ADDENDUM 1

DATE:　　　　　　March 28, 2017

PROJECT:　　　　Laboratory Information System (LIS) and Data Migration

RFP NO:　　　　744-R1715

OWNER:　　　　The University of Texas Health Science Center at Houston

TO:　　　　　　Prospective Bidders

I. The following are revisions to the general information provided in the RFP 744-R1715 posted March 21, 2017:

　　Table of Contents, Attachments

　　　　Exhibit A - UTHealth IT Security Standards

II. The following are University's responses to bidder's questions received by the Question Deadline on April 5, 2017, 11:00 AM CST.

1. With respect to Section 5 "Specifications And Additional Questions", **5.2.2, A, 6** "Billing Module", please provide clarification regarding the types of Billing to be performed by the LIS. For example, is Client Billing desired? Is patient billing desired?

    Answer: University is seeking the billing module for both client and patient billing.

2. With respect to Section 5 "Specifications And Additional Questions", **5.2.2, I** "Comply with IT Security standards", please provide clarification regarding the IT Standards desired. Are these IT Standards included with the RFP? If not, where can the IT Standards be found for review?

    Answer: See **Exhibit A** (**UTHealth IT Security Standards**) of the RFP.

3. With respect to Section 5 "Specifications And Additional Questions", "Surgical Module" items **5.3.15, a** and **5.3.15, b**, please provide further details for the Reports desired. For example, what information should be included on the Reports?

    Answer: The surgical reports should include logo, department contact info, patient demographics, specimen #, dates collected, received and reported, ordering md, copy to md, diagnosis statement, gross description of specimen, site and type of specimen, type of report, CPT code, ICD-9 code, teaching statement, special stain info, report status, pathologists signature, specimen images and diagrams.

4. With respect to Section 5 "Specifications And Additional Questions", **5.3.25, m** "Reports", please provide further details for the Protocol Reports desired. For example, what information should be included on the Reports?

    Answer: Reports should include information mandated by CAP, CLIA, cancer registry in addition to reports listed on item **5.3.25, h** of the RFP.

5. With respect to **Section 6** "Pricing And Delivery Schedule", in addition to the Volume and User statistics given in Section 5.4 "Scope of Work, please provide further breakdown of Volume and User information as follows:

<u>SoftPathDx - Anatomic Pathology</u>:

- Total number of workstations

  Answer: 50 licenses (includes ALL specialties)

- Total number of concurrent users: please identify how many <u>*concurrent users*</u> will be accessing the system at any given time

  Answer: 75 concurrent users total (includes ALL specialties)

- Number of specimens processed annually

  Answer: Pathology = 32,541 specimens
  Dermatology = 9,969 specimens

- Number of tests performed annually

  Answer: Pathology = 24,233 cases
  Dermatology = 9,969 cases

- Number of surgical cases per year

  Answer: Pathology = 3695 cases
  Dermatology = 9968 cases

- Number of medical cytology cases per year

  Answer: Included in surgical cases above.

- Number of Gyn-cytology cases per year

  Answer: Pathology = 12,514 cases

- Number of autopsy cases per year

  Answer: Pathology = 0 cases

- List of instruments including instrument name, vendor name, model, and quantity**.

  Answer: See table below.

Instrument	Model Info	Type	Will instrument be connected at Go-Live?
Pathology			
Panther by Hologic	902615	Instrument	Yes
TPID/Omnis/Artesian System by Dako / Agilent	TPID version 1.03	Instruments, interface, DB Server, instruments tracking	Yes
ThinPrep Imaging System by Hologic	70564-001	Instrument	Yes
Intellipath by BioCare Medical	IPS0001US	Instrument	No
Gatan 1 CCD Camera	830 Orius	Instrument	No
Gatan 2 CCD Camera	830 Orius	Instrument	No
Digital Camera WS	Research Use Only	Instrument	N/A
Motic Imaging System	Not used for DX	Instrument	N/A
Dermatology			
Tissue Tek Prisma	Prisma - A1D	Instrument	No
Tissue Tek VIP by Sakura	VIP 3000 Bench	Instrument	No
Tissue Tek Glass by Sakura		Instrument	No
Laser Cassette Marker by Geneva Data	CL-01	Instrument	No
Signature Slider Painter by Primera	-	Instrument	TBD
Total Instruments	13		

SoftMolecular - Molecular Diagnostic:

- Total number of workstations

  Answer: 50 licenses (includes ALL specialties)

- Total number of concurrent users: please identify how many _concurrent users_ will be accessing the system at any given time?

  Answer: 75 concurrent users total (includes ALL specialties)

- Number of Specimens processed annually

  Answer: Pathology = 5355 cases

- List of instruments including instrument name, vendor name, model, and quantity**.

  Answer: Please see table above.

- Does the laboratory currently have a molecular software module? Please provide name of the application / vendor.

  Answer: AP Easy software

If yes, is a data upload from existing molecular system required? Do you need a data conversion?

Answer: TBD

SoftAR - Accounts Receivable:

Answer: 50 licenses (includes ALL specialties)

- Total number of concurrent users: please identify how many _concurrent users_ will be accessing the system at any given time.

  Answer: 75 concurrent users total (includes ALL specialties)

- Number of billable tests per year

  Answer: Pathology = 24,233 cases
  Dermatology = 9969 cases

- Please specify the current billing system / vendor that you use and if you need data conversion?

  Answer: The data conversion requirements TBD.
  Current System: Pathology = McKesson Billing Services
  Dermatology = IDX

SoftMedia - Document and Image Management:

SoftMedia for Genetics

Answer: The Pathology and Dermatology departments do not have a genetics sub-specialty.

- Instrument Image and Document Storage
  Does University plan to store any kind of images and/or documents (i.e. PDFs) for genetics orders, such as from an instrument?

  Answer: Yes.

    a. Number of orders per day with images and/or documents:

       Answer: Approximately 4 renal biopsy cases/day

       Average number of images per order expected to be stored:

       Answer: 8 images per order to be stored

    a. Average number of documents (i.e. PDFs) per order expected to be stored:

       Answer: Approximately 5 pages of supporting documents are scanned in per renal biopsy case; currently, approximately 800 - 900 cases/year.

- Will any documents be scanned?

Answer: Yes.

- Genetics Reports

    Answer: The departments do not have a genetics sub-specialty.

- Existing Images and/or documents
    Are there images or documents currently existing that may need to be imported into the SoftMedia repository? If yes…

    a.   How many?

        Answer: Renal biopsy images: approximately 140,000 (6 years); 31,000 (2016)
        EM images: approximately 198,000 (since 2003); 25,000 (2016)

    b.   Average file size?

        Answer: Renal biopsy images: 45GB/140,000 = approximately 325 kb/image
        EM images: 93GB/198,000 = approximately 470 kb/image

    c.   What is the total space currently used to store the images in GBs?

        Answer: Renal biopsy images: 45GB (6 years); 10 GB (2016)
        EM images: 93GB (since 2003); 9.3 GB 2016

    d.   What are the file formats?

        Answer: Renal biopsy images: JPG
        EM images: JPG

6. With respect to Interfaces, in addition to the Interface information UTHealth provided, please provide the following additional information:

Reference lab Interface:
Please list the name of the reference Lab interface (Mayo, Quest, LabCorp, ARUP, etc.) and specify all of them and which sites uses which reference lab vendor.

Answer: Yes—GenOpix, LabCorp, ARUP, MDX, Genomics, Decipher, Mayo Clinic, Alliance, Known Air, MD Anderson.

Regarding Instrument interfaces, the following information is required:

These **instruments mentioned in the RFP are currently in place in the laboratory** that the University wants the LIS application to interface to these instruments at Go Live. Therefore, if there is an old instrument that the University will be removing or is not going to use by or before the Go Live, then can the University please not include it? Also, please specify the Manufacturer for each instrument as well as for each module (Anatomic Pathology, Molecular, etc…) and specify whether these are standard Instruments...or part of *Robotic Line* (i.e. Beckman Power Processor). Please advise if there are any "*Data Manager*" or "*Middleware"* - devices in place? What, if any, instruments

are attached to it. Please include the name and model # of each instrument and the total quantity of each instrument type

Answer: See table above.

END OF ADDENDUM 1