

HAYWOOD COUNTY
BUDGET ORDINANCE AMENDMENT
FISCAL YEAR 2016-17

PER: _____
JNL: _____

BE IT ORDAINED by the Board of Commissioners of Haywood County that the following amendment be made to the budget ordinance for the fiscal year ending June 30, 2017

Section 1. To amend the General Fund, the expenditures are to be charged as follows:

Department	Account Number	Current Budget	Increase (Decrease)	Amended Budget
115110 Public Health				
Repairs & Maintenance Equipment	115110-535200	49,000	(4,350)	44,650
				-
115181 Environmental Health				-
C/O Data Processing Equipment	115181-552000	9,000	4,350	13,350
				-
				-
				-
				-

which will result in a net increase of \$ _____ in the expenditures of the General Fund.

To provide the additional revenue for the above, the following revenues will be increased as the money has been received:

Revenue	Acct. No.	Current Budget	Increase (Decrease)	Amended Budget
				-
				-
				-
				-

Section 2. Copies of this budget amendment shall be delivered to the Budget Officer and the Finance Officer for their direction.

Adopted this the _____ day of _____, 2016.

Chairman
Haywood County Board of Commissioners

ATTEST:

Clerk to the Board

Explanation:
Reallocate funds between departments within Health & Human Services, Public Health Division, for the purchase of an Inspection Management System (software system) for Environmental Health's Food & Lodging program. This software system would greatly increase efficiency and also allow public viewing of establishment inspections online.

Julie Davis

From: Michelle Haynes
Sent: Wednesday, November 09, 2016 5:40 PM
To: Julie Davis
Subject: BUA for CDP
Attachments: BUA EH CDP purchase 11.09.16.xlsx; BUA EH CDP backup.pdf

Our Laserfiche upgrade came in lower than we planned so extra funds that we would like to use to purchase a software program, CDP, for Environmental Health. CDP is actually now a little more expensive than we budgeted. I have attached a BUA along with backup.

Please let me know if you have any questions or need additional information.

Thanks.

Michelle M. Haynes, Business Services Director
Haywood County Health and Human Services Agency
"Enhancing the health, safety, and full potential of our community."
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Pursuant to North Carolina General Statutes Chapter 132, Public Records, this electronic mail message and any attachments hereto, as well as any electronic mail message(s) sent in response to it, may be considered public record and as such are subject to request and review by anyone at any time.



September 20, 2016

Mr. Patrick Johnson
Haywood County Health Depart
2177 Asheville Road
Waynesville, NC 28786

Patrick,

Per your request, below please find:

- Information regarding CDP and our Environmental Health software solution specifically
- Current client list in NC
- Costs
- IT Requirements

CDP has implemented statewide, district and county-level environmental health information systems in NC, KY, UT, IL and nation-wide for Indian Health Services. CDP has been providing Environmental Health Systems since 1983.

CDP brings the experience coupled with the human and technological resources necessary to ensure the on-time completion of projects. We will utilize standard methodologies, best professional practices and industry standard tools to provide a system that meets and exceeds expectations.

For over 30 years, CDP has developed customized, enterprise health software for our customers. This experience is complemented by a full-range of in-house services; including hardware and peripherals assembly, hardware system assembly, configuration and testing, on-site installation, user training, and on-going software and hardware support. CDP will be your single point of contact for your environmental health program operations, making your transition to a new system go smoothly.

CDPims (Inspection Management System) is a completely integrated web-based, database-centered, fully .NET compliant Environmental Health application.

In addition, **CDPims** accommodates seamless integration with **CDPmobile**, used by the mobile workforce to eliminate paperwork in the field by transferring digital ink forms directly to **CDPims** through the use of Tablets.

CDPims includes:

- Tables – ability to add/edit/delete support table entries (program area, establishment type, etc.) as well as system tables (users, roles, etc.).
- Establishments – single database table containing all program areas with renewal applications and permit functionality.



- Inspection/Activities/Scheduling – ability to track inspections by establishments, complaints/service requests as well as capturing time for daily activity reports.
- Request for Service / Complaint Tracking - single database for all program areas
- Permit Processing
- Analysis
- GIS/GPS Interface
- Certification: Single database for tracking all certification types
- Accounts Receivable/Billing
- Ad Hoc and Standard Reports
- Electronic Document Management (CDPdms)
- Data Warehouse
- Onsite Wastewater & Wells Inspection Management System
 - Database tables include:
 - Property
 - Application
 - Evaluations
 - Profile (test hole)
 - Horizon (soil layers)
 - Permits
 - Inspections
- Ability to track all events (new installations, repairs, complaints, water samples etc...) over the years for a single property.
- Ability to do extensive reporting on all data elements.
- On-demand viewing/printing of application, soil evaluations, permit and inspection forms.

CDPmobile is a data capturing application that makes field inspections for more efficient and productive. CDPmobile streamlines field inspections and reduces paperwork by transferring digital ink forms and digital handwriting directly to the CDPIms. Through the use of laptops and/or Tablet PCs, all aspects of operations in the field can be integrated with CDP's Inspection Management System database, including permitting, inspections, complaints, GIS/GPS integration and more.

CDPmobile is an application platform used to build digital writing applications and specialized products for our customers. **CDPmobile** is a Digital Ink Application for Tablet PCs, Tablets and Laptops. It is particularly useful when there is a level of mobility required in capturing data and/or when there is a need for handwriting some of your organization's data input.

Developed to work offline, CDPmobile allows field staff to conveniently view history, access demographics, and complete data capture while in the field.

Using this efficient & effective mobile data capture platform, CDP developed the following applications:



- Flexible forms design
- Handwriting interpretation/recognition
- Verification & data validation
- Communication of forms-based data for our enterprise users
- Robust communication with our rich database systems
- Eliminate paper forms and the re-entry of data
- Collect information in real time or offline
- Comprehensive data quality processes
- Electronic Audit Trails & security of a paper record
- Built-In business rules
- Rich content
- Ability to draw on the imported photo
- Rapid data transfer
- Minimizes retraining
- Web-based storage, access & capabilities

When combined with the use of *CDPmobile*, CDP's comprehensive Enterprise Health Systems dramatically increase the efficiency and effectiveness of the entire process of capturing and using data. With the implementation of the *CDPmobile* System, your organization will see:

- Increased Efficiency
- Increased Accuracy
- Integration of Data with CDP's other Systems
- Automated Business Procedures

Public Website for Inspection Viewing

When requested, CDP can also provide a public web site allowing public access to, but not limited to, establishment / inspection information.

Additional integration with Yelp is available as an option.

Query Abilities

Pre-defined Reports

- Reports are created based on current data.
- CDP utilizes Crystal Reports as its report generation tool.
- Reports can be created quickly whenever the user requires them.
- An extensive list of pre-defined reports.
- Reports are categorized by module: system, tables, establishments, inspection/activities, accounts receivable, complaints, and certifications.
- To create a report the user will:
 - Select a category from a drop-down list.
 - Select a report from the drop-down list of available reports for that category.
 - Select any of the pre-defined parameters available for the report (date range, program area, etc.).



- Run the report.
- Reports can be viewed, printed or exported to a variety of formats (Excel, Word, and HTML).
- Users can only see the data that they have access to.

Ad-hoc Reports

- In those instances where a pre-defined report does not exist, CDP offers the use of an Oracle query tool called Discoverer. Oracle Discoverer is a browser-based application that allows users to create queries and reports without having any knowledge of database functionality or the SQL language. Users merely select the tables and items they wish to query, set any condition or filters and then run the query. The user can view or print the results of the query or export the results to Excel or HTML files. Once the query is processed the user has a choice of: 1) Exiting without saving the query, 2) Saving the report/query for re-use at a later time or 3) Share the report/query with other users, district, county or state. CDP offers on-site training on the Discoverer Tool.
- Users can only see the data that they have access to. Queries that are saved for future use will always show current data.

CDP's Hosting Solution includes:

- Software/Communications in one turnkey operation
- Complete Disaster Recovery
- Data back-up
- Targeted standardization of critical data and functions
- Efficiency in application development and integration
- Greater agility by enabling faster application development and acquisition
- Reporting
- Storage & On-line accessibility
- Operational personnel
- Help desk
- Documentation
- Training
- Future upgrades of all hardware and associated disaster recovery
- On-going license fees
- Software upgrades
- Annual user group meetings
- Allocated facility & operational costs
- Prior & future allocated research & development



North Carolina EH Clients

(Blue indicates F&L and OSW & Wells, black indicates F&L only)

Alamance County	Hertford County
Albemarle Regional Health	Iredell County
Anson (live 8/2016)	Jackson County
Appalachian District	Lee County
Beaufort County	Lincoln County
Brunswick County	Macon County
Burke County	Madison County
Carteret County	Mecklenburg County
Catawba County	Orange County
Chatham County	Pender County
Clay County	Richmond County
Cleveland County	Robeson County
Craven County	Rockingham County
Cumberland County	Rowan County
Dare County	Rutherford-Polk-McDowe
Davidson County	Scotland County
Davie County	Stanly County
Duplin County	Surry County
Durham County	Transylvania County
Forsyth County	Wilkes County
Gaston County	Yadkin County
Guilford County	

Best Regards,

A handwritten signature in black ink that reads 'Mike Peth'. The signature is fluid and cursive, with the first name 'Mike' being larger and more prominent than the last name 'Peth'.

Mike Peth
Director, Sales & Marketing



2015 CDPmobile requirements

Although CDPims web based application running on desktops can run with less than noted here, we recommend the following for CDPmobile for optimal performance.

Operating System	Genuine Windows® 7 Professional 32 Genuine Windows® 7 Professional 64 Windows® 8 & 8.1
Processors	Any Intel® processor (Pentium, i-Core, Dual-Core, M) <i>*faster processor gives better performance</i>
Memory	4 GB 1333 MHz DDR3 SDRAM (minimum) 8 GB 1333 MHz DDR3 SDRAM (preferred)
Hard drive	160 GB 5400 rpm 1.8-inch SATA II (minimum) 250 GB 5400 rpm 1.8-inch SATA II (preferred) 80 GB 1.8-inch Solid State Drive (minimum) 160 GB 1.8-inch Solid State Drive (preferred)
Recommended	Lenovo: -Any of the following ThinkPad portfolios: - Helix, Yoga, Twist Dell: -Any of the Latitude 13 7000 Series Microsoft: -Any of the Surface Pro series HP : -Any of the ENVY series

Due to the constant evolution of hardware platforms, we ask that you inquire about preferred or tested models at the time of decision making. Please note as long as the above specifications are met at the minimum level CDPmobile will work.



Haywood County, NC Estimate 9.20.2016			Monthly Totals	First Year's Costs	Second Year's Costs
Monthly Subscription/User License Fee	Volume	Monthly Fee per	Monthly Totals	Annual Costs	Annual Costs
CDPims	4	\$26	\$104	\$1,248	\$1,248
Monthly County Program Fee					
Module Subscription					
CDPims - Food & Lodging Includes public web site for viewing of inspections and weekly updates to BETS.	1	\$325	\$325	\$3,900	\$3,900
CDPims - Complaints/Request for Service. Included in F&L.	1	N/C			
Activity V2 Module	1	N/C			
Food Borne Illness Module	1	N/C			
Oracle Discoverer license fee	1	\$21	\$21	\$252	\$252
CDPmobile/ims Sync	1	\$150	\$150	\$1,800	\$1,800
One-Time (Upfront fee)					
CDPims, F&L Training	1	\$1,500		\$1,500	
CDPmobile Training	1	\$1,500		\$1,500	
Conversion of F&L data from BETS	N/C				
Hourly Programming Rates		\$105			
CDPmobile Licenses	3	\$1,050		\$3,150	
Annual fees					
CDPmobile Maintenance due on 1st anniversary of contract and every year after	3	\$210			\$630
Totals			Monthly Totals	Annual Costs	Annual Costs
			\$600	\$13,350	\$7,830

Prices reflect systems as-is currently being utilized in NC