



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

**ELECTRICAL BID PROPOSAL**  
**Deer Valley Airport Relocate Taxiway B and Construct B6/B9**  
**Project No. AV3100092 FAA**  
**AIP 3-04-0028-045-2023**  
**GMP1**

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

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

Bidder agrees to perform all                     **Electrical**                     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.

**SCOPE OF WORK – Electrical**

Work under this classification includes: Labor and materials required to perform electrical upgrades listed below in the schedule of values. The work shall be all inclusive of removal and salvage of fixtures and Isolation Transformers, removal and salvage of airfield guidance signs and isolation transformers, remove and salvage elevated RGL and isolation transformer removal of existing base cans, remove existing junction cans / pull boxes, excavate and remove existing conduit and conductor, removal existing duct bank, removal of concrete sign bases, removal of existing concrete handholes and lids, removal of existing duct bank markers, re-installation of fixtures, guidance signs, and isolation transformers, install temporary lighting jumpers, installation of new fixtures, new base cans, new sign/base installation, junction structure adjustments, and supply of cans, concrete, required formwork, conduit, conductors, electrical testing and connectors associated with all work. All work will be furnished and/or installed in accordance with the Contract Special Provisions, Project Plans, and FAA Standard Specifications.

This is a Construction Manager at Risk (CMAR) project with the City of Scottsdale. 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 by the actual units installed, but not to exceed your indicated takeoff quantity.

**BID SCHEDULE: BASE BID**

BID ITEM	BID ITEM DESCRIPTION	OWNER QUANTITY	TAKEOFF QUANTITY	UM	UNIT PRICE	EXTENDED PRICE
C-105	MOBILIZATION	1		EA		
L-100-5.1	Remove and Salvage Existing Taxiway Edge Light and Isolation Transformer, Remove Existing Base Can	41		EA		
L-100-5.2	Remove and Salvage Existing Runway Guard Light and Isolation Transformer, Remove Existing Base Can	4		EA		
L-100-5.3	Remove and Salvage Existing Runway Edge Light and Isolation Transformer, Existing Base Can to Remain	5		EA		
L-100-5.4	Remove Existing Junction Can / Pull Box	4		EA		
L-100-5.5	Excavate and Remove Existing Conduit and Conductor	6,583		LF		



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L-100-5.6	Remove Existing Conductor, Conduit to Remain	3,517		LF		
L-100-5.7	Remove Existing Concrete Encased Ductbank	355		LF		
L-100-5.8	Remove and Salvage Airfield Guidance Sign and Isolation Transformer, Remove Concrete Sign Base	9		EA		
L-100-5.9	Excavate and Remove Existing Concrete Hand Hole	5		EA		
L-100-5.10	Remove Existing Concrete Hand Hole Lid to Verify Size for New Lid	1		EA		
L-100-5.11	Excavate and Remove Existing Concrete Duct Marker	2		EA		
L-100-5.12	Temporary Airfield Lighting Circuit Jumpers	1		LS		
L-108-5.1	L-824, Type C, 1/C #8 AWG, 5KV Cable, #6 Ground	5,255		LF		
L-108-5.2	L-824, Type C, 2/C #8 AWG, 5KV Cable, #6 Ground	12,370		LF		
L-110-5.1	Single-Way, (1) – 2" Conduit, Direct Buried (Temporary Circuit Jumper Sleeve)	355		LF		
L-110-5.2	Single-Way, (1) – 2" Conduit, Slurry Encased	5,940		LF		
L-110-5.3	Single-Way, (1) – 2" Conduit, Concrete Encased	354		LF		
L-110-5.4	Multiple-Way, (4) – 2" Conduit, Slurry Encased	2,950		LF		
L-110-5.5	Multiple-Way, (4) – 2" Conduit, Concrete Encased	437		LF		
L-110-5.6	Multiple-Way, (6) – 2" Conduit, Slurry Encased	335		LF		
L-110-5.7	Multiple-Way, (6) – 2" Conduit, Concrete Encased	239		LF		
L-110-5.8	Multiple-Way, (6) – 2" Conduit, Directional Bore (HDPE Conduit)	220		LF		



L-110-5.9	Multiple-Way, (10) – 2" Conduit, Slurry Encased	140		LF		
L-110-5.10	Multiple-Way, (10) – 2" Conduit, Concrete Encased	60		LF		
L-110-5.11	Multiple-Way, (16) – 2" Conduit, Slurry Encased	490		LF		
L-110-5.12	Multiple-Way, (16) – 2" Conduit, Directional Bore (HDPE Conduit)	250		LF		
L-115-5.1	New Handhole, Prefabricated Concrete 4'x4'x4' with Aircraft Rated Lid, Furnished and Installed	15		EA		
L-115-5.2	New Handhole, Prefabricated Concrete 4'x4'x5' with Aircraft Rated Lid, Furnished and Installed	5		EA		
L-115-5.3	Provide and Install New Precast Lid With Cylinder Assisted, Aircraft Rated Hatch on Existing Concrete Hand Hole	1		EA		
L-115-5.4	Provide and Install RGL Isolation Boxes and Conduits in New or Existing Concrete Hand Hole	10		EA		
L-115-5.5	New L-867B Junction Can with Steel Blank Cover	1		EA		
L-125-5.1	New L-804(L) LED Elevated RGL with On/Off Switch and Isolation Transformer on New L-867 Base Can	6		EA		
L-125-5.2	Install Salvaged Elevated RGL and Isolation Transformer on New L-867 Base Can	2		EA		
L-125-5.3	New Surface Mounted L-853 Retroreflective Taxiway Edge Marker	7		EA		
L-125-5.4	New L-858(L) Size 1, Style 2, 2-Module, Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	6		EA		
L-125-5.5	New L-858(L) Size 2, Style 2, 2-Module, Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	1		EA		
L-125-5.6	New L-858(L) Size 1, Style 2, 3-Module, Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	1		EA		
L-125-5.7	New L-858(L) Size 1, Style 2, 4-Module, Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	4		EA		
L-125-5.8	New L-858(L) Size 1, Style 2, 5-Module (2-MOD + 3-MOD), Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	1		EA		



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L-125-5.10	New Elevated L-861T(L) LED Taxiway Edge Light and Isolation Transformer on New L-867 Base Can	98		EA		
L-125-5.11	New L-867B Taxiway Edge Light Base with Steel Blank Cover Plate	6		EA		
L-125-5.12	Install Salvaged Runway Edge Light and Isolation Transformer on Existing L-867 Base Can	1		EA		
L-125-5.13	New L-861T(L) LED Taxiway Edge Light w/ Stems, Frangible Couplings and Isolation Transformers (Spares)	10		EA		
<b>TOTAL PRICE:</b>						
	DBE PARTICIPATION BASE BID					Percentage of Subtotal

**Bid Schedule Add Alternate #1**

BID ITEM	BID ITEM DESCRIPTION	OWNER QUANTITY	TAKEOFF QUANTITY	UM	UNIT PRICE	EXTENDED PRICE
C-105	MOBILIZATION	1		EA		
L-100-5.3	Remove and Salvage Existing Runway Edge Light and Isolation Transformer, Existing Base Can to Remain	1		EA		
L-100-5.5	Excavate and Remove Existing Conduit and Conductor	270		LF		
L-100-5.6	Remove Existing Conductor, Conduit to Remain	935		LF		
L-100-5.12	Temporary Airfield Lighting Circuit Jumpers	1		LS		
L-108-5.1	L-824, Type C, 1/C #8 AWG, 5KV Cable, #6 Ground	660		LF		
L-108-5.2	L-824, Type C, 2/C #8 AWG, 5KV Cable, #6 Ground	1,575		LF		
L-110-5.1	Single-Way, (1) – 2" Conduit, Direct Buried (Temporary Circuit Jumper Sleeve)	115		LF		
L-110-5.2	Single-Way, (1) – 2" Conduit, Slurry Encased	1,325		LF		
L-110-5.3	Single-Way, (1) – 2" Conduit, Concrete Encased	135		LF		
L-115-5.4	Provide and Install RGL Isolation Boxes and Conduits in New or Existing Concrete Hand Hole	2		EA		
L-125-5.1	New L-804(L) LED Elevated RGL with On/Off Switch and Isolation Transformer on New L-867 Base Can	2		EA		



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L-125-5.4	New L-858(L) Size 1, Style 2, 2-Module, Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	2		EA		
L-125-5.6	New L-858(L) Size 1, Style 2, 3-Module, Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	2		EA		
L-125-5.7	New L-858(L) Size 1, Style 2, 4-Module, Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	1		EA		
L-125-5.8	New L-858(L) Size 1, Style 2, 5-Module (2-MOD + 3-MOD), Airfield Guidance Sign, on New Concrete Sign Base w/ Asphalt Maintenance Pad	1		EA		
L-125-5.9	Install New Size 1 Sign Panels Installed in Existing Signs (B-to B8 Change for Interim Between GMP 1 and GMP 2)	20		EA		
L-125-5.10	New Elevated L-861T(L) LED Taxiway Edge Light and Isolation Transformer on New L-867 Base Can	24		EA		
L-125-5.12	Install Salvaged Runway Edge Light and Isolation Transformer on Existing L-867 Base Can	1		EA		
<b>TOTAL PRICE:</b>						
	DBE PARTICIPATION BASE BID					Percentage of Subtotal

It is a requirement for each firm to use these pages above 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 or deemed non responsive.

**GENERAL NOTES AND INCLUSIONS:**

- a) The Subcontractor is responsible for all Blue Staking and potholing of existing utilities.
- b) Survey will be provided by Contractor with a minimum of 72 hour notice by Subcontractor. Subcontractor will be responsible to maintain survey layout.
- c) Construction water source is provided by Contractor.
- d) Subcontractor will be responsible to coordinate dust control of their work with Contractor's water truck.
- e) Contractor will not provide any hoisting.
- f) Security of materials stored on site is Subcontractor's responsibility.
- g) Subcontractor is responsible for timely submittals, re-submittals, RFI's and other project management functions so as not to negatively affect the project schedule to include long lead items.
- h) All cost of bonds and insurance must be contained within unit prices.
- i) Subcontractor acknowledges that project schedule will be 5 Nights a week – 8-hour shifts. Per Project CPM Schedule.
- j) Subcontractor will provide an on-site superintendent/manager dedicated to the project that will be responsible for daily coordination meetings, weekly Owner meetings, other project management, and security access training (approx.. 2 hours)
- k) Subcontractor is responsible for additional material testing costs required for failing to pass initial material tests. Costs charged by the Owner to the Contractor shall be passed through to the Subcontractor.

- l) Mobilization item includes all mobilizations for duration of the project
- m) Parking will be designated by the Contractor. Subcontractor is responsible for their employee's transportation on-site, and expenses.
- n) Subcontractor is responsible for all electrical scope of work removals from the grade and transported to the Contractor's approved location on site. The Contractor will break and dispose of electrical concrete structures that are placed in the approved location.
- o) Subcontractor recognizes all applicable technical specification sections L-100, L-108, L-110, L-115, L-125 in addition to all applicable project general specifications, has been included in above unit pricing.
- p) Subcontractor is responsible for flashing amber beacons on all equipment and vehicles, including hauling trucks and delivery trucks, at all times during construction.
- q) Subcontractor is responsible for "Orange and White" checked airport flags on all equipment, including hauling and delivery trucks at all times during construction.
- r) All vehicles operating within the airfield boundary be identified with a painted or magnetic sign on each side of the vehicle bearing the name and logo of the company.

**SCOPE OF WORK:**

- a) The subcontractor will be required to perform all work listed in the above schedule of values in accordance with the Contract Special Provisions, Project Plans, and FAA Standard Specifications.
- b) The subcontractor will remove and salvage LED fixtures for reinstallation.
- c) The subcontractor will install new duct bank and base cans per the project plans and specifications.
- d) The subcontractor will adjust junction structures per the project plans and specifications
- e) The subcontractor will install new fixtures on both new and existing base cans per the project plans and specifications.
- f) The subcontractor will be required to remove all conductor and fixtures prior to removal of existing base and junction cans.
- g) The subcontractor is responsible for the storage and protection of all salvaged fixtures and conductor.
- h) The subcontractor is required to salvage items for reinstallation as shown on the plans.
- i) The subcontractor acknowledges that all equipment, procedures and materials needed to meet project schedule, technical specifications and are all inclusive of requirements for the installation of work.
- j) The subcontractor will be responsible for any electrical testing required per the project plans and specifications.
- k) The subcontractor will be required to install new base cans for items in the schedule of values that call out to be mounted on new base can.
- l) Subcontractor will be responsible to precast based cans and sign base prior to the anticipated start of construction on in October 2023.
- m) Excess concrete debris/material haul-off generated from excavation must be stockpiled neatly in Contractor's approved location for haul off by the general contractor.
- n) The unit costs developed above shall be inclusive of all hours worked, including overtime, night, and weekend work.
- o) Subcontractor acknowledges that all damage to sold P-209 shall be repaired by contractor at no additional expense to Banicki.
- p) Subcontractor will be responsible for the coordination of cleaning concrete truck chutes at designated washout locations provided by Contractor.
- q) All removed concrete base cans, handholes, sign bases, ductbank, markers, ect.to be stockpiled in contractors staging area where they will be hauled off by the General Contractor.
- r) Maintenance pads to be installed by General Contractor.



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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, City of Phoenix Supplements, Maricopa Association of Government (MAG) specifications, Arizona Department of Transportation (ADOT) Specifications and Federal Aviation Administration (FAA). *For onsite operations only. Excludes delivery to site unless delivery origin is located on project site limits.*
- (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).

Signature: \_\_\_\_\_

Name (Print): \_\_\_\_\_

Title: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone/Fax Number: \_\_\_\_\_

Contractors' License Number: \_\_\_\_\_

Federal ID Number: \_\_\_\_\_



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General Liability Insurance Carrier (not the agent): \_\_\_\_\_