

Capital Authorization Request Lake Fork Health Service District

Date: 08/21/2017

Control Number (year plus project# i.e. 06-001): 17-008

Project: Purchase New Hematology Machine

Project Description: Purchase Micros 60 CT

Estimated Cost (Please itemize):

- **Equipment cost \$12,769.00**
- **Installation cost**
- **Training cost**
- **Other**
- **Total cost \$12,769.00**

Rationale for Project (include annualized cost savings or revenue generation):

Current machine, cell dyne, will no longer be supported by the end of this year.

Contract to renew support through the end of the year would cost over \$4,000.

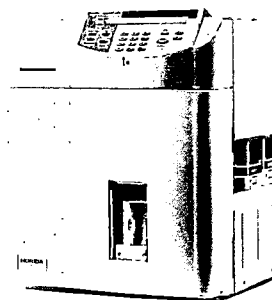
Estimated Start and Completion for Project with key steps:

08/2017-09/2017

Requested by: Jessica Whiddon

ABX Micros 60

Process efficiency in Hematology



PHYSICAL SPECIFICATIONS

• Dimensions & Weight:

Height	Width	Depth	Weight
44 cm	36 cm	33cm	14 Kg
16.5 in	14.2 in	12.6 in	31 lb

• Throughput:

Up to 55 samples/hour in Closed or Open Tube

• Specimen Volume:

CBC - 10 µl / CBC 3 part DIFF - 10µl

• Power Requirements:

Power supply from 90 Vac to 240 Vac
50 Hz to 60 Hz
Power consumption Maximum 230 VA

• Reagents:

Micros 60 bottle reagents:

Minidil
Alphalyse 360
Miniclean
Minilyse

Micros 60 Pack reagents:

Minipack

• Sound Pressure Level:

<60 dBa

• Operating Temperature & Humidity:

16 - 34°C (61 - 93°F) room temperature
Maximum relative humidity 80% for temperature up to 31°C (88°F)
decreasing linearity humidity at 40°C (104°F)

METHODS & TECHNOLOGIES

• RBC/PLT detection principles

Method Impedance

• HGB measurement

Method Photometry
Wavelength 555 nm

• HCT measurement

Method Numeric integration

• WBC measurement

Method Impedance

• 3 part Differentiation

Method Impedance
Specific lyse action

• Calculated Parameters

MCV, MCH, MCHC, RDW

CERTIFICATIONS

UL 61010-1:204 R7.05

CAN/CSA-C22.2 NO. 61010-1-0-4

SOFTWARE SPECIFICATIONS

• Data Processing:

LCD screen with 2 lines of 40 alphanumeric characters
Capacity: Last result + graphics
Optional memory smart card - 78 results
Unidirectional connection RS 232
QC and Patient results can be transmitted to LIS

• Quality Control Management:

Smart card based QC - standalone (31 data points x 3 levels)
Optional Lite DM™ data management software

PARAMETERS & PERFORMANCE DATA

• 16 Parameters

WBC	RBC	RDW
GRA # & GRA%	HGB	PLT
MON# & MON%	HCT	MPV
LYM# & LYM%	MCV	
	MCH	
	MCHC	

• Linearity:

Parameters	Limits
WBC	0 - 100 x 10 ⁹ /mm ³
RBC	0 - 8 x 10 ⁶ /mm ³
HGB	0 - 26 g/dL
HCT	0 - 80%
PLT (A)*	0 - 2200 x 10 ⁹ /mm ³
PLT (B)*	0 - 4000 x 10 ⁹ /mm ³

• Precision:

Parameters	%CV	Nominal Values
WBC	< 2.5	10 x 10 ⁹ /µL
RBC	< 2.0	5 x 10 ⁶ /µL
HGB	< 1.5	15 g/dL
HCT	< 2.0	45%
PLT	< 5.0	300 x 10 ⁹ /µL

• Carry-over:

Parameters	%	Blood count level
WBC	< 0.5	63.0 x 10 ⁹ /mm ³
RBC	< 0.5	7.58 x 10 ⁶ /mm ³
HGB	< 0.5	23.4 g/dL
PLT	< 0.5	988 x 10 ⁹ /mm ³

*A for Hgb > 2 g/dL and RBC > 0.5 x 10⁶/mm³

*B for Hgb < 2 g/dL and RBC > 0.5 x 10⁶/mm³

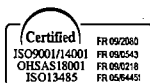
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Medical

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HORIBA Medical online : <http://www.horiba.com/medical>



Operating IMS

Customer: Lake City Area Medical Center
700 North Henson
Lake City CO 81235
Attn: Beuford T. Durmon MD
Tel: 970-944-2331

Distributor: McKesson Medical Surgical **McKESSON**
8741 Landmark Road
Richmond VA 23228 USA
Contact: David Horen
Tel: (800) 446-3008
Email: David.horen@mckesson.com
Empowering Healthcare

Instruments and Accessories *This quote is for the combined Outright purchase of the following equipment*

Description	Units	Retail List Price	Customer Price
Micros 60 CT - 16P using DM 5300001371	1	\$17,911.00	\$17,911.00 12,769.00
LiteDMv3 Data Manager 5300000318	1	\$3,874.00	\$0.00
Total		\$21,785.00	\$17,911.00 PROMO Price \$12,769.00

* Customer price reflects discounted pricing based on combined purchase and purchase commitment. All pricing is exclusive of any applicable taxes, insurance, shipping and delivery charges.

Service

Name	Years	Retail Price Annual	*Discounted Price Annual	Customer Price Term
Micros 60 using Lite DM Data Manager	4	\$4,290.00	\$3,600.00	\$14,400.00
Total		\$4,290.00	\$3,600.00	\$14,400.00

* Discounted Customer Pricing for Service is available by entering into a Point of Sale (POS) service agreement, at the time of purchase under the terms and conditions therein. See Quote details.

Estimated Monthly Costs

Reagents	\$197.16
Calibrators/Controls/Consumables	\$158.95
Total	\$356.11

* This is an estimate only of a monthly average based on the estimates set forth below. For informational purposes only - actual usage and costs may vary.

Reagents

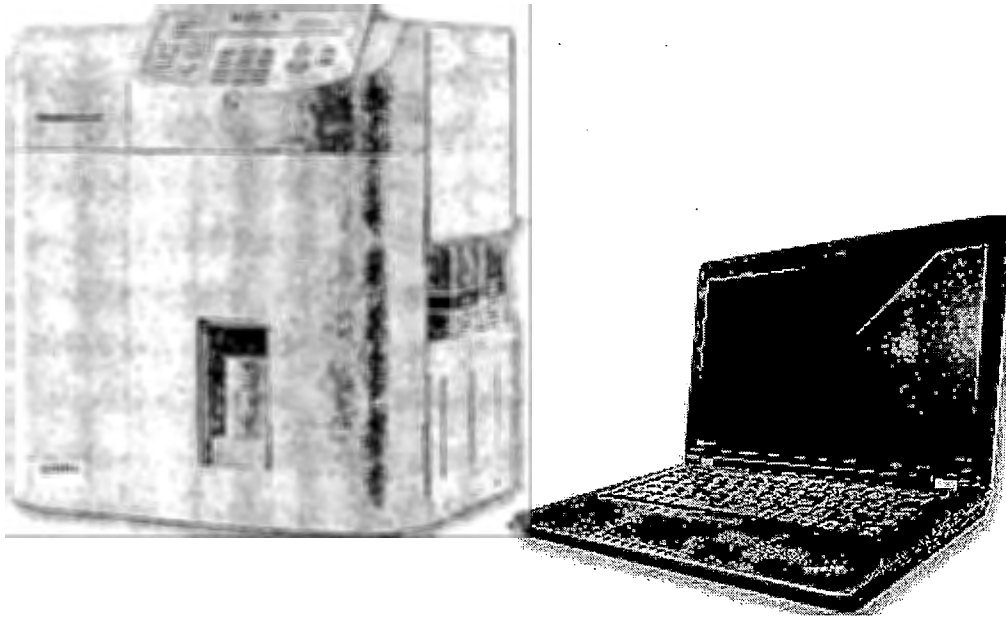
	Annual Units	Unit Price	Ext Price
ABX Alphalyse 360, 360mL	9	\$82.84	\$745.56
ABX Miniclean, 1L	12	\$90.47	\$1,085.64
ABX Minidil LMG, 10L	5	\$99.13	\$495.65
ABX Minocclair, 500 mL	2	\$19.51	\$39.02
			\$2,365.87

* These estimates are based on information received at the time of quote. Units are rounded up and may not agree with exact monthly usage and cost. Actual usage and costs may vary.

Controls, Calibrators and Other Consumables

	Annual Units	Unit Price	Ext Price
Linearity Kit CL020	1	\$793.37	\$793.37
liteDM Minotrol (12 x 2.5) w CD	6	\$156.45	\$938.70
Minocal Calibrator, 2 x 2.5mL	2	\$87.65	\$175.30
			\$1,907.37

* These estimates are based on information received at the time of quote. Units are rounded up and may not agree with exact monthly usage and cost. Actual usage and costs may vary.



Product Quote and Cost Presentation

Lake City Area Medical Center
700 North Henson
Lake City CO 81235
Attn: Beuford T. Durmon MD
Tel: 970-944-2331

06/06/2017 08:14:49

Kevin Attard
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Irvine CA 92618
Email: kevin.attard@horiba.com
Cell: 949-383-0491

Presented by
McKesson Medical Surgical
8741 Landmark Road
Richmond VA 23228 USA
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Barbara Hoaglin

P. O. Box 847

Lake City, Co. 81235

970 944-5229

Aug. 7, 2017

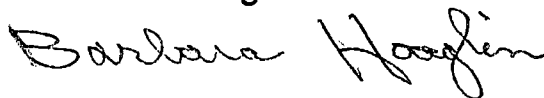
Intent to fill a vacancy on the Health Service Board of directors

I have been a resident of Lake City for 17 years. I was also married to a Doctor for 26 years and have shared some of the challenges Drs can face in a clinic or hospital. Therefore I feel I can look fairly at both sides of a problem.

Also having been in the business world I realize the fininacial side has to be met.

I have always been so proud of this clinic and want it to run smoothly. One of the reasons we can retire full time here is the excellent health care that has been offered.

Barbara Hoaglin

A handwritten signature in cursive script that reads "Barbara Hoaglin".

August 4, 2017

Jami Scroggins
PO Box 743
Lake City, CO 81235
970-944-0138

Dear Lake Fork Health Service District Board:

Please let this serve as my letter of interest in filling a possible vacancy on the health district board. I view this as a service to my community and fellow taxpayers, and feel I would have a great deal of insight and experience to contribute. I would be happy to provide my resume/qualifications upon request.

Sincerely,


Jami Scroggins

Janel Warren

731 Water St.

Lake City, CO 81235

(720)-288-1264

Jessica Whiddon
Administrative Assistant
Lake City Area Medical Center
Lake City, CO

August 2, 2017

Dear Ms. Whiddon,

I am writing to you to express my interest in serving on the Lake City Area Medical Center Board of Directors. I believe that my knowledge and business experience could be an asset to your team. The reputation and confidence visitors and residents have in the Lake Fork Health District is unprecedented in a community of our size. It would be an honor to offer my assistance.

Sincerely,

A handwritten signature in cursive script that reads "Janel Warren". The signature is fluid and matches the name in the typed text below it.

Janel Warren

Michael Schell

PO Box 455
Lake City, CO 81235
970 596-6933

7-30-2017

LFHDS

Lake City, Co

Dear Board of LC Health Fork District,

I would like to present this letter to the board of directors and medical director of my intent to serve on the health district board. I would like to fill in the interim vacancy and would present my qualifications upon request.



Michael R Schell