



**J. Banicki Construction, Inc.**  
 4720 E. Cotton Gin Loop, Ste. 240  
 Phoenix, AZ 85040  
 (480) 921-8016 Main · (480) 921-9456 Fax

## SURVEYING BID PROPOSAL

### PSHIA Infield Utility Vault Upgrade and Infield Paving (Re-Advertise) Construction Manager at Risk, Construction Services Project No. AV08000074 ADOT, E3S2J01C GMP2

**Bid Proposal of (Firm Name):** \_\_\_\_\_

**Acknowledges Receipt of the following Addenda:** \_\_\_\_\_

Bidder agrees to perform all                     **SURVEYING**                     within the Work Category as it appears below including all applicable direct and overhead costs, profit, taxes, bond, insurance, and all costs associated with the Project.

It is a requirement for each firm to use the following pages to submit a bid proposal. The firm can attach additional supporting information regarding the bid. Any deviations from the bid proposal could result in the bid proposal being rejected.

**SCOPE OF WORK – SURVEYING AND CONSTRUCTION STAKING**

Work under this classification includes: Set all construction stakes, establishing lines, grades and elevations to construct the Project, including necessary utilities, appurtenances and shall be responsible for their conformance with plans and specifications. The Engineer has established survey control points and bench marks for the project. Verify the accuracy of the control points established by the Engineer. Set all stakes including, but not necessarily limited to: centerline stakes, offset stakes, reference point stakes, slope stakes, pavement lines, grade stakes, blue tops for subgrade and subbase course, stakes for utilities, drainage, pipe, base and pavement courses, paint striping layouts, supplemental bench marks and permanent record drawing elevations of concrete pavement at each concrete paving joint intersection, as the record drawing elevations prior to placing AC, as well as all other horizontal and vertical controls necessary for complete and accurate layout of the construction work. Stake all electrical airfield light bases and sign pads. Provide record drawings. Labor, materials and equipment to complete the work indicated above in accordance with the project plans and specifications.

This is a Construction Manager at Risk (CMAR) project with the City of Phoenix Aviation Department. Your quote should be based on **your** takeoff (A), and must indicate unit prices (B) with extensions (C) for all items included in your bid. Payment will be made per the project specifications.

**BID SCHEDULE BASE BID:**

SPEC NO.	BID ITEM DESCRIPTION	OWNER QUANTITY	TAKEOFF QUANTITY (A)	UM	UNIT PRICE (B)	EXTENDED PRICE (C)
SP-30	Construction Survey Layout	1		LS		
					<b>TOTAL PRICE:</b>	
	DBE PARTICIPATION	_____ %			Percentage of Subtotal	



**GENERAL NOTES AND INCLUSIONS:**

- a) Security of materials stored on site is Subcontractor's responsibility.
- b) Subcontractor is responsible for timely submittals, re-submittals, RFI's and other project management functions so as not to negatively affect the project schedule
- c) Subcontractor acknowledges that project schedule will be 5 nights a week, 8 hour shifts per Project CPM Schedule.
- d) Subcontractor will provide an on-site superintendent/manager dedicated to the project that will be responsible for daily coordination meetings, weekly Owner meetings, 5-week schedules and other project management.
- e) Actual premium cost of the bond required hereunder shall be reimbursed by Contractor up to a maximum of 3% of the total Sub-subcontract amount. Reimbursement to be made upon submission to Contractor of an original paid and/or original receipted invoice from the surety or agent for the bond premium.
- f) Mobilization item includes all mobilizations for duration of the project
- g) Parking onsite will be designated by the Contractor. Subcontractor is responsible for their employee's transportation on-site, and expenses.
- h) Subcontractor is responsible for having employee personnel attend the Airport Security Badging Training as specified in Section 36-3.8 of the project specifications and carrying insurance per the requirements of the Contract Documents.
- i) Subcontractor is responsible to include the cost for Airport Security Badging Training in their pricing and will not be separately reimbursed for the cost of employee Airport Security Badging Training.
- j) Subcontractor is responsible for flashing amber beacons on all equipment and vehicles at all times during construction.

**SCOPE OF WORK:**

- a) Set all construction stakes, establishing lines, grades and elevations to construct the Project, including necessary utilities, appurtenances and shall be responsible for their conformance with plans and specifications.
- b) The Engineer has established survey control points and bench marks for the project. Verify the accuracy of the control points established by the Engineer.
- c) Set all stakes including, but not necessarily limited to: centerline stakes, offset stakes, reference point stakes, slope stakes, pavement lines, grade stakes, blue tops for subgrade and subbase course, stakes for utilities, drainage, pipe, base and pavement courses, paint striping layouts, supplemental bench marks and permanent record drawing elevations of concrete pavement at each concrete paving joint intersection, as the record drawing elevations prior to placing AC, as well as all other horizontal and vertical controls necessary for complete and accurate layout of the construction work.
- d) Stake all electrical airfield light bases and sign pads.
- e) Provide record drawings.
- f) Mark removal limits (50' intervals and angle points)
- g) Prepare electronic surface model for subgrade based on design CAD files provided by the Engineer.
- h) Bluetop subgrade at paving plan grid intersections.
- i) Layout permanent striping (25' intervals on curves, 50' at tangents)
- j) As-built final Asphalt at paving plan grid intersections.
- k) The subcontractor acknowledges that all equipment, procedures and materials meet project schedule, technical specifications and are all inclusive of requirements for the installation of work.
- l) The unit costs developed above shall be inclusive of all hours worked, including overtime, night, and weekend work.
- m) Subcontractor acknowledges that equipment and materials will be required to be mobilized off site or moved in between phases or at the request of Airfield Operation, CM, Airport, or J. Banicki construction at no additional cost to Banicki.



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- n) Cut / Fills for infield drainage to include flow lines
- o) TOPO existing subgrade under Taxiway Areas and infield Drainage – Before and After Excavation by Total Station Only
- p) Layout of Concrete Structures and Storm Drain to include adjustments
- q) Layout for Electrical Items

List of Disadvantage Business Enterprises (DBE) and Price: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**RESPONSIVE BID REQUIREMENTS**

- (Initials) If any exceptions are taken to the requirements of this Proposal form, include those exceptions below, stating the sections and paragraphs and the specific exception.
- (Initials) In submitting this Proposal, the bidder agrees to complete the work in accordance with the included Preliminary Construction Sequence and schedule.
- (Initials) In submitting this Proposal, the bidder agrees that this bid is valid for the duration of the Preliminary Construction Sequence and no material escalation will be accepted as part of this proposal.
- (Initials) In submitting this Proposal, the bidder has provided exceptions taken to the commercial terms stated in our Agreements, stating the sections and paragraphs and the specific exception.
- (Initials) All material meets or exceeds the requirements outlined in the Contract Documents, including all plans, technical specifications, City of Phoenix Supplements, Maricopa Association of Government (MAG) specifications, Arizona Department of Transportation (ADOT) Specifications and Federal Aviation Administration (FAA).
- (Initials) The Owner requirements, federal provisions Davis-Bacon General wage determination, Buy America, and other required contract provisions will be made a part of all Agreements.
- (Initials) Disadvantage Business Enterprise (DBE) firms are listed on Arizona Unified Transportation Registration and Certification System (AZ UTRACS).



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Signature:

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Name (Print):

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Title:

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Business Address:

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Telephone/Fax Number:

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Contractors' License Number:

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Federal ID Number:

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General Liability Insurance Carrier (not the agent):

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