**RFP-22-801**

**Commercial Forecast Model Update**

**Addendum 1**

**February 14, 2023**

**Note: Added language appears in bold underline, and deleted language appears in ~~strikethrough~~ and within square brackets.**

The purpose of this addendum is to make the following revisions to the Application Manual.

1. **Page 5, RFP**

Under Reference Documents – Bullet 3, states a copy of the FORTRAN code of the existing model will be provided. This bullet has been removed. A copy of the existing code will not be provided.

* ~~A copy of the FORTRAN code of the existing~~

1. **Page 15, 16, RFP**

Updated the dates and added an explanation to indicate these dates are placeholders and subject to change.

**SCHEDULE OF DELIVERABLES AND DUE DATES**

**Note: The dates for task deliverables are estimates and subject to change once the­ extent of each task is mutually agreed**.

|  |  |  |
| --- | --- | --- |
| **Task Number** | **Deliverable** | **Due Date** |
| **1** |  |  |
| 1.1 | An Updated Schedule of Deliverables | If applicable |
| 1.2 | Monthly Invoices | Monthly with progress report |
| 1.4 | Monthly Progress Reports | Monthly |
| 1.5 | Email Documenting Key Decisions, Next Steps, and Action Items | After each bi-weekly meeting |
| **2** |  |  |
| 2.1 | Provide the Rationale for the Choosing New Platform (Python or R) | ~~April 24, 2023~~  **May 30, 2023** |
| 2.2 | New Code | ~~May 29, 2023~~  **June 30, 2023** |
| 2.3 | Documentation Comparing the Results of the New Model to the Existing Model | ~~May 29, 2023~~  **June 30, 2023** |
| 2.4 | New Input and Output Data File Formats | ~~May 29, 2023~~  **June 30, 2023** |
| 2.5 | User-friendly interface to allow the user to enter specific parameters for each run | ~~May 29, 2023~~  **June 30, 2023** |
| **3** |  |  |
| 3.1 | Updated Input File for Each of the Seven Utilities (by forecast zone, building-type, and end-use) that uses the updated approach for mapping data collected under the older forecast zones to the new forecast zones | ~~June 12, 2023~~  **July 15, 2023** |

|  |  |  |
| --- | --- | --- |
| **Task Number** | **Deliverable** | **Due Date** |
| 3.2 | Update the existing input files by updating the savings associated with the most recent codes and standards and other energy efficiency programs | ~~July 3, 2023~~  **July 31, 2023** |
| 3.3 | Documentation on the approach for mapping data collected under the older forecast zones to the new forecast zones | ~~July 3, 2023~~  **July 31, 2023** |
| 3.4 | Documentation on the sources for all inputs, along with documentation of any data cleaning and preparation steps required to enter the data into the input file format | ~~July 3, 2023~~  **July 31, 2023** |
| **4** |  |  |
| 4.1 | New code | ~~August 1, 2023~~  **August 31, 2023** |
| **5** |  |  |
| 5.1 | Memo or PowerPoint documenting the new calibration approach | ~~August 1, 2023~~  **September 15, 2023** |
| 5.2 | Revised calibration subroutine | ~~August 1, 2023~~  **September 29, 2023** |
| **6** |  |  |
| 6.1 | User Manual | ~~August 30, 2023~~  **October 16, 2023** |
| 6.2 | Up to 8 Hours of Training | TBD |
| **7** |  |  |
| 7.1 | Email Response to Questions for Documentation | As needed |
| 7.2 | Updated Documentation (as needed) | As needed |
| 7.3 | Updated Model Code (as needed) | As needed |

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1. **Page 33, RFP**

Added a bullet under Software Application Development stating contractor shall utilize the latest version of R or Python as a Standard Application Architecture component in compatible versions.

## Software Application Development

If this scope of work includes any software application development, including but not limited to databases, websites, models, or modeling tools, the Contractor shall utilize the following standard Application Architecture components in compatible versions:

* **The latest desktop version of R or Python**
* Microsoft ASP.NET framework (version 3.5 and up) Recommend 4.0
* Microsoft Internet Information Services (IIS), (version 6 and up) Recommend 7.5
* Visual Studio.NET (version 2008 and up) Recommend 2010
* C# Programming Language with Presentation (UI), Business Object and Data Layers
* SQL (Structured Query Language)
* Microsoft SQL Server 2008, Stored Procedures Recommend 2008 R2
* Microsoft SQL Reporting Services Recommend 2008 R2
* XML (external interfaces)