The City of
NORMAN

Graymatter

3000 E. Robinson
Norman, Oklahoma 73070

WATER TREATMENT
Phone: (405) 321-2182

September 28, 2017

WTP Reporting Software Bid Request

The City of Norman's Water Treatment Plant is requesting quotes on Reporting Software capable of generating reports from data retrieved from SCADA, Historian and other sources as described and itemized in this document. After the requirements below are met, selection will be based on the Best Value for those products submitted.

The Reporting Software (RS) must, unless otherwise stated, be capable of fulfilling the following requirements:

I. Reporting Software requirements:
    A. Must retrieve data from Proficy Historian Version 6.0.
    B. Must retrieve real time data from the real time tag database of iFix 5.8.
    C. Must retrieve data from CSV files.
    D. Must retrieve data from Text files.
    E. Must be proven to operate in Windows Server 2008 R2 or newer.
    F. The RS and associated license requirements must be compatible to running on a VMWare platform.
    G. Must have the capability and tools to develop entry forms for manually entered data by lab and plant operators.
    H. Must be licensed to retrieve and report on a minimum of 1000 tags or data sources.
    I. Must produce custom format reports based on the data retrieved from the above listed sources.
    J. Must produce reports that insert the reported data to cells in pre-existing MS Excel (version 2010 or newer) templates.
    K. Shall have the following capabilities:
        a. Custom date and time beginning and end of report period.
        b. Selectable Monthly, Weekly and Daily report periods.
        c. Automated scheduled report generation.
    L. Must have a built in Audit Trail that logs any edits to data on the entry forms. The Audit Trail must be easily accessible by either a standard OS viewer or RS provided viewer.
    M. Must have a Web Portal for a full browser and one designed for mobile devices. The Web portal, at minimum with the full browser portion, must be capable of editing forms and reports and capable of generating reports.

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N. Must include a minimum of 6 concurrent user licenses for access and edits of forms and reports.
O. Must have a scripting language available for customizing reports and data retrieval.
P. A Preference will be considered for a larger licensed "installed base" of the RS.
✳ Q. A preference will be considered for the capability, either directly or by scripting, to retrieve data from a HTML web page.
R. A preference will be considered for software listed in the ICS-CERT.GOV database.

II. The winning bidder must install and configure the RS along with the Web Portal functionality:
   A. All RS software will be installed on an existing VMWare server preinstalled with Windows Server 2008 R2 or newer (provided by the City).
   B. All connectivity from the RS to the iFix Historian, iFix HMI and Lab csv files must be established and shown to be functional.
   C. The RS Web Portal must be installed and fully functional.

III. The winning bidder must provide the following Development and Training:
   A. The winning bidder must develop and provide the entry forms/screens necessary for daily operational data of the plant. "Exhibit A" contains the list and frequency of data being logged by Plant Operators.
   B. Must develop and provide the ODEQ's MOR report as shown in "Exhibit B". The RS must also generate an Excel spreadsheet in the same format as currently used at the Norman Treatment Plant as shown in "Exhibit B".
   C. Must provide a minimum of forty (40) hours of training on development of Entry Forms and Reports to WTP staff (8 users). This may be combined with development of the MOR report and associated forms.

IV. Support Requirements:
   A. The winning bidder must provide one year of support for the installed RS.
   B. The winning bidder's support personnel must have two years of experience with RS, Proficy Historian and iFix 5.5 or newer.
   C. The winning bidder must provide support personnel available by phone, during normal business days, between 9AM to 4PM CST.

✳ Our proposal meets the requirements outlined in the bid request except for item 1-Q. Dream Report does not do web scraping. Software Toolbox makes some products that do that sort of thing. Their product Datahub might be a good solution but is not provided in this bid. More about them can be found at https://www.softwaretoolbox.com/dataaggregation.html

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V.   Bids will be accepted no later than Thursday October 12th, 2017 at 12:00PM at:

      Vernon Campbell Water Treatment Plant
      3000 E Robinson
      Norman, OK 73070
      Att: Neal Engleman

      OR

      Emailed to: neal.engleman@normanok.gov

VI.   Product and Pricing:

    A.   Vendor Name and Address:

        Gray Matter   Joel Purl
        100 Global View Drive   512-626-9919
        Suite 200   jpurl@graymattersystems.com
        Warrendale, PA 15086

    B.   Reporting Software Manufacturer, Model , Version and "Installed base" count:
        Dream Report for Proficy v 4.7 Standard
        The installed base for Dream Report is 8,000+

    C.   Installed Reporting Software, Development, Training and One year support Bid:
        Software $13,588
        $ Software 1-year support $2,174.08 | Total
        Install, training and $27,450 | $43,212.08
        development
    D.   Future Yearly Support Bid:

        $ approx. $2,175/year

Deduct 5,500⁰⁰ for training
reduction

Final Price
$37,712.08