

PROJECT SCOPE OF WORK AND FEES FOR HEBER CITY, UTAH

APRON LAYOUT AND MARKING DESIGN HEBER CITY MUNICIPAL AIRPORT, RUSS MCDONALD FIELD

1. PRE DESIGN PHASE - \$360.00

- 1) GDA will meet with the Sponsor as necessary for project formulation. This meeting (or meetings) will be conducted to provide the representatives of the Sponsor with the opportunity to review and discuss the nature and extent of the project and to establish the project design criteria, budget, and schedule.

2. SURVEY PHASE - \$2,900.00

GDA Engineers will provide all personnel, equipment, and materials necessary to locate and accurately survey the parcel of land designated as FBO Area on the map labeled EXHIBIT A2 provided to Heber City by Horrocks Engineers in 2005. GDA Engineers will specifically mark all 13 angle points described in said description with a durable metal monument at each location. GDA proposes to use brass tabs set into the asphalt for corners falling within the ramp and parking area paved surfaces. GDA proposes to use 24" rebar with 2 ½" aluminum caps for areas that fall within grass or natural bare earth areas.

Final deliverables for this project will include the monumented locations. It is assumed that the map delivered by Horrocks in 2005 will still be sufficient for showing the lease area; however, GDA will be willing to produce a map if required but is not a part of this proposal.

Assumptions:

1. It is assumed that the description on the above described Horrocks Engineers map is the lease area.
2. The deliverables will be limited to monumentation of lease area corners.

Schedule:

GDA will produce the above described deliverables within 3 weeks from a written notice to proceed. If a more expeditious schedule is desired, GDA will work diligently with Heber City to advance the schedule.

3. PLANNING PHASE - \$2,810.00

- 1) Planning will design the layout configuration of the apron space including adequate spacing for taxiway and taxiway requirements. Additionally, planning will include layout of a transition area between the free ramp space and FBO leased ramp space. Deliverable will be in the form of an 11x17 sketch.
 - a. *Note: If an Engineer's Estimate is desired with this sketch, there will be an additional charge of \$960. Estimate will include itemized quantity spreadsheet with unit prices and total estimated cost.

4. ENGINEERING

4a. DESIGN PHASE - \$7,445.00

- 1) GDA will provide design documents (at 95% complete), including bid document plans and specifications for City review and comment. Comments from the City will be incorporated to the bidding documents.
 - a. 95% documents will include the project manual, consisting of bid documents, construction contract documents, technical specifications, special provisions and construction plans. FAA Standard Specifications will be used for this project.
- 2) GDA will prepare engineer's estimate of probable cost for construction of proposed improvements.

4b. BIDDING PHASE - \$2,780.00

- 1) Prepare advertisement for Bids (City will pay for publication costs).
- 2) Provide bid set project manual and plan sets to interested bidders and address contractors' questions prior to bidding.
 - a. GDA will upload electronic files to our website to allow for electronic download.
 - b. Plan holders list will be provided to the City weekly during the bidding process.
- 3) Coordinate and facilitate a pre-bid meeting. Meeting minutes and recording of the pre-bid meeting will be taken and delivered to the City.
- 4) Coordinate and facilitate the bid opening and prepare a bid tabulation.
- 5) Provide a bid award recommendation.

This document addresses all of the work that is being provided with this proposal. Any additional work not specifically identified herein will be provided after a negotiated amendment is completed by both parties.

If this proposal is found acceptable, the Engineer will prepare an amendment to the 5-Year Generalized Engineering agreement for signature by all parties.

TOTAL ESTIMATED FEES - \$16,295.00