

REQUEST FOR COMPETITIVE SEALED PROPOSALS

GIS PARCEL FABRIC MIGRATION TECHNICAL SERVICES

Date Received	Question	Response
8/22/2016	What is the name of the FTP site?	ftp.cad.org
8/22/2016	How do I access the FTP Site?	<i>Username: gis_rfp & Password: g!\$_rfp</i>
8/25/2016	It is our understanding that a "Pilot Project" was completed a few months back using the same procedures which would be desired for this project. Can Harris County make the "Pilot Project" Parcel Fabric data set available?	<i>The "Pilot Project" Parcel Fabric data set has been provided on the FTP site.</i>
8/25/2016	Can Harris County make available some of their existing data?...preferably at least w100k GIS Tax Parcels.	<i>The complete HCAD data set has been provided on the FTP site using the current HCAD data structure, cut on August 22, 2016. Please see readme file.</i>
8/25/2016	Can the County disclose the fee which was paid for the "Pilot Project"?	<i>The "Pilot Project" fee was \$19,384.40 for Time & Materials consulting. Tasks included were on-site workflow review interviews, on-site conversion consulting, remote support, training preparation, on-site training, pilot review webcast, development of the Custom Anno Transfer Tool, and travel expenses. The actual conversion was done by HCAD staff.</i>
8/25/2016	Can the County disclose the budget for this project?	<i>Unknown at this time.</i>

Page 7. Project: second paragraph > This paragraph says the migration will be “limited to parcel and subdivision features.” Page 8, however, says “the work proposed will be using the following tasks.” Task A. describes the cleaning and loading of Parcels only. The only mention of subdivisions is under Task F. which only states “create plans from subdivisions and associate parcels with plans. There is no task in this section that specifically addresses the cleaning, staging and loading of Subdivisions. **Are existing subdivision polygons to be loaded into the parcel fabric?**

8/30/2016

Yes, the existing Subdivision Polygons will be loaded into the Parcel Fabric.

Page 7. Project: second paragraph > This paragraph says “road right-of-way features will be created post-migration using automated processes.” **Is the expectation that the final fabric will contain road right-of-way polygons or does this sentence mean the county will be responsible for creating them after project completion?** This is of particular importance because the task list beginning on page 8 does not specifically address cleaning, staging and loading of road right-of-ways, however, it does require “road frontage delineation and assignment.”

8/30/2016

Yes, The Final Parcel Fabric will contain Road Right of Way Polygons. It is expected that this will be included in the RFP response.

Section A, Table 1 > This table lists field mapping for source data to destination fabric. This table lists fields from the Abstracts layer, however, conversion of abstracts is not stated on *Page 7, Project: second paragraph* or in the task list on page 8. **Are existing abstract polygons to be loaded into the parcel fabric?**

8/30/2016

Yes, Existing Abstract Polygons will be loaded into the Parcel Fabric.

8/30/2016	<p>Section A, Table 1 > This table refers to “History”. The sample LandBase geodatabase contains a sub_history polygon feature class. Is the expectation that the sub_history layer will be loaded into the parcel fabric? RFP Specifications of Bid, Page 8, B. Dimensions Task as outlined in the RFP states that Annotation values that are outside of the 1% threshold will be transferred “using a Custom Anno Transfer tool as provided.” Can HCAD expand on how the tool operates, i.e. the user click on annotation and then the associated feature to which it belongs?</p>	<p><i>No, the Sub_History layer will not be part of the Parcel Fabric Migration.</i></p>
9/1/2016	<p>RFP Specifications of Bid, Page 8, B. Dimensions Task as outlined in the RFP states that Annotation values that are outside of the 1% threshold will be transferred “using a Custom Anno Transfer tool as provided.” Is there a threshold at which the difference between an annotation parcel dimension and the actual length of the line should be flagged or otherwise account for?</p>	<p><i>Yes, the user clicks on annotation and then the associated feature to which it belongs. Note that when there are back lot lines that Merge Parcel Courses must be used that the corresponding anno value will have to correctly portioned.</i></p>
9/1/2016	<p>RFP Specifications of Bid, Page 7, “Project”, states “Annotation data will be migrated “as is” to a standalone feature class in the new land records database. Annotation will not be migrated into the land records data model”. Can HCAD please clarify whether the Annotation is, or is not migrated into the Parcel Fabric geodatabase “as is” to a standalone feature class?</p>	<p><i>No threshold. We understand that some of the earlier manuscripts that we digitized for System 9 GIS and subsequently rubber sheeted in 2004/2005 might be very significant, with the DIM field populated with the anno value or proportionate anno value for merged courses, we can compare with the inverted length to get lines that are greater than 1%.</i></p>
9/1/2016	<p>RFP Specifications of Bid, Page 7, “Project”, states “Annotation data will be migrated “as is” to a standalone feature class in the new land records database. Annotation will not be migrated into the land records data model”. Can HCAD please clarify whether the Annotation is, or is not migrated into the Parcel Fabric geodatabase “as is” to a standalone feature class?</p>	<p><i>The Annotation will only be migrated as part of an archival layer. It will not be used as the default in the Parcel Fabric. HCAD will be pursuing Dynamic Labeling.</i></p>

9/1/2016	RFP Specifications of Bid, Page 7, "Project", states that the "Current Esri" geodatabase has over 7.5 million annotations with over 4.5 million of them being parcel dimensions". Can HCAD indicate whether the other annotations are in this project scope of work?	<i>No Other Annotation will be used as part of migration in this Scope of Work.</i>
9/1/2016	RFP Specifications of Bid, Page 7, "Project", states that the "HCAD has a portion of the Dimension field values that were populated during the "Early Esri" COGO and "Current Esri" COGO eras.". Can HCAD please clarify that: a.) This means that the dimension values are included in 30% of the parcels (Early and Current Esri Data)	<i>The processes that were used internally added in a number of missing annotations. The sum of that process, in addition to the existing matched features, totals 55%.</i>
9/1/2016	RFP Specifications of Bid, Page 7, "Project", states that the "HCAD has a portion of the Dimension field values that were populated during the "Early Esri" COGO and "Current Esri" COGO eras.". Can HCAD please clarify that: b.) The dimensions for 45% of these parcels will need to be transferred by the vendor using the Anno Transfer Tool.	<i>45% is the correct percentage that will have to be transferred.</i>
9/1/2016	RFP Specifications of Bid, Page 8, A, "Parcels Task", states that stacked parcels (Condos, Undivided Interest, Agriculture, Pure) are to be extracted and moved to the "TaxParcelCondo related table". The sample parcel fabric data does not contain any records in the TaxParcelCondo table. Can HCAD note the specific information (fields) that is to be migrated to the table?	<i>There was no condo in the Sample Fabric. However, there is one Undivided Interest that is stacked In the Northwest Area of the County. If Labeling is turned on, you should notice about 40 accounts all being labeled at the same time. We seek the account numbers be moved into the TaxParcelCondo Table, as well as the name of the Condo be applied.</i>

9/1/2016	<p>RFP Specifications of Bid, Page 8, B, "Dimensions Task", states that "post staging-HCAD will perform this task of driving Dimension values for annotation that are near parcel lines into the parcel line attribute table with a values that are within less than or equal to 1% of the measured line length". a. Does this mean that HCAD will be performing the task of using their scripts to auto-load dimensions within range of the line and less than or equal to 1% of the actual measured line length, or this is actually part of the selected vendor's scope of work?</p> <p>RFP Specifications of Bid, Page 8, B, "Dimensions Task", states that "post staging-HCAD will perform this task of driving Dimension values for annotation that are near parcel lines into the parcel line attribute table with a values that are within less than or equal to 1% of the measured line length". b. If this is a HCAD task, will the auto-loaded dimensions be included in the source data provided to the successful vendor for migration, rather than actually loaded by HCAD in the post-staging phase of migration?</p>	<p><i>This is an HCAD Task prior to releasing the final data to the awarded bidder.</i></p>
9/1/2016	<p>RFP Specifications of Bid, Page 8, B, "Dimensions Task", states that "post staging-HCAD will perform this task of driving Dimension values for annotation that are near parcel lines into the parcel line attribute table with a values that are within less than or equal to 1% of the measured line length" c. If this is a vendor task, will HCAD provide the scripts for performing the auto load of the dimensions?</p>	<p><i>They will be provided in whole as part of the migration process.</i></p>
9/1/2016	<p>Will any parcels require recreation using Coordinate Geometry (COGO)? For example, if parcel annotation dimensions fall outside of the 1% threshold or for rubber</p>	<p><i>This will be an HCAD Task.</i></p>
9/1/2016	<p>sheeted System 9 parcels.</p>	<p><i>There will not be any recreation that we expect at this time.</i></p>

9/1/2016	RFP Specifications of Bid, Page 8, E “Control Points Task” indicates to “examine 14,257 plats and copy 1-4 pairs of x,y coordinates from ~8,746 digital plats into a spreadsheet.” Can HCAD please clarify if only the digital plats need their control points converted?	<i>see below</i>
9/1/2016	RFP Specifications of Bid, Page 8, E “Control Points Task” indicates to “examine 14,257 plats and copy 1-4 pairs of x,y coordinates from ~8,746 digital plats into a spreadsheet.” In what format will the digital plats be provided?	<i>They can be provided as PDF or JPEG</i>
9/1/2016	RFP Specifications of Bid, Page 8, E “Control Points Task” indicates to “examine 14,257 plats and copy 1-4 pairs of x,y coordinates from ~8,746 digital plats into a spreadsheet.” Will the vendor need to address the 5,501 plats that are not digital?	<i>The successful vendor will not need to address these plats.</i>
9/1/2016	RFP Specifications of Bid, Page 8, E “Control Points Task” indicates to “Create Parcel Fabric Plans and relate control points to parcels”. We did not see any Plat features in the Parcel Fabric pilot data provided by HCAD. Can HCAD please clarify whether the perimeter polygons are to be developed for the plats and included in the Parcel Fabric delivery (a separate feature class)?	<i>Plats would be “Subdivisions” identified as Subdivision_Poly in the HCAD Geodatabase.</i>
9/1/2016	RFP Specifications of Bid, Page 8, E “Control Points Task” indicates to “Create Parcel Fabric Plans and relate control points to parcels”. If so, do perimeter polygons reside in the digital plats?	<i>They exist as the Suidivision_Poly.</i>
9/1/2016	RFP Specifications of Bid, Page 8, E “Control Points Task” indicates to “Create Parcel Fabric Plans and relate control points to parcels”. If so, will the digital plat polygons require any additional adjustment to the GIS parcel layer?	<i>They will not require adjustment.</i>

9/1/2016	<p>RFP Specifications of Bid, Page 9, F “Attribute Management Task” indicates to “Create Plans from subdivisions and associate parcels with plans, and relate control points to parcel corners.” Can HCAD please clarify that “Create Plans” refers to migrating the ~29,700 subdivision polygons from the existing HCAD GIS source data to Parcel Fabric?</p>	<p><i>That statement is correct. HCAD expects the awarded bidder to Create Plans from the existing Subdivision_Poly feature class .</i></p>
9/1/2016	<p>Bid Response Sheet 2 of 12 on RFP page 11, “Current On-Going Projects”, states the vendor shall “attach a list of each project that it is performing at the time of the request.” What is the maximum number of projects that should be submitted if the vendor is a large, multi-discipline firm with a significant number of projects currently in progress?</p>	<p><i>Projects that relate to GIS specific work will be sufficient for this submission. While there is no maximum, if there are projects the bidder feels would be useful to show qualified work, include them at your discretion.</i></p>
9/1/2016	<p>On reviewing the pilot project datasets, in the input landbase geodatabase there are 60 Feature classes. However, in Section A, table 1 in the RFP, the field mapping is shown for only four layers. Could HCAD please verify:</p>	<p><i>Parcel Polygons, Parcel Lines, Subdivision Polygons, and Subdivision Polylines, Abstract Polygon, and Abstract Line are the features being moved to the Parcel Fabric. The remaining features are part of the data used in our Production Landbase, and were provided as background data.</i></p>
9/1/2016	<p>On reviewing the pilot project datasets, in the input landbase geodatabase there are 60 Feature classes. However, in Section A, table 1 in the RFP, the field mapping is shown for only four layers. Could HCAD please verify if the schema in the sample parcel fabric data provided (Fabric_non_Review.gdb) be the same schema that will be delivered from the vendor to HCAD?</p>	<p><i>The schema will not be the same as the one provided from the Parcel Fabric Pilot.</i></p>
9/1/2016	<p>Many Individual feature classes were seen inside the sample Parcel Fabric geodatabase (Fabric_non_Review.gdb) such as blk_num, acre_pt, parcel_poly_pilot, etc. Are these additional layers that</p>	<p><i>Those layers are artifacts from the migration process that were specifically sited above and will not be migrated to the Parcel Fabric.</i></p>

9/1/2016	<p>Could you confirm if our understanding is correct for parcel feature layer in Landbase dataset will be migrated to Tax Parcel in the Fabric?</p>	<i>This is correct</i>
9/1/2016	<p>Could you confirm if our understanding is correct for Subdivision_poly feature layer in Landbase dataset will be migrated to Subs and Condos in the Fabric? Concerning parcel fabric accuracy, the default value is 6.</p>	<i>This is correct</i>
9/1/2016	<p>Upon reviewing the pilot data, we note that the value varies, and also blank for different features. What is HCAD's proposed method for assigning accuracy? Could HCAD elaborate on the initial data scrub activities?</p>	<i>We will be assessing accuracy based on the year of the Subdivision Polygon.</i>
9/1/2016	<p>Other than topology validation, are there any other scrubbing expectations, in particular any manual scrubbing tasks?</p>	<i>Topology Related scrubbing is the only task at this time.</i>
9/1/2016	<p>Post migration, will the vendor be expected to perform any edits/modifications to the data using parcel fabric tools other than merge course which is a default activity?</p>	<i>Only to support the completion of the project if a problem with data loading and validation were to occur.</i>
9/12/2016	<p>Should historical subdivisions be loaded in the Fabric?</p>	<p><i>No, Historical Subdivisions will no be loaded in the Fabric. Only Subdivisions located in the Subdivision_Poly Feature Class will be loaded into the Fabric.</i></p>
9/12/2016	<p>How should condominiums be loated/identified? The source date contains values in the CONDO_Field. Please provide descriptions for these values.</p>	<p><i>Condos can be located by using a combinationof two feature classes. The condo_acc_num annotation feature class for finding the condos, and the Subdivision_Poly feature class to extract the Name of the Condo from.</i></p>
9/14/2016	<p>What will be the criteria of identifying stacked parcels in the source data specifically for undivided interest and agricultural parcels?</p>	<p><i>Separate tables of accounts relating to Undivided Interest and Agricultural Parcels will be provided as part of the migration process.</i></p>

