



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
DVT Taxiway C Connectors C4-C10 (GMP1 – C7 and C10)
Project No. AV31000096 FAA/ADOT, E2S4V 01C & E3S3K 01C
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, remove concrete sign base, remove existing concrete handhole and lids, remove existing duct bank marker, 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 Phoenix. 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	18		EA		
L-100-5.2	REMOVE AND SALVAGE EXISTING TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER, EXISTING BASE CAN TO REMAIN	15		EA		
L-100-5.3	REMOVE AND SALVAGE EXISTING RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER, REMOVE EXISTING BASE CAN	1		EA		

L-100-5.4	REMOVE AND SALVAGE EXISTING RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER, EXISTING BASE CAN TO REMAIN	1		EA		
L-100-5.5	REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER, REMOVE EXISTING BASE CAN	2		EA		
L-100-5.6	REMOVE AND SALVAGE EXISTING RUNWAY GUARD LIGHT AND ISOLATION TRANSFORMER, EXISTING BASE CAN TO REMAIN	2		EA		
L-100-5.7	REMOVE EXISTING JUNCTION CAN / PULL BOX	2		EA		
L-100-5.8	EXCAVATE AND REMOVE EXISTING CONDUIT AND CONDUCTOR	2300		LF		
L-100-5.9	REMOVE EXISTING CONDUCTOR, CONDUIT TO REMAIN	1615		LF		
L-100-5.10	EXCAVATE AND REMOVE EXISTING CONCRETE ENCASED DUCTBANK	100		LF		
L-100-5.11	REMOVE AND SALVAGE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER, REMOVE CONCRETE SIGN BASE	5		EA		
L-100-5.12	REMOVE AND SALVAGE AIRFIELD GUIDANCE SIGN AND ISOLATION TRANSFORMER, CONCRETE SIGN BASE TO REMAIN	4		EA		
L-100-5.13	EXCAVATE AND REMOVE EXISTING CONCRETE HAND HOLE	2		EA		
L-100-5.14	REMOVE SIGN PANELS FROM EXISTING AIRFIELD GUIDANCE SIGN	2		EA		
L-100-5.15	TEMPORARY AIRFIELD LIGHTING CIRCUIT JUMPERS	1		LS		
L-108-5.1	L-824, TYPE C, 1 /C #B AWG, 5KV CABLE, #6 GROUND	3145		LF		
L-108-5.2	L-824, TYPE C, 2/C #B AWG, 5KV CABLE, #6 GROUND	2805		LF		
L-110-5.1	SINGLE-WAY, (1) - 2" CONDUIT, DIRECT BURIED (TEMPORARY CIRCUIT JUMPER SLEEVE)	825		LF		
L-110-5.2	SINGLE-WAY, (1) - 2" CONDUIT, SLURRY ENCASED	2780		LF		
L-110-5.3	SINGLE-WAY, (1) – 2" CONDUIT, CONCRETE ENCASED	220		LF		
L-110-5.4	MULTIPLE-WAY, (4) - 2" CONDUIT, SLURRY ENCASED	50		LF		
L-110-5.5	MULTIPLE-WAY, (4) - 2" CONDUIT, CONCRETE ENCASED	235		LF		
L-110-5.6	MULTIPLE-WAY, (2) - 4" CONDUIT, SLURRY ENCASED	185		LF		
L-110-5.7	MULTIPLE-WAY, (2) - 4" CONDUIT, CONCRETE ENCASED	95		LF		

L-115-5.1	NEW HANDHOLE, PREFABRICATED CONCRETE 4'X4'X4' WITH AIRCRAFT RATED LID, FURNISHED AND INSTALLED	4		EA		
L-115-5.2	PROVIDE AND INSTALL RGL ISOLATION BOXES AND CONDUITS IN NEW OR EXISTING CONCRETE HAND HOLE	4		EA		
L-115-5.3	NEW L-867B JUNCTION CAN WITH STEEL BLANK COVER	4		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	1		EA		
L-125-5.2	INSTALL SALVAGED ELEVATED RGL AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	4		EA		
L-125-5.3	NEW L-858(L) SIZE 1, STYLE 2, 2-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	3		EA		
L-125-5.4	SALVAGED SIZE 1, STYLE 2, 2-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	1		EA		
L-125-5.5	NEW L-858(L) SIZE 1, STYLE 2, 3-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	5		EA		
L-125-5.6	SALVAGED 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	1		EA		
L-125-5.8	SALVAGED SIZE 1, STYLE 2, 4-MODULE, AIRFIELD GUIDANCE SIGN, ON NEW CONCRETE SIGN BASE W/ ASPHALT MAINTENANCE PAD	1		EA		
L-125-5.9	SALVAGED 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-125-5.10	INSTALL NEW SIZE 1 SIGN PANELS IN EXISTING SIGNS	10		EA		
L-125-5.11	NEW ELEVATED L-861T(L) LED TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	36		EA		
L-125-5.12	NEW ELEVATED L-861T QUARTZ TAXIWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON NEW L-867 BASE CAN	21		EA		



L-125-5.13	NEW STEEL BLANK COVER PLATE ON EXISTING L-867B TAXIWAY EDGE LIGHT BASE	16		EA		
L-125-5.14	SALVAGED RUNWAY EDGE LIGHT AND ISOLATION TRANSFORMER ON EXISTING L-867 BASE CAN	1		EA		
L-125-5.15	NEW L-853 RETROREFLECTIVE TAXIWAY EDGE REFLECTOR - BLUE, STAKE MOUNTED	3		EA		
L-125-5.16	NEW L-861T(L) LED TAXIWAY EDGE LIGHT W/ STEMS, FRANGIBLE COUPLINGS AND ISOLATION TRANSFORMERS (SPARES)	3		EA		
				TOTAL PRICE:		
	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.
- k) Subcontractor is responsible for having supervisory employee personnel attend the Airport Security Badging Training and carrying insurance per the requirements of the Contract Documents.
- l) 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.
- m) Subcontractor is responsible for flashing amber beacons on all equipment and vehicles, including hauling trucks and delivery trucks, at all times during construction.
- n) 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.
- o) Mobilization item includes all mobilizations for duration of the project
- p) Parking will be designated by the Contractor. Subcontractor is responsible for their employee's transportation on-site, and expenses.



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- q) 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.
- r) Subcontractor recognizes all applicable technical specification sections SP-35, SP-36, L-100, L-108, and L-110 in addition to all applicable project general specifications, has been included in above unit pricing.
- s) Subcontractor is responsible for flashing amber beacons on all equipment and vehicles, including hauling trucks and delivery trucks, at all times during construction.
- t) Subcontractor is responsible for "Orange and White" checked airport flags on all equipment, including hauling and delivery trucks at all times during construction.
- u) 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.
- 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 will be responsible for the coordination of cleaning concrete truck chutes at designated washout locations provided by Contractor.

List of Disadvantage Business Enterprises (DBE) and Price: _____



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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: _____

General Liability Insurance Carrier (not the agent): _____