

# CONTRACT DOCUMENTS

Prepared For  
**PERRYVILLE MUNICIPAL AIRPORT  
CITY OF PERRYVILLE, MISSOURI**

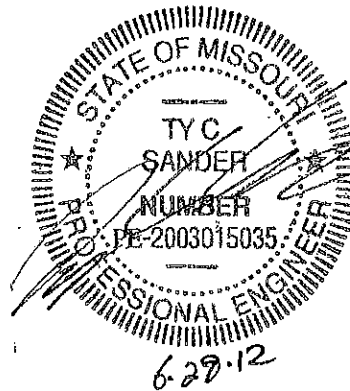
State Project No.  
11-063A-1

RECEIVED  
JUL - 2 2012  
MULTI-  
OPERATIONS  
AB

**AIRFIELD ELECTRICAL REHABILITATION,  
SHOULDER REMOVAL AND GRADING  
ADDITIVE ALTERNATE 1:  
RUNWAY SAFETY AREA GRADING**

July 5, 2012

Prepared By:

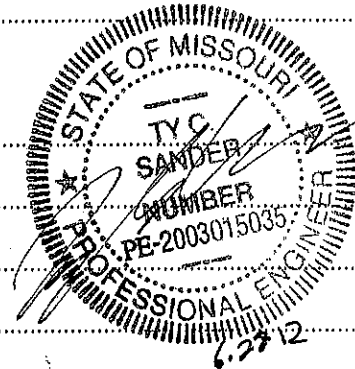


Crawford, Murphy & Tilly, Inc.  
Consulting Engineers  
St. Louis, Missouri

Job No. 11401-05-00

# TABLE OF CONTENTS

<b><u>SECTION 1</u></b>	
NOTICE TO BIDDERS .....	1
<b><u>SECTION 2</u></b>	
INSTRUCTIONS TO BIDDERS .....	5
<b><u>SECTION 3</u></b>	
GENERAL PROVISIONS .....	7
<b><u>SECTION 4</u></b>	
SUPPLEMENTARY PROVISIONS .....	59
Part A - FEDERAL AND STATE PROVISIONS .....	59
Part B - DBE ADMINISTRATION .....	81
Part C - LOCAL PROVISIONS .....	86
Part D - FEDERAL AND STATE WAGE RATES .....	97
<b><u>SECTION 5</u></b>	
TECHNICAL SPECIFICATIONS .....	98
ITEM MO-101 AIRPORT ROTATING BEACONS .....	MO-101-1
ITEM MO-103 AIRPORT BEACON TOWERS .....	MO-103-1
ITEM MO-107 AIRPORT 8-FOOT AND 12-FOOT WIND CONES .....	MO-107-1
ITEM MO-108 UNDERGROUND POWER CABLE FOR AIRPORTS .....	MO-108-1
ITEM MO-109 AIRPORT PREFABRICATED HOUSING AND EQUIPMENT .....	MO-109-1
ITEM MO-110 AIRPORT UNDERGROUND ELECTRICAL DUCT BANKS AND CONDUITS .....	MO-110-1
ITEM MO-120 AIRPORT PRECISION APPROACH PATH INDICATOR (PAPI) SYSTEM .....	MO-120-1
ITEM MO-125 AIRPORT LIGHTING SYSTEMS AND GUIDANCE SIGNS .....	MO-125-1
ITEM MO-152 EXCAVATION AND EMBANKMENT .....	MO-152-1
ITEM MO-156 EROSION AND SEDIMENT CONTROL .....	MO-156-1
ITEM MO-601 SURFACE PREPARATION .....	MO-601-1
ITEM MO-610 STRUCTURAL PORTLAND CEMENT CONCRETE .....	MO-610-1
ITEM MO-901 AIRPORT SEEDING .....	MO-901-1
ITEM MO-908 AIRPORT MULCHING .....	MO-908-1
ITEM SP-1 REMOVE ARRESTOR CABLE HOUSING .....	SP-1
ITEM SP-2 DEMOLITION OF EXISTING VAULT BUILDING .....	SP-2
<b><u>APPENDIX</u></b>	
APPENDIX A - FAA AC 150/5210-5C: PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT .....	99
APPENDIX B - FAA AC 150/5370-2F: OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION .....	100
APPENDIX C - GEOTECHNICAL REPORT .....	101
APPENDIX D – STORM WATER POLLUTION PREVENTION PLAN (SWPPP) .....	102
<b><u>PROPOSAL/FORMS</u></b>	
PROPOSAL FORM .....	103
PERFORMANCE BOND .....	114
PAYMENT BOND .....	116
CONTRACT AGREEMENT .....	118



**SECTION 1  
NOTICE TO BIDDERS**

**City of Perryville, Missouri  
Perryville Municipal Airport  
State Grant Project No. 11-063A-1**

Sealed bids subject to the conditions and provisions presented herein will be received until **10:00 a.m. Central Time, August 9, 2012** and then publicly opened and read at **City Hall of Perryville, MO; 215 North West Street, Perryville, Missouri, 63775**, for furnishing all labor, materials, equipment and performing all work necessary for the **Airfield Electrical Rehabilitation, Shoulder Removal and Grading Additive Alternate 1: Runway Safety Area Grading**.

Copies of the bid documents including project drawings and technical specifications are on file and may be inspected at:

**City Hall; 215 North West Street, Perryville, Missouri 63775  
McGraw Hill Construction Dodge/AGC; 6330 Knox Industrial Drive, 1<sup>st</sup> Floor, St. Louis, MO 63139  
Missouri AGC Construction News; 1221 Jefferson Street, Lower Level; Jefferson City, MO 65109  
The Builders' Association; 3632 W. Truman Blvd.; Jefferson City, MO 65109  
Crawford, Murphy & Tilly, Inc.; One Memorial Drive, Suite 500; St. Louis, MO 63102**

A complete set of bid documents may be obtained from the office of Crawford, Murphy & Tilly, Inc., Gateway Tower, One Memorial Drive, Suite 500, St. Louis, MO 63102 for a non-refundable fee of \$40.00 made payable to CRAWFORD, MURPHY & TILLY, INC.

A **prebid conference (NON-MANDATORY)** for this project will be held at **11:00 AM** Prevailing Central Time on **July 27, 2012** at the **Pilot's Lounge in the General Aviation Terminal; Perryville Municipal Airport**.

**Contract Work Items.** This project will involve the following work items and estimated quantities. Prospective bidders are hereby advised that the quantities indicated herein are approximate and are subject to change.

**BASE BID**

1. Airport Rotating Beacon (In Place)	1 Each
2. Airport L-807 Wind Cone, Internally Lighted, 12-Foot (In-Place)	1 Each
3. Airport L-807 Wind Cone, Internally Lighted, 8-Foot (In-Place)	1 Each
4. Airport Underground Cable (1-1/C, #8 AWG, 5KV) In Unit Duct	24,319 L.F.
5. Airport Underground Cable (2-1/C, #8 AWG, 5KV) In Unit Duct	1,253 L.F.
6. Beacon Circuit, 2-#10 USE, 1-#10 GND., In Unit Duct	185 L.F.
7. Counterpoise, Copper Guard Wire	15,555 L.F.
8. Ground Rod - Counterpoise	35 Each
9. Wind Cone Circuit, 2-#10 Type USE, 1-#10 GND., In Unit Duct	415 L.F.
10. Papi 02 Circuit, 2-#6 Type Use, 1-#6 GND., In Unit Duct	2,471 L.F.
11. Papi 20 Circuit, 2-#1 Type Use, 1-#6 GND., In 1-1/4" Unit Duct	6,896 L.F.
12. Construct Electrical Vault	1 Lump Sum
13. Install Electrical Equipment	1 Lump Sum
14. L-828, 15 KW Ferroresonant Regulator	1 Each
15. 4" HDPE Conduit - Directional Bore	502 L.F.
16. Airport Papi, 4 Box System	2 Each
17. Remove Existing Electrical Equipment	1 Lump Sum
18. Taxiway Edge Lights, Medium Intensity, Base Mounted (Blue)	26 Each
19. Install Taxiway Reflectors	141 Each

20. Airport Runway Lights, Medium Intensity, Base Mounted (White)	6 Each
21. Airport Runway Lights, Medium Intensity, Stake Mounted (White)	18 Each
22. Airport Runway Lights, Medium Intensity, Base Mounted (White/Yellow)	10 Each
23. Airport Runway Lights, Medium Intensity, Stake Mounted (White/Yellow)	28 Each
24. Airport Runway Lights, Medium Intensity, Base Mounted (Red/Yellow)	2 Each
25. Airport Runway Lights, Medium Intensity, Base Mounted (Red/Yellow)	2 Each
26. Runway Threshold Lights, Medium Intensity, Stake Mounted (Uni-Directional Green)	6 Each
27. Runway Threshold Lights, Medium Intensity, Stake Mounted (Green/Yellow)	2 Each
28. Runway Threshold Lights, Medium Intensity, Stake Mounted (Red)	8 Each
29. Runway Threshold Lights, Medium Intensity, Stake Mounted (Green/Red)	8 Each
30. Airport Runway and Taxiway Sign, Unlighted (Size 1, Style 4)	5 Each
31. Airport Runway End Identification Light (REIL) System	2 Each
32. Shoulder Adjustment	37,553 S.Y.
33. Removal of Existing Bituminous Pavement Shoulder – 25' Wide	37,553 S.Y.
34. Airport Seeding	12.0 Acres
35. Airport Mulching	12.0 Acres
36. Remove Arrestor Cable Foundations	1 Lump Sum
37. Demolition of Existing Vault Building	1 Lump Sum

**ADDITIVE ALTERNATE**

1. Class A Excavation	33,215 C.Y.
2. Silt Fence	10,636 L.F.
3. Airport Seeding	40.5 Acres
4. Airport Mulching	40.5 Acres

**Contract Time.** The owner has established a contract performance time of **one hundred and forty (140)** calendar days from the date of the Notice-to-Proceed. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed in the project manual.

**Bid Security.** No bid will be considered unless accompanied by a certified check or cashier's check on any bank or trust company insured by the Federal Deposit Insurance Corporation, payable to **CITY OF PERRYVILLE** for not less than five (5) percent of the total amount of the bid, or by a bid bond secured by an approved surety or sureties, payable to the owner, for not less than five (5) percent of the total amount of the bid.

**Bonding Requirements.** The successful bidder will be required to furnish separate performance and payment bonds each in an amount equal to 100% of the contract price at the time of contract execution.

**Award of Contract.** All proposals submitted in accordance with the instructions presented herein will be subject to evaluation. Bids may be held by the **CITY OF PERRYVILLE** for a period not to exceed **sixty (60)** from the date of the bid opening for the purpose of conducting the bid evaluation.

Award of contract will be based on the lowest aggregate sum proposal submitted from those bidders that are confirmed as being responsive and responsible. If more than one base bid is listed in the Proposal Form, the bidder may bid on Base Bid No. 1 and/or Base Bid No. 2. The owner reserves the right to select any one of the combinations of the base bid(s) and alternate bid(s), which in the judgment of the owner, best serves the owner's interest. The right is reserved, as the **CITY OF PERRYVILLE** may require, to reject any bid and all bids.

Award of contract is contingent upon the owner receiving Federal-funding assistance under the State Block Grant Program.

**Federal Provisions.** This project is subject to the following Federal provisions, statutes and regulations;

**Equal Employment Opportunity - Executive Order 11246 and 41 CFR Part 60:** The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions. The successful Bidder shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin.

**Goals for Minority and Female Participation – Executive Order 11246 and 41 CFR Part 60:**

1. The Bidder's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Opportunity Construction Contract Specifications" set forth within the supplementary provisions.
2. The goals and timetables for minority and female participation, expressed in percentage terms for the contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

**Timetables**

Goals for minority participation for each trade: 3.1 %.  
Goals for female participation in each trade: 6.9%.

These goals are applicable to all of the contractor's construction work (whether or not it is Federal or federally-assisted) performed in the covered area. If the contractor performs construction work in a geographical area located outside of the geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its Federally involved and non-federally involved construction.

**Certification of Nonsegregated Facilities – 41 CFR Part 60:** A certification of Nonsegregated Facilities must be submitted prior to the award of a federally-assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.

Contractors receiving federally assisted construction contract awards exceeding \$10,000, which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of the notice to prospective subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause. The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

**Disadvantaged Business Enterprise – 49 CFR Part 26:** The requirements of 49 CFR Part 26, Regulations of the U.S. Department of Transportation, apply to this contract. It is the policy of MoDOT and the city to practice nondiscrimination based on race, color, sex or national origin in the award or performance of this contract. All firms qualifying under this solicitation are encouraged to submit bids/proposals. Awards of this contract will be conditioned upon satisfying the requirements of this section. These requirements apply to all bidders, including those who qualify as a DBE. A DBE contract goal of 6% percent has been established for this contract. The *non-DBE* bidder shall subcontract 6% percent of the dollar value of the base bid(s), excluding any additive alternates, to disadvantaged business enterprises (DBE) or make good faith efforts to meet the DBE contract goal. *The bidder and any subcontractor, who qualifies as a DBE who subcontracts work to another non-DBE firm, must subtract the amount of the non-DBE contract from the total DBE work counted toward the goal, as defined in 49 CFR Part 26.55.*

The apparent successful competitor will be required to submit the following information: (1) the names and addresses of DBE firms that will participate in the contract; (2) a description of the work that each DBE firm will perform; (3) the dollar amount of the participation of each DBE firm participating; (4) written documentation (signed contract proposal) of the bidders commitment to use a DBE subcontractor whose participation it submits to meet the contract goal; and (5) if the contract goal is not met, evidence of good faith efforts, as described *in 49 CFR Part 26.*

**Davis-Bacon Act, as amended – 29 CFR Part 5:** The Contractor is required to comply with wage and labor provisions and to pay minimum wages in accordance with the current schedule of wage rates established by the United States Department of Labor included in the supplementary provisions.

In addition, the contractor will also be required to comply with the wage and labor requirements and pay minimum wages in accordance with the schedule of wage rates established by the Missouri Division of Labor Standards included in the Supplementary Provisions.

The highest rate between the two (Federal and State) for each job classification shall be considered the prevailing wage.

**Debarment, Suspension, Ineligibility and Voluntary Exclusion – 49 CFR Part 29:** The bidder certifies, by submission of a proposal or acceptance of a contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. Individuals or companies listed in the General Services Administration's "Excluded Parties Listing System" will not be considered for award of contract.

**Foreign Trade Restriction – 49 CFR Part 30:** The Bidder and Bidder's subcontractors, by submission of an offer and/or execution of a contract, is required to certify that it:

- a. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);
- b. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;
- c. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

**Buy American Certificate – Aviation Safety and Capacity Act of 1990:** This contract is subject to the "Buy American Preferences" of the Aviation Safety and Capacity Act of 1990. Prospective Bidders are required to certify that steel and manufactured products have been produced in the United States and to clearly identify those items produced or manufactured outside of the United States.

**Airport Job Special Provision:** "Notice to all potential bidders on federally funded airport construction projects: As mandated by Executive Order 12818, issued by President George Bush on October 23, 1992, a Job Special Provision will be inserted into and made part of every contract for federally funded airport construction projects, awarded from this or future notices of lettings."

**Additional Provisions:**

Modification to the project documents may only be made by written addendum by the Owner or Owner's authorized Representative.

The proposal must be made on the forms provided within the bound project manual. Bidders must supply all required information prior to the time of bid opening.