February 18, 2014

Addendum #1

RFQ #50-14

REQUEST FOR QUALIFICATIONS

PROFESSIONAL PLANNING SERVICES

3D MASSING-MODEL PROJECT: DOWNTOWN PORTSMOUTH

This Addendum forms part of the original document marked: RFQ #50-14 Professional Planning Services 3D Massing-Model Project: Downtown Portsmouth.
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The following questions have been asked and answered.

1. **Are we expected to capture the roof details (exact shape, chimneys etc.)**

   Response – Within Target Area B we do expect to see textured surfaces showing the chimneys and other rooftop and building projections like dormers or bays. If possible, we are also seeking this level of detail for Target Area B as shown in the RFQ.

2. **Can the City provide an accounting of what source data is available to support this project?** Other questions asking for similar information:
   a. **Does the City have an existing DTM that can be used for the project?**
   b. **Is there an existing up to date aerial imagery available? (oblique and lidar may be also helpful)**
   c. **Under CITY STAFF SUPPORT the RFP reads: "City staff in the Department of Public Works will organize the baseline data and provide this to the Consultant." - Will this include high quality stereo air photography and elevation models required to develop the 3D Massing Model.**
   d. **Are there existing 3D building outlines?**
   e. **If not, is there current, controlled stereo imagery from which they can be developed?**
   f. **What does the City of Portsmouth have available for existing building data?**
   g. **Is this data attributed with building elevations?**
   h. **Does the City of Portsmouth have any ground elevation data that would be available to the client?**

   Response – City Data available for this project in both Geodatabase and DWG:
   - 2006 Aerial Photography & Planimetric Data
     - Raw stereo-images with AGPS data (GeoTiff)
     - GPS three-dimensional control network survey report
       - Positional errors at the 95% confidence level were all less than 0.05' horizontally and 0.11' in the elevation.
     - Topography – 1ft intervals in majority of projects areas, 2ft intervals in small amount of outlying project areas.

    - Digital Terrain Model
    - Planimetrics – All have elevation data
        - Building footprints
        - Building rooflines
        - Sidewalks
        - Edge of roadway
        - Parking lots and driveways
        - Walls, fences, towers, docks, pools, tanks & guardrails
    - Digital Orthophotos @ 0.25' resolution in TIFF / MrSID format
- 2010 Orthophotography
    - Source: NH Department of Transportation
    - 0.5 foot, color, 4-band aerial photographs (GeoTiff)
- 2011 LiDAR
    - Source: USGS - LIDAR for the NorthEast (ARRA LIDAR Task Order)
    - 2Meter DEM

3. **Can the City provide a count of the number of buildings within each target area – A, B and C?**

    Response – Target Area A = +/- 1,000 buildings
    Target Area B = +/- 400 buildings
    Target Area C = +/- 200 buildings

4. **Target Area B looks to be a subset of Target area A. Does the City require both masses and textured models of this area or just textured models?**

    Response – We would like both.

5. **The use of aerial imagery vs. street level imagery produces significantly different results. What is preferred by the City of Portsmouth?**

    Response – The city has no preference so responses should propose what you think is most appropriate and why?

6. **Does the City of Portsmouth have any of the above imagery for client use?**

    Response – See above for aerial imagery. There is no existing street level imagery.

7. **Please explain the "city-hosted, cloud based web-site application". Would this be just for the 3D building masses or all of your GIS data?**

    Response – The City would prefer to host the final product on its own servers. In addition, the City has an ArcGIS Server Enterprise license. However, the city would evaluate any alternative solutions that achieve the tasks outlined by the RFQ. The city is not looking for a comprehensive web-based GIS application, only a product to represent the 3D building masses of existing features with the ability to insert proposed sites and make permanent updates as structures are completed.

8. **For buildings added after 2006 – is there a count of these buildings and is it expected that the vendor will develop these new buildings as textured massings to include within the 3D base map?**

Response – There are less than 10 new buildings. The vendor will be expected to add/develop these new buildings into the massing model including adding textured surfaces. Approved design level site plans will be provided for buildings not included in the 2006 dataset.

All else remains unchanged from original request for qualifications document.

Please acknowledge this addendum within your proposal, failure to do so may subject a vendor to disqualification.

End of Addendum #1