



Gorrondona & Associates, Inc.

June 19, 2014

Approved by CC:

AUG 11 2014

Johnson County  
1 N. Main Street, Room 305  
Cleburne, Texas 76033  
Attn: Ms. Kristi Shaw

Re: **JOHNSON COUNTY – County Jail Expansion**

Dear Ms. Shaw:

Gorrondona & Associates, Inc. (G&A) is pleased to submit this proposal for professional land surveying services for the above referenced project. The following itemized surveying services are to be provided by Gorrondona & Assoc. Inc.:

**I. BOUNDARY SURVEY**

- 1.) Research parcels/lots and obtain a copy of plats and deeds to Johnson County and all adjoining. Prepare a deed sketch, locate property corners.

**II. TOPOGRAPHIC SURVEY**

- 1.) Provide new, color digital orthoimagery of the defined project area at 0.25' pixel resolution in TIF format with associated TFW World File;  
Topographic mapping (vector data) in AutoCAD format and will consist of:
  - ✓ Contours at 1' interval;
  - ✓ Digital Terrain Model (DTM) – Mass Points and Break Lines;
  - ✓ Other 2D planimetric features suitable for plotting at 1"=50'.  
Planimetric features will include, but not be limited to: transportation features, such as streets, roads, and rail lines; buildings and other permanent structures; cultural features, such as fences, retaining walls, stockpiles, athletic facilities, berms, and quarries; utilities, such as pipelines, transmission towers and poles; hydro features, such as ponds, rivers or streams.

Topographic mapping data will be compiled to meet the American Society of Photogrammetry and Remote Sensing (ASPRS) Class 1 map standards of accuracy for large-scale mapping. (Well-Defined Planimetric Feature Points – 0.7' at a 95% confidence level; Well-Defined Topographic Feature Points – 0.67' at a 95% confidence level; and DTM Points/Spot Elevations

– 0.33' at a 95% confidence level). ASPRS standards were designed for "large-scale" planimetric and topographic maps prepared for engineering applications and other special purposes.

- 2.) Deliverables shall include a final design/topographic drawing in an AutoCAD 2013 file format showing property line, all features located in the field, one-foot interval contours and a land XML file. Deliverables shall also include a copy of the field notes, an ASCII coordinate file of all points located in the field and a hard copy of the coordinates.

Gorrondona & Associates, Inc. can complete the above itemized surveying task for a lump sum fee of **\$10,500.00**. If you have any questions or need additional information please contact me at (817)496-1424.

Sincerely,

**GORRONDONA & ASSOCIATES, INC.**



W. Truett Wilson, RPLS  
Survey Director