BROWNSVILLE

PUBLIC UTILITIES BOARD

Date: October 11, 2023
To: All Vendors
Subject: Addendum #5

REFERENCE: **P067-23 Upgrade Services for BPUB's ESRI ArcGIS Enterprise and Cityworks Installation**

This Addendum forms part of the contract and clarifies, corrects or modifies original proposal document.

Question 1: Page 11 of the RFP, states: To verify that the implementation has been completed properly, BPUB has identified verification tasks that must be included in the firm's verification plan. These tasks can be seen in the 'GIS Upgrade Verification Requirements' document.
Will BPUB please share this document or identify where the information can be found in the current RFP?

Answer 1: The GIS Upgrade Verification Requirements document is attached.

Question 2: Pages 7 and 10 of the RFP state the following: …BPUB is looking for the implementation of ArcFM Mobile and Conduit Manager,,, The Responsibility Matrix makes no mention of these Schneider Electric products. Is the implementation of ArcFM Mobile and Conduit Manager part of this RFP? If yes, what scope and responsibilities are expected from the vendor to implement ArcFM Mobile and Conduit Manager in this project? If the vendor is responsible, please provide the specific scope and requirements that would define the solutions.

Answer 2:
a) Conduit Manager
   o Creating feature and object classes to support Conduit Manager and Underground Facilities Manager (UFM)
   o Creating relationship classes
   o Assigning Model Names and Auto updaters
   o Exporting XML for record-keeping and backup
   o Underground Facilities Manager (UFM) configuration
   o Cross-section annotation configuration

b) Arc FM Mobile
   o ArcFM Solution Center Install
   o Online Viewer Configuration
   o Offline Viewer Configuration
   o Markup Configuration
   o Construction As-Built Configuration

Question 3: What are the Esri Admin and Esri User Training requirements?

Answer 3: Training requirements are as follows:
  a) ESRI Administrator Training
      o Content Management Techniques
      o Administration Workflows
      o Tuning and Scaling
      o Security Best Practices
      o Overview of new features (What's new?)

  b) ESRI User Training
      o Overview of new features (What's new?)
      o **Add** data to a map, symbolize map features, and create attractive feature labels.
      o **Find**, organize, create, and edit geographic data.
      o **Use** a variety of tools to analyze GIS data and solve spatial problems.
      o **Share** maps and analysis results so they are accessible to other ArcMap users and to colleagues across the BPUB organization.

The signature of the company agent, for the acknowledgement of this addendum, shall be required. **Complete information below and return via e-mail to: dsolitaire@brownsville-pub.com.**

 I hereby acknowledge receipt of this addendum.

Company: _____

Agent Name: _____

Agent Signature: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone Number: _____ **E-mail address:** _____

If you have any further questions about the Proposal, call 956-983-6366.

BY: *Diane Solitaire*
     Purchasing

	ESRI & INTEGRATED SYSTEMS	
#	**Test**	**Responsible**
1	ArcMap & Pro User Interactions & Data Quality	
	- User able to load all previous maps using ArcMap (identify representative test cases)	Vendor
	- User able to load all previous maps using Pro (identify representative test cases)	Vendor
	- Catalog can access necessary databases	Vendor
	- Able to verify attribution on OH, UG, fuses, switches and major asset classes	Vendor
	- Able to verify transformer data	Vendor
	- Able to verify related tables	Vendor
	- Versioning of Esri database reduced to appropriate minimum	Vendor
2	AGOL & Portal Interactions	
	- External user able to see all previous AGOL maps (identify representative test cases)	Vendor
	- Internal user able to see previous Webmaps/Apps (identify representative test cases)	BPUB
	- Verify AGOL access to new Enterprise install	Vendor
3	Scheduled functions / integrations	
	- External .SDE access is functional for all previous connections	Vendor
	- Cognos is able to display maps	BPUB
	- Freeance integration functional	BPUB
	- ArcObjects generate necessary Milsoft files	BPUB
	- Process demonstrated to allow BPUB to refresh copy of GIS Production database to Test environment in future	Vendor
4	Network Access, Authentication & Security	
	- Users authenticate in ArcMap and Pro through corporate login credentials	Vendor
	- ArcMap and ArcGIS Pro users in all departments are able to access maps	BPUB
	- Test of AGOL login, appropriate federation & configuration	Vendor
	- Test of Portal login	Vendor
	- Users from each department able to access data for on various network drives (identify representative test cases)	Both
5	Server Performance & Resources	
	- Esri Enterprise server peak memory allocation and CPU usage less than Esri recommendations	Vendor
	- Esri Portal server peak memory allocation and CPU usage less than Esri recommendations	Vendor

CITYWORKS & INTEGRATED SYSTEMS

#	Test	Responsible
1	User Interactions & Data Quality - General & Service Requests	
	- User able to see map with all elements of BPUB system & customer information (data to see)	Vendor
	- User able to search for customer by name, address, account number, ... (identify appropriate fields)	Vendor
	- User able to search for system equipment by description, part number, ... (identify appropriate fields)	Vendor
	- Users of each type able to see, filter and sort service requests in their Inbox	Vendor
	- User able to search for and see all previous service requests (representative sample)	Vendor
	- Previous service requests contain appropriate fields, notes, ... , attached documents	Vendor
	- User able to create a service request	Vendor
	- Able to access all order options - call types, ... - on new service request	Vendor
	- Able to geocode address on new service request	Vendor
	- Able to attach documents to new service request	Vendor
	- Able to print and email service requests	Vendor
	- Able to see previously attached documents for assets and attach new ones	Vendor
	- Able to see previous service request reports	Vendor
	- Able to access previous service request templates & create new templates	Vendor
2	User Interactions & Data Quality - Work Orders	
	- Users of each type able to see, filter and sort work orders in their Inbox	Vendor
	- User able to search for and see all previous work orders (representative sample)	Vendor
	- Previous work orders contain appropriate fields, notes, ... , attached documents	Vendor
	- User able to create a work order	Vendor
	- Able to attach a work order to an asset	Vendor
	- Able to assign labor, equipment and materials to a work order	Vendor
	- Able to print and email work orders	Vendor
	- Able to see previous work order reports	Vendor
	- Able to access previous work order templates & create new templates	Vendor
3	Scheduled functions / integrations	
	- Freenace appropriately interacts with Cityworks (quantify during project)	Both
	- All map layers previously available are still available (identify appropriate)	Vendor
	- Customers able to create new service requests in Cityworks using BPUB web page	Both
	- Customers receive update messages (SMS, ...) for service requests	Both
	- Cognos reports for service requests and work orders function properly	BPUB
	- Process demonstrated to refresh copy of Production database to Test environment	Vendor
4	Network Access, Authentication & Security	
	- Desktop users authenticate on login using corporate login credentials	Vendor
	- Cityworks Admin able to add users & define roles which leverage users in Active Directory	Vendor
	- Field users able to access via VPN and authenticate on login using corporate login credentials	Both
	- Users from each department able to access data for on various network drives (identify representative test cases)	Both
5	Server Performance & Resources	
	- Cityworks server peak memory allocation and CPU usage less than Cityworks recommendation	Vendor

DESIGNER & INTEGRATED SYSTEMS

#	Test	Responsible
1	User Interactions & Data Quality - Designer	
	- User able to open Pro and see existing map	Vendor
	- Able to verify existing maps use appropriate databases (representative samples)	Vendor
	- Existing maps show appropriate symbology	Vendor
	- User able to trace up and trace down (verify network model still in tact) (representative sections of system)	Vendor
	- User able to open ArcFM Solutions Process Manager	Vendor
	- Able to see users, nodes and transitions in Process Manager	Vendor
	- Able to see expected list of open and completed jobs	Vendor
	- Able to see previous completed jobs	Vendor
	- Able to open Workflow Manager	Vendor
	- Able to see existing jobs in process	Vendor
	- Able to create a new Workrequest	Vendor
	- Able to create a new Design	Vendor
	- Able to design a job including adding new assets and removing old assets	Vendor
	- Able to construction units to job	Vendor
	- Verify that equipment templates area available and are incorporated appropriately	Vendor
	- Able to process transformer changes appropriately	Vendor
	- Able to process meter changes appropriately	Vendor
	- Able to construct and close out a job appropriately	Vendor
	- Able to post a completed job to GIS default version	Vendor
	- Able to create and print staking sheets	Vendor
	- Job communication - email, assign responsibilities	Vendor
2	Scheduled functions / integrations	
	- Able to update Cityworks with newly designed job	Vendor
	- Able to update Designer with changes in Cityworks	Vendor
3	Network Access, Authentication & Security	
	- Desktop users authenticate on login using corporate login credentials	Vendor
	- Admin able to add users & define roles which leverage users in Active Directory	Vendor
	- Field users able to access via VPN and authenticate on login using corporate login credentials	Both
4	Server Performance & Resources	
	- Designer server peak memory allocation and CPU usage less than Schneider recommendations	Vendor