



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

EXCAVATION / REMOVALS / GRADING / PLACING BID PROPOSAL
Deer Valley Airport Relocate Taxiway B and Construct B6/B9
Project No. AV31000092 FAA
GMP4

Bid Proposal of (Firm Name): _____

Acknowledges Receipt of the following Addenda: _____

Bidder agrees to perform all EXCAVATION, REMOVALS, GRADING, AND PLACING 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 – REMOVE, HAUL, AND STOCKPILE CRUSHED AGGREGATE SLOPE PROTECTION

This item consists of the removal, salvaging and storage of the existing infield crushed aggregate slope protection required for areas of new construction and corresponding construction activities/operations. The material shall be stored at locations on airport property, as identified on the plans. The depth of the existing aggregate material is approximately four (4) +/- inches.

SCOPE OF WORK – PLACEMENT OF CRUSHED AGGREGATE SLOPE PROTECTION

This item consists of the hauling and placing of the existing stored and salvaged crushed aggregate slope protection material on an already prepared surface from existing on-airport stockpile(s) as directed by the City of Phoenix Aviation Department. The finished (rolled) in-place material depth shall be approximately 4 inches, with the top of finished grade of the aggregate matching the proposed grades shown in the plans. The previously constructed layer should be cleaned of loose and foreign material prior to placing the protection course. Prior to placing the crushed aggregate slope protection, one (1) applications of Herbicide shall be applied to the underlying subgrade. Upon completion of placing the protection course the Contractor will apply sufficient water to the entire surface area in order to settle all fines to the bottom of the course. The surface of the aggregate protection course shall be finished by blading or with automated equipment especially designed for this purpose. The finished surface shall be rolled a minimum of two passes with a steel wheel power roller weighing not less than 8 tons.

SCOPE OF WORK – OVER EXCAVATION OF UNSUITABLE MATERIALS AND BACKFILL WITH SELECT MATERIAL

Work under this item consists of the Over excavation of unsuitable material, or undercut excavation, and shall consist of the removal of material that is unsuitable and unsatisfactory for use as subgrade to a depth of one foot below existing grade, or an additional depth as directed by the Engineer. The Contractor shall protect existing utilities while excavating unsuitable material. This material may be made up of rock, hardpan, loose rock, boulders, muck, clay, wet clay and silt or other unsuitable materials.

SCOPE OF WORK – CLEARING AND GRUBBING



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THIS ITEM SHALL CONSIST OF CLEARING AND GRUBBING, INCLUDING THE DISPOSAL OF MATERIALS, FOR ALL AREAS WITHIN THE LIMITS. DESIGNATED ON THE PLANS OR AS REQUIRED BY THE RESIDENT PROJECT REPRESENTATIVE (RPR). CLEARING AND GRUBBING SHALL CONSIST OF CLEARING THE SURFACE OF THE GROUND OF THE DESIGNATED AREAS OF ALL TREES, STUMPS, DOWN TIMBER, LOGS, SNAGS, BRUSH, UNDERGROWTH, HEDGES, HEAVY GROWTH OF GRASS OR WEEDS, FENCES, STRUCTURES, DEBRIS, AND RUBBISH OF ANY NATURE, NATURAL OBSTRUCTIONS OR SUCH MATERIAL WHICH IN THE OPINION OF THE RPR IS UNSUITABLE FOR THE FOUNDATION OF STRIPS, PAVEMENTS, OR OTHER REQUIRED STRUCTURES, INCLUDING THE GRUBBING OF STUMPS, ROOTS, MATTED ROOTS, FOUNDATIONS, AND THE DISPOSAL FROM THE PROJECT OF ALL SPOIL MATERIALS RESULTING FROM CLEARING AND GRUBBING. CLEARING AND GRUBBING DOES NOT INCLUDE REMOVAL OF ITEMS SPECIFICALLY INCLUDED UNDER TECHNICAL SPECIAL PROVISION SPECIFICATIONS

SCOPE OF WORK – EXCAVATION, SUBGRADE, AND EMBANKMENT

THIS ITEM COVERS EXCAVATION, DISPOSAL, PLACEMENT, AND COMPACTION OF ALL MATERIALS WITHIN THE LIMITS OF THE WORK REQUIRED TO CONSTRUCT SAFETY AREAS, RUNWAYS, TAXIWAYS, APRONS, AND INTERMEDIATE AREAS AS WELL AS OTHER AREAS FOR DRAINAGE, BUILDING CONSTRUCTION, PARKING, OR OTHER PURPOSES IN ACCORDANCE WITH THESE SPECIFICATIONS AND IN CONFORMITY TO THE DIMENSIONS AND TYPICAL SECTIONS SHOWN ON THE PLANS

SCOPE OF WORK – LIME TREATED SUBGRADE

This item shall be used for soil modification that require strength gain to a specific level. This item shall consist of constructing one or more courses of a mixture of soil, lime, and water in accordance with this specification, and in conformity with the lines, grades, thicknesses, and typical cross-sections shown on the plans. To include a curing seal of tack per P-603 at a shot rate of 0.1 – 0.2 Gal/SY.

SCOPE OF WORK – P-209 CRUSHED AGGREGATE BASE COURSE

THIS ITEM CONSISTS OF A BASE COURSE COMPOSED OF CRUSHED AGGREGATE BASE CONSTRUCTED ON A PREPARED COURSE IN ACCORDANCE WITH THESE SPECIFICATIONS AND IN CONFORMITY TO THE DIMENSIONS AND TYPICAL CROSS-SECTIONS SHOWN ON THE PLANS.

SCOPE OF WORK – REMOVE 18” & 24” RCP

Remove the types of pipe as indicated on the plans. The pipe material shall be legally disposed of off-site in a timely manner following removal. Trenches shall be backfilled with material equal to or better in quality than adjacent embankment. Trenches under paved areas must be compacted to 95% of ASTM D1557.

SCOPE OF WORK – REMOVE CATCH BASIN

WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE RPR, INLETS AND/OR MANHOLES SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE IN A TIMELY FASHION AFTER REMOVAL. EXCAVATIONS AFTER REMOVAL SHALL BE BACKFILLED WITH MATERIAL EQUAL OR BETTER IN QUALITY THAN ADJACENT EMBANKMENT. WHEN UNDER PAVED AREAS MUST BE COMPACTED TO 95% OF ASTM D1557, WHEN OUTSIDE OF PAVED AREAS MUST BE COMPACTED TO 95% OF ASTM D698.

SCOPE OF WORK – CUT AND PLUG EXISTING STORM DRAIN PER MAG STD DTL 427



WHERE INDICATED ON THE PLANS OR AS DIRECTED BY THE RPR, CUT AND INSTALL PIPE PLUG PER MAG STD DTL 427.

Water source and materials testing will be provided by the general contractor. Sub-Contractor must include the 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 if different then provided (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)
C-105	Mobilization	1		LS		
SP-31.1	Miscellaneous Removals and Other Work (Allowance)	1		AL		
SP-37.1	Remove, Haul, and Stockpile Crushed Aggregate Slope Protection	86,005		SY		
SP-38.1	Haul and Place Crushed Aggregate Slope Protection	92,720		SY		
SP-40.1	Over Excavation of Unsuitable Material and Backfill with Select Material (Allowance)	1,000		CY		
SP-43.1	Apply Herbicide and Pre-Emergent	92,720		SY		
P-151-4.1	Clearing and Grubbing	1		LS		
P-152-4.1	Unclassified Excavation	7,000		CY		
P-152-4.2	Embankment in Place	16,000				
P155-8.1	Lime Treated Subgrade	22,826		SY		
P-209-5.1	Crushed Aggregate Base Course - 8" Depth	21,287		SY		
P101-5.1c	Remove Catch Basin	2		EA		
P-101-5.1d	Remove 18" RCP	52		LF		
P-101-5.1e	Remove 24" RCP	116		LF		
P-101-5.1f	Cut and Plug Existing Storm Drain Per Mag Std Dtl 427	1		EA		
D-701—5.1A	24" RGRCP, Class V	533		LF		
TOTAL PRICE:						
DBE PARTICIPATION		_____%	Percentage of Subtotal			

GENERAL NOTES AND INCLUSIONS:

- a) The Subcontractor is responsible for all Blue Staking and potholing of existing utilities.
- b) Survey request will be provided to 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 perform dust control for their work items.
- e) Contractor will not provide any hoisting.
- f) Security of materials stored on site is Subcontractor's responsibility.



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- 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
- h) Subcontractor acknowledges that project schedule will be 5 nights a week, 8-hour shifts. Per Project CPM Schedule.
- i) 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.
- j) 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.
- k) 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.
- l) Subcontractor is responsible for having supervisory personnel attend security access testing (Approx. 2 hours) and carrying insurance per the requirements of the Contract Documents.
- m) Mobilization item includes all mobilizations for duration of the project
- n) Parking onsite will be designated by the Contractor. Subcontractor is responsible for their employee's transportation on-site.
- o) Subcontractor recognizes all applicable technical specification sections SP-31, SP-37, SP-38, SP-40, P-101, P-151, P-152, P-155, & P-209 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, if applicable at all times during construction.
- q) Subcontractor is responsible for "Orange and White" checked airport flags on all equipment, including hauling and delivery trucks, if applicable 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.
- s)

SCOPE OF WORK:

- a) Excavation and load out of waste material, subgrade preparation to include under Taxiway areas and infield drainage areas, and 12" Lime Stabilization Subgrade, placement and fine grading of P-209 aggregate base course.
- b) 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.
- c) The unit costs developed above shall be inclusive of all hours worked, including overtime, night, and weekend work.
- d) 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.

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, 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).

Signature: _____

Name (Print): _____

Title: _____

Business Address: _____

Telephone/Fax Number: _____

Contractors' License Number: _____

Federal ID Number: _____

General Liability Insurance Carrier (not the agent): _____