, Parabola

Control rules: Westgard multi-rule, Cumulative sum check, twin plot

Operation Unit:

Operation system: Windows® 7/Windows® XP, Dell 380

Interface: RS-232

Working Conditions:

Power Supply: 110/115V

Temperature: 15-30° C

Humidity: 35-80%

Water consumption: 20L/hour

Dimension: 46" x 27" x 45" (W x D x H)

Weight: 551 lbs (250 Kg)

CLC720.rv1403



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Carolina Liquid Chemistries

Authorized Signature: [Signature] Date: 10 MAR 15

State of North Carolina

County of Forsyth, to-wit:

Taken, subscribed, and sworn to before me this 10 day of March, 2015.

My Commission expires June 28, 2016.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]
Purchasing Affidavit (Revised 07/01/2012)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: MMB150000003

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

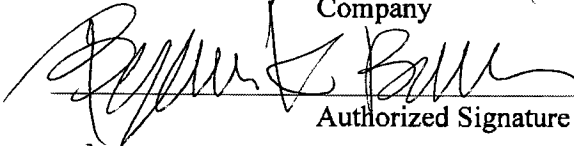
Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Carolina Liquid Chemistries
Company

Authorized Signature
10MAR15
Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

State of West Virginia VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

- 1. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
 Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
- 2. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 3. **Application is made for 2.5% vendor preference for the reason checked:**
 Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
- 4. **Application is made for 5% vendor preference for the reason checked:**
 Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
- 5. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
- 6. **Application is made for 3.5% vendor preference who is a veteran for the reason checked:**
 Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
- 7. **Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §5A-3-59 and *West Virginia Code of State Rules*.**
 Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Kille Barnes

Signed: [Signature]

Date: 10/26/15

Title: National Accounts Manager



Tosoh AIA Test Menu

Unit Dose Test Cup Reagent System

- Dry reagent format
- 90 day calibration stability for most assays
- Single, unitized cups - No pre-mixing or measuring
- Interchangeable results between Tosoh AIA Systems
- Bar-coded for identification/inventory management
- 10 minute incubation time for most assays



One Reagent for all Tosoh AIA Systems

The AIA-PACK Test Cup format works with every Tosoh AIA Automated Immunoassay System. Reagents are interchangeable, so laboratories with more than one Tosoh system can use the same reagents. Transition between systems is seamless, ensuring consistent results and efficient, economical operation for the laboratory. Extensive test menu includes: cardiac, thyroid, reproductive, tumor, metabolic, diabetes, kidney, anemia assays and more.



AIA-360
36 Tests Per Hour



AIA-600 II
60 Tests Per Hour



AIA-900
90 Tests Per Hour

*AIA-900 is also
available as 9 tray
and 19 tray sorter models.*



AIA-2000
200 Tests Per Hour

TOSOH BIOSCIENCE

Tosoh AIA Test Menu

10 minute incubation unless otherwise noted.

Tumor Markers

AFP
CEA
PSA
CA 125
CA 27.29
CA 19-9

Diabetes Assays

C-Peptide
HbA1c •
Insulin

Thyroid

TSH
TT3
T4
FT3
FT4
T-Uptake
TSH 3rd Gen ♦
TPO Ab ♦
Tg Ab ♦

Cardiac Markers

CKMB
Troponin I 2nd Gen
Myoglobin

Anemia

Ferritin
Vitamin B12 ♦
Folate ♦
RBC Folate ♦

Reproductive

β-HCG
DHEA-S
Estradiol
FSH
LH II
Prolactin
Progesterone
Testosterone

Kidney Marker Assays

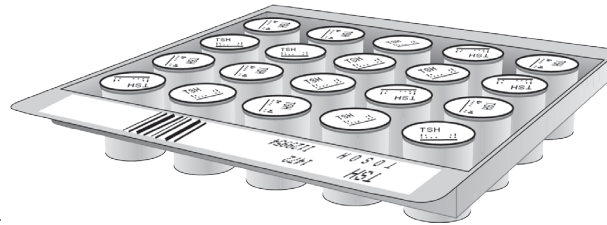
β-2 Microglobulin
Cystatin C
iPTH

Metabolic

Cortisol
HGH

Additional Assays

ACTH
Homocysteine **New!**
IgE II
PAP
Vitamin D ♦ **New!**

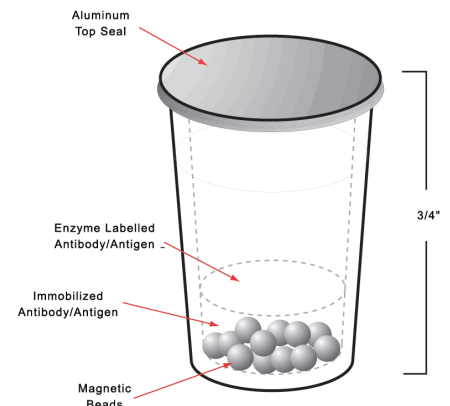


- Available on AIA-360, AIA-600 II and AIA-900 only.
- ♦ 40 minute incubation. Not available for use on AIA-360.

Reagent Tray - 20 Test Cups/tray

Unit Dose Test Cup Reagents

- Single, unitized cups use a dry reagent format that requires no pre-mixing, no pre-measuring, no on-board refrigeration and no waste.
- Dry reagent format ensures calibration stability of up to 90 days for most assays.
- Reagents have a one year shelf life from date of manufacture.
- The AIA test cups and trays are labeled with code and lot number for automated scheduling and inventory management on the AIA-2000, AIA-1800 and AIA-900 sorter models.
- ST AIA-PACK reagents provide a faster turnaround time due to a 10 minute incubation protocol.
- Extensive test menu provides a wide range of immunoassay tests including thyroid, cardiac markers, tumor markers, reproductive hormones, anemia markers, metabolic markers, diabetes, kidney markers and more.



Test Cup Diagram



TOSOH BIOSCIENCE

TOSOH

Tosoh Bioscience, Inc.
6000 Shoreline Court, Suite 101
South San Francisco, CA 94080
Tel: (800) 248-6764
Fax: (650) 615-0415
www.tosohbioscience.us



CRFQ 0506-MMB1500000003

Carolina Liquid Chemistries, Corp

Wake Forest Biotech Place
575 N Patterson Ave, Suite 430
Winston-Salem, NC 27101
(336) 722-8910
Veteran-owned Small Business
DUNS- 962385787

Kyle Barnes
National Accounts Manager
(336) 722-8910 x 135

List of included Attachments

1. Price Sheet
2. Vendor Preference Certificate
3. Purchasing Affidavit
4. Addendum Acknowledgement Form
5. Certificate of Insurance
6. ISO Certification
7. CLC720 Brochure
8. Tosoh AIA test menu



Package inserts available upon request



CRFQ 0506-MMB1500000003

Carolina Liquid Chemistries, Corp

Wake Forest Biotech Place
575 N Patterson Ave, Suite 430
Winston-Salem, NC 27101
(336) 722-8910
Veteran-owned Small Business
DUNS- 962385787

Kyle Barnes
National Accounts Manager
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8. Tosoh AIA test menu



Package inserts available upon request



Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485: 2003

This is to certify that:

**Carolina Liquid Chemistries Corporation
510 West Central Avenue
Suite C
Brea
California
92821
USA**

Holds Certificate No: **FM 508697**

and operates a Quality Management System which complies with the requirements of ISO 13485: 2003 for the following scope:

A manufacturer and distributor of clinical chemistry reagent kits.

For and on behalf of BSI:

VP Regulatory Affairs, BSI Group America Inc.

Originally Registered: **07/28/2006**

Latest Issue: **05/22/2012**

Expiry Date: **06/08/2015**



Page: 1 of 1

This certificate remains the property of BSI and shall be returned immediately upon request.
An electronic certificate can be authenticated online. Printed copies can be validated at www.bsigroup.com/ClientDirectory
To be read in conjunction with the scope above or the attached appendix.
Americas Headquarters: BSI Group America Inc., 12110 Sunset Hills Road, Suite 200, Reston, VA 20190, USA.
A Member of the BSI Group of Companies.

