

ADDENDUM NO.2

RFP NUMBER: 183079

RFP TITLE: Air Pollution Software Solution

DEPARTMENT: Air Pollution Control Bureau

DATE OF ADDENDUM: April 25, 2019

DEADLINE FOR QUESTIONS DATE/TIME: April 10, 2019, 4:00 p.m., e.s.t.

RFP DUE DATE/TIME: May 16, 2019, 4:00 p.m., e.s.t.

REASON: ANSWERS TO QUESTIONS

(SIGNED): _____ (DATE): _____

(COMPANY): _____

As acknowledgement of having received this information, you must sign one (1) copy of this page and return it with your proposal.

Retain a copy for your file.

ADDENDUM NO. 2

RFP NUMBER: 183079

RFP TITLE: Air Pollution Software Solution

DEPARTMENT: Air Pollution Control Bureau

ANSWERS TO QUESTIONS

1. QUESTION: Are you looking for a custom built software solution or commercial-off-the-shelf solution?

ANSWER: Either is potentially acceptable as long as it is not cost prohibitive.

2. QUESTION: Page 5 – Overview. Point “2. Regulatory Reporting” indicates that the system should support “two separate reporting mechanisms - one for the EPA and one for Inspections”. **Please could APCB clarify the specific reports that must be supported for both “EPA” and “Inspections”?**

ANSWER:

Page 5 – Overview. Point 2. “Regulatory Reporting” **should read** that the APCB system should support “**two separate reporting mechanisms – one for emissions data and one for compliance data.**”

Report compliance data through the Integrated Compliance Information System for Air (ICIS-AIR).

- Links to hierarchy charts for data reported to ICIS-AIR
 - epa.gov/enviro/icis-air-model
- ICIS-AIR electronic data transfer information link
 - <https://icis.zendesk.com/hc/en-us/sections/201700596-ICIS-Air-EDT>

3. QUESTION: Page 5 – Overview. Point “1. Emissions Inventory”, regarding “should auto-fill pre-written reports”. **Could APCB provide examples of the types of pre-written reports that would require auto-fill, and the specific purpose of the reports (i.e., are these emission inventory reports custom tailored to a specific industry/facility type, with pre-filled pollutants, emission factors, etc...)?**

ANSWER: A copy of the Emissions Inventory System (EIS) Stage Table Format report is included separately. This is only one of several reports needed from the database. Other examples of report formatting can be referenced in the links listed in the answer section of question 2.

4. QUESTION: Page 5 – Overview. Point “2. Regulatory Reporting” indicates that the system should support “two separate reporting mechanisms - one for the EPA and one for Inspections”. **In regard to the need to support “Inspections” reports, please could APCB expand on the requirements for inspection support? For example do these requirements include the ability to:**

- a. ~~Schedule inspections~~ NO
- b. Record details for scheduled and unscheduled inspections YES
- c. Track inspection workflows YES
- d. Track inspection results YES
- e. ~~Generate inspection reports~~ NO
- f. Track violations YES
- g. Track enforcement actions taken in response to violations YES

ANSWER: Please reference the answer to the Question 2. *Page 5 – Overview. Point “2. Regulatory Reporting,” clarification*, including the links for reporting requirements.

5. QUESTION: Page 5 – Overview. Point “2. Regulatory Reporting” indicates that the system should support “two separate reporting mechanisms - one for the EPA and one

for Inspections”. In regard to the need to support “Inspections” reports, does APCB require a field inspection data collection tool as part of Inspection Report generation?

ANSWER: NO

6. QUESTION: Page 5 – Overview. Point “3. Permitting and Billing” indicates that the system should support “local requirements for Permits and for Billing”. **Please could APCB expand on the “requirements for Permits”?** For example do these requirements include the ability to:

- a. ~~Receive permit applications electronically~~ NO
- b. **Track the permit development workflow - YES**
- c. ~~Track permit conditions—emission limits and narrative~~ NO
- d. ~~Generate permit documents~~ NO

ANSWER: Requirements should include the ability to track the permit development workflow

7. QUESTION: Page 5 – Overview. Point “3. Permitting and Billing” indicates that the system should support “local requirements for Permits and for Billing”. **Please could APCB expand on the billing procedures used currently by APCB, including fee schedules, billing cycle and frequency, invoice generation and payment processing?**

ANSWER:

Page 5 - Overview Point 3

- Invoices are printed monthly / quarterly / as needed
- Invoice number should have the option of being generated automatically or manually entered
- Information for invoice is auto-filled from company data in the emissions inventory system, including:
 - Company Address
 - Certificate of Operation Number (company ID)

- Type of permit and the corresponding fee (dependent upon the type of permit)
 - Installation
 - Initial
 - Renewal
- Must have ability to manually enter and/or override information
- Payment is due 30 days from the invoice date
- If possible, would like for payments made by ACH / JV / etc. to have notification sent (with Invoice No.) when received for posting. We also accept cash, check, money order and hope to take credit/debit cards beginning this summer.

8. QUESTION: Page 7 – Technical Requirements. This section indicates that “data needs to be transferred out of the existing Oracle database and made accessible in the new solution”. In order to be able to estimate data migration costs, which can be significant, **please could APCB provide additional information on the structure and content of the existing Oracle database, for example, a data model or data dictionary.**

ANSWER: The Oracle 8i database consists of around 59 tables and is not on the latest version.

9. QUESTION: Page 7 – Technical Requirements. This section indicates that “data needs to be transferred out of the existing Oracle database and made accessible in the new solution”. **Please could APCB confirm the number of years of emissions inventory and/or compliance report and/or permit data that will be required to be migrated to the new system?**

ANSWER: 18 years

10. QUESTION: Page 10 – Policy – “Data” bullet point. This point indicates that “Legacy data from existing, Accela-Automation system must be migrated into new PS

system. All fields pertaining to trade licenses, permits and inspections must be mapped and copied over to the new PS.” **Please can APCB provide a listing of all of the database fields from the existing Accela system related to “licenses, permits and inspections” that must be supported by the new system?**

ANSWER: This question references a *general policy guidelines* insert listed in the Request for Proposal that was erroneously carried over from a previous version of the template document and does not pertain to the database that APCB is requesting. Please overlook this oversight in our document preparation.

11. QUESTION: Page 10 – Policy – “Data” bullet point. **Does APCB intend for the new system to fully replace the existing Accela Automation system?**

ANSWER: This question references a *general policy guidelines* insert listed in the Request for Proposal that does not actually pertain to the database that we are requesting.

12. QUESTION: Page 11 – Policy – “Address validation” bullet point. This point indicates “Address data should come from Hamilton County GIS”. **Please can APCB provide information on the County GIS spatial services that will be used?**

ANSWER: Please visit hamiltontn.gov (Maps / GIS Data) to view the GIS system in current use...ESRI ArcGIS.

13. QUESTION: Page 9 - Software: Standard Requirements. **Please can APCB clarify whether a response is required in the vendor proposal to each item listed in this section?**

ANSWER: No, the vendor does not have to respond to each item but can make a blanket statement that it can or cannot meet these specifications. These are the City of Chattanooga general specifications for any software.

14.QUESTION: Page 13 - Cloud/Hosted Solutions: Standards. **Please can APCB clarify whether a response is required in the vendor proposal to each item listed in this section?**

ANSWER: No, the vendor does not have to respond to each item but can make a blanket statement that it can or cannot meet these specifications. These are the City of Chattanooga general specifications for any Cloud/Hosted Solution.

15. QUESTION: Page 14 – Data Security. The second bullet point refers to the need for the “Provider to provide an audit (SAS70/Type II audits).” In 2011, SSAE No. 16 replaced SAS 70 as the authoritative guidance for service audits. At the same time, the System and Organization Controls (SOC) reporting framework was established to allow different types of audit based on the needs of the organization, including Types 1 through 3. **Since obtaining such audits will a significant expense for prospective vendors, please can APCB clarify the specific audit requirements that will be required of the vendor prior to establishing a contract?**

ANSWER: The latest audit type will suffice. SSAE 18 is the latest service audit.

② from database

always blank

always "47065"

always "CHC_APCB"

① from database

FacilitySiteIdentifier	FacilitySiteProgramSystemCode	StateAndCountyFIPSCode	TribalCode	StateAndCountyFIPSCode	Unidentifier
0150	CHC_APCB	47065			0004
0150	CHC_APCB	47065			0004
0150	CHC_APCB	47065			0004
0150	CHC_APCB	47065			0004
0150	CHC_APCB	47065			0004
0150	CHC_APCB	47065			0004
0150	CHC_APCB	47065			0004
0150	CHC_APCB	47065			0004
0470	CHC_APCB	47065			0003
0470	CHC_APCB	47065			0003
0470	CHC_APCB	47065			0008
0470	CHC_APCB	47065			0008
0470	CHC_APCB	47065			0008
0470	CHC_APCB	47065			0008
0470	CHC_APCB	47065			0016
0470	CHC_APCB	47065			0016
0500	CHC_APCB	47065			0001
0530	CHC_APCB	47065			0001
0710	CHC_APCB	47065			0001
0710	CHC_APCB	47065			0001
0845	CHC_APCB	47065			0004
0845	CHC_APCB	47065			0004
0845	CHC_APCB	47065			0008
1070	CHC_APCB	47065			0004
1070	CHC_APCB	47065			0004
1155	CHC_APCB	47065			0001
1155	CHC_APCB	47065			0001
1155	CHC_APCB	47065			0001
1155	CHC_APCB	47065			0001
1155	CHC_APCB	47065			0001

<i>always blank</i>	<i>always "A"</i>	<i>always "R"</i>	<i>from Database</i>	<i>from Database</i>	<i>always "TON"</i>
EISEmissionsProcessorIdentifier	ReportingPeriodTypeCode	EmissionOperatingTypeCode	PollutantCode	TotalEmissions	EmissionsUnitofMeasureCode
A	R	50000	CO	0.013	TON
A	R	110543	CO	0.266	TON
A	R	NOX	CO	12.471	TON
A	R	NOX	NOX	15.606	TON
A	R	PM10-PRI	PM10-PRI	1.151	TON
A	R	PM25-PRI	PM25-PRI	1.142	TON
A	R	SO2	SO2	0.087	TON
A	R	VOC	VOC	0.815	TON
A	R	1330207	1330207	0.064	TON
A	R	VOC	VOC	0.116	TON
A	R	CO	CO	0.098	TON
A	R	NOX	NOX	0.201	TON
A	R	PM10-PRI	PM10-PRI	0.0071	TON
A	R	PM25-PRI	PM25-PRI	0.0071	TON
A	R	SO2	SO2	0.0084	TON
A	R	VOC	VOC	0.034	TON
A	R	79016	79016	0.146	TON
A	R	VOC	VOC	0.146	TON
A	R	VOC	VOC	0.016	TON
A	R	PM10-PRI	PM10-PRI	0.104	TON
A	R	PM10-PRI	PM10-PRI	0.014	TON
A	R	VOC	VOC	2.106	TON
A	R	171	171	0.967	TON
A	R	VOC	VOC	2.327	TON
A	R	PM10-PRI	PM10-PRI	0.0065	TON
A	R	PM10-PRI	PM10-PRI	0.0014	TON
A	R	PM25-PRI	PM25-PRI	0.0014	TON
A	R	50000	50000	0.00086	TON
A	R	110543	110543	0.019	TON
A	R	CH4	CH4	0.024	TON
A	R	CO	CO	0.888	TON
A	R	CO2	CO2	1261.7	TON

<i>always blank</i>	<i>always blank</i>	<i>always blank</i>	<i>always blank</i>		
EmissionFactor	EmissionFactorNumerator	UnitofMeasureCode	EmissionFactorDenominator	UnitofMeasureCode	EmissionFactorText

← from database (S) ← always blank

EmissionCalculationMethodCode	EmissionsComment
-------------------------------	------------------

28

28

28

28

28

28

28

28

3

3

28

28

28

28

28

28

28

3

3

2

2

2

2

2

2

30

33

33

28

28

28

28

28