

March 29, 2005

Terms and Conditions of Accepting Airport Improvement Program Grants

This document contains the terms and conditions of accepting Airport Improvement Program (AIP) grants from the Federal Aviation Administration (FAA) for the purpose of carrying out the provisions of Title 49, United States Code. These terms and conditions become applicable when the sponsor accepts a Grant Offer from the FAA that references this document. The FAA may unilaterally amend the terms and conditions by notification in writing, and such amendment will only apply to grants accepted after notification.

I. DEFINITIONS

- A. Sponsor - An agency that is legally, financially, and otherwise able to assume and carry out the certifications, representations, warranties, assurances, covenants and other obligations required in this document and in the accepted Grant Agreement.
- B. Project - Work as identified in the Grant Agreement.
- C. Primary Airport - a commercial service airport the Secretary of Transportation determines to have more than 10,000 passenger boardings each year.

II. CERTIFICATIONS

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with statutory and administrative requirements in carrying out a project under the AIP. The following list of certified items includes major requirements for this aspect of project implementation. However, the list is not comprehensive, nor does it relieve sponsors from fully complying with all applicable statutory and administrative standards. In accepting a grant, the Sponsor certifies that each of the following items was or will be complied with in the performance of grant agreements. If a certification cannot be met for a specific project, the Sponsor must fully explain in an attachment to the project application.

A. Sponsor Certification for Selection of Consultants

General standards for selection of consultant services within Federal grant programs are described in Title 49, Code of Federal Regulations (CFR), Part 18.36. Sponsors may use other qualifications-based procedures provided they are equivalent to specific standards in 49 CFR 18 and Advisory Circular 150/5100-14, Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects.

1. Solicitations will be made to ensure fair and open competition from a wide area of interest.
2. For any and all contracts over \$25,000, consultants will be selected using competitive procedures based on qualifications, experience, and disadvantaged business enterprise requirements with the fee determined through negotiation.
3. An independent cost analysis will be performed, and a record of negotiations will be prepared reflecting the considerations involved in the establishment of fees for all engineering contracts with basic service fees exceeding \$100,000.

4. If engineering or other services are to be performed by sponsor force account personnel, prior approval was (will be) obtained from the FAA.
5. The consultant services contracts will clearly establish (will establish) the scope of work and delineate the division of responsibilities between all parties engaged in carrying out elements of the project.
6. Costs associated with work ineligible for AIP funding are (will be) clearly identified and separated from eligible items in solicitations, contracts and related project documents.
7. All mandatory contract provisions for grant-assisted contracts have been (will be) included in all consultant services contracts.
8. If any contract is awarded without competition, pre-award review and approval will be obtained from FAA.
9. Cost-plus-percentage-of-cost methods of contracting prohibited under Federal standards were not (will not be) used.
10. If services being procured cover more than a single grant project the scope of work will be specifically described in the advertisement, and future work will not be initiated beyond five years.

B. Sponsor Certification for Project Plans and Specifications

General AIP standards are described in Advisory Circulars 150/5100-6, 150/5100-15, and 150/5100-16. A list of current advisory circulars with specific standards for design or construction of airports and procurement or installation of airport equipment and facilities is referenced in Grant Assurance 34

1. All plans and specifications will be developed in accordance with all current applicable Federal standards and requirements, or state standard specifications developed under a federal grant, and no deviation from or modification to standards set forth in the advisory circulars will be allowed without prior approval of the FAA.
2. All equipment specifications will rely on the national standards as contained in the Advisory Circulars, without deviations, to the maximum extent possible. Specifications for the procurement of equipment for which there is no Federal specification or standard will be neither proprietary nor written to restrict competition. If there is no national standard, or if the national standard provides for a choice to be made, at least two manufacturers will assure that they can meet the specification. A deviation from the national standard will require FAA approval of the design standard modification.
3. All development to be included in any plans is depicted on an airport layout plan approved by FAA.
4. All development which is ineligible for AIP funding will either be omitted from the plans and specifications or costs associated with ineligible or AIP non-participating items will be separated and noted as non-AIP work and deducted from AIP project reimbursement requests.
5. Process control and acceptance tests required for any and all projects by standards contained in Advisory Circular 150/5370-10 will be included in the project specifications.

6. If a value engineering clause is incorporated into any contract, concurrence will be obtained from FAA.
7. All plans and specifications will incorporate applicable requirements and recommendations set forth in the Federally-approved environmental finding.
8. For all construction activities within or near aircraft operational areas, the applicable requirements contained in Advisory Circular 150/5370-2 will be discussed with FAA and incorporated into the specifications. A safety/phasing plan will be prepared, and prior FAA concurrence will be obtained.
9. All projects will be physically completed without Federal participation in costs that are due to errors or omissions in the plans and specifications that were foreseeable at the time of project design.
10. All Airport Layout Plan (ALP) revisions and proposals for facility construction clearance will include coordinates that are either surveyed or based on reference coordinates previously found acceptable to FAA. The coordinates will be verified and found consistent with the dimensions shown on the project sketch/ALP. The coordinates will be in terms of the North American Datum of 1983.
11. All site elevations on Airport Layout Plan (ALP) revisions and proposals for construction clearance will be within +/-0.1 foot vertically and the vertical datum will be in terms of the National Geodetic Vertical Datum of 1929.

C. Sponsor Certification for Equipment/Construction Contracts

Standards for advertising and awarding equipment and construction contracts within Federal grant programs are described in 49 CFR 18.36. Sponsors may use their procurement procedures reflecting State and local laws or regulations provided procurements conform to specific standards in 49 CFR 18 and Advisory Circulars 150/5100-6, 150/5100-15, and 150-5100-16.

1. A code or standard of conduct will be in effect governing the performance of the sponsor's officers, employees, or agents in soliciting and awarding procurement contracts.
2. Qualified personnel will be engaged to perform contract administration, engineering supervision, and construction inspection and testing on all projects.
3. All procurement will be publicly advertised using the competitive sealed bid method of procurement. If procurement is less than \$100,000, the sponsor may use the three (3)-quote method for the project.
4. All requests for bids will clearly and accurately describe all administrative and other requirements of the equipment and/or services to be provided.
5. Concurrence will be obtained from FAA prior to contract award under any of the circumstances:
 - a. Only one qualified person/firm submits a responsive bid
 - b. The contract is to be awarded to other than the lowest responsive and responsible bidder,
 - c. Life cycle costing is a factor in selecting the lowest responsive bidder,

- d. Proposed contract prices are more than 10% over the sponsor's cost estimate.
6. All contracts exceeding \$100,000 require a bid guarantee of 5%, a performance bond of 100%, and a payment bond of 100%.
7. All contracts exceeding \$100,000 will contain provisions or conditions specifying administrative, contractual, and legal remedies, including contract termination, for those instances in which contractors violate or breach contract terms. They also will contain provisions requiring compliance with applicable standards and requirements issued under Section 306 of the Clean Air Act (42 USC 1857(h)), Section 508 of the Clean Water Act (33 USC 1368), Executive Order 11738, and environmental protection regulations (40 CFR Part 15).
8. All construction contracts involving labor will contain provisions insuring that in the employment of labor preference will be given to honorably discharged Vietnam era veterans and disabled veterans.
9. All construction contracts exceeding \$2,000 will contain provisions requiring compliance with the Davis-Bacon Act and bid solicitations will contain a copy of the current Federal wage rate determination. Provisions requiring compliance with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 USC 327-330) and the Copeland "Anti-Kick Back" Act will be included.
10. All construction contracts exceeding \$10,000 will contain appropriate clauses from 41 CFR Part 60 for compliance with Equal Employment Opportunity Executive Order 11246.
11. All contracts and subcontracts will contain clauses required from Title VI Civil Rights Assurances and 49 CFR 23 for Disadvantaged Business Enterprises.
12. Appropriate checks will be made to assure that contracts or subcontracts are not awarded to those individuals or firms suspended, debarred, or voluntarily excluded from doing business with any DOT element and appearing on the DOT Unified List.

D. Sponsor Certification for Real Property Acquisition

Requirements on real property acquisition and relocation assistance are in 49 CFR 24 and the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (Uniform Act).

1. Good and sufficient title will be held on property in any and all projects. The sponsor's attorney or other official will prepare and have on file title evidence on the property.
2. If defects and/or encumbrances exist in the title that adversely impact the sponsor's intended use of property in the project, they will be extinguished, modified, or subordinated.
3. If property for airport development will be leased, the term is for 20 years or the useful life of the project. The lessor is a public agency and the lease contains no provisions that prevent full compliance with the grant agreement.
4. Property will be in conformance with the current Exhibit A (property map). The property map is based on deeds, title opinions, land surveys, the approved airport layout plan, and project documentation.
5. For any and all acquisition of property interest in noise sensitive approach zones and related areas, property interest will be obtained to ensure land is used for purposes compatible with noise levels associated with operation of the airport.

6. For all acquisition of property interest in runway protection zones and areas related to FAR Part 77 surfaces, property interest will be obtained for the right of flight, right of ingress and egress to remove obstructions, right to make noise associated with aircraft operations, and to restrict the establishment of future obstructions.
7. All appraisals will include valuation data to estimate the current market value for the property interest acquired on each parcel and will be prepared by qualified real estate appraisers hired by the sponsor. An opportunity will be provided the property owner or their representative to accompany appraisers during inspections.
8. All appraisals will be reviewed by a qualified review appraiser to recommend an amount for the offer of just compensation. All written appraisals and review appraisal will be available to FAA for review.
9. A written offer to acquire property will be presented to the property owner for not less than the approved amount of just compensation.
10. Every effort will be made to acquire property through negotiation with no coercive action to induce agreement. If negotiation is successful, project files will contain supporting documents for settlements.
11. If a negotiated settlement is not reached, condemnation will be initiated and a court deposit not less than the just compensation will be made prior to possession of the property. Project files will contain supporting documents for awards.
12. If displacement of persons, businesses, farm operations, or nonprofit organizations is involved, a relocation assistance program will be established. Displaced persons will receive general information in writing on the relocation program, notice of relocation eligibility, and a 90-day notice to vacate.
13. Relocation assistance services, comparable replacement housing, and payment of necessary relocation expenses will be provided within a reasonable time period for displaced occupant in accordance with the Uniform Act.

E. Sponsor Certification for Construction Project Final Acceptance

General requirements for final acceptance and close-out of Federally funded construction projects are in 49 CFR 18.50. The sponsor shall determine that project costs are accurate and proper in accordance with specific requirements of the Grant Agreement and contract documents.

1. All personnel engaged in project administration, engineering supervision, and construction inspection and testing will be determined to be qualified and competent to perform the work.
2. All daily construction records will be kept by the resident engineer/construction inspector. These records document work in progress, quality and quantity of materials delivered, test locations and results, instructions provided the contractor, weather, equipment use, labor requirements, safety problems, and changes required.
3. All weekly payroll records and statements of compliance will be submitted by the prime contractor and reviewed by the sponsor for Federal labor and civil rights requirements (Advisory Circular 150/5100-6 and 150/5100-15).
4. All complaints regarding the mandated Federal provisions set forth in the contract documents will be submitted to the Department of Labor.

5. All tests specified in the plans and specifications will be performed and the test results documented. A summary of test results will be available to FAA.
6. For all test results outside allowable tolerances, appropriate corrective actions will be taken.
7. All payments to the contractor will be made in compliance with contract provisions and verified by the sponsor's internal audit of contract records kept by the resident engineer. If appropriate, all pay reduction factors required by the specifications will be applied in computing final payments and a summary of pay reductions will be available to FAA.
8. All projects will be accomplished without significant deviations, changes, or modifications from the developed plans and specifications, except where approval will be obtained from FAA.
9. All final project inspections will be conducted with representatives of the sponsor and the contractor. Project files will contain documentation of the final inspection.
10. All work in the Grant Agreement will be physically completed and corrective actions required as a result of the final inspection will be completed to the satisfaction of the construction contract and the sponsor.
11. As-built plans and an equipment inventory, if applicable, will be maintained as sponsor records. If requested, a revised airport layout plan will be made available to FAA prior to start of development.
12. All applicable closeout financial reports will be submitted to FAA within three (3) years of the date of grant.

F. Sponsor Certification for Seismic Design and Construction

49 CFR Part 41 sets forth the requirements in the design and construction of the building(s) to be financed with the assistance of the Federal Aviation Administration. Compliance will be met by adhering to at least one of the following accepted standards:

1. Model codes found to provide a level of seismic safety substantially equivalent to that provided by use of the 1988 National Earthquake Hazards Reduction Program (NEHRP) including:
 - a. The 1991 International Conference of Building Officials (IBCO) Uniform Building Code, published by the International Conference of Building Officials, 5360 South Workman Mill Road, Whittier, California 90601.
 - b. The 1992 Supplement to the Building Officials and Code Administration International (BOCA) National Building Code, published by the Building Officials and Code Administrators, 4051 West Flossmoor Road, Country Club Hills, Illinois 60478-5795.
 - c. The 1992 Amendments to the Southern Building Code Congress (SBCC) Standard Building Code, published by the Southern Building Code Congress International, 900 Montclair Road, Birmingham, Alabama 35213-1206.
2. Revisions to the model codes listed above that are substantially equivalent or exceed the then current or immediately preceding edition of the NEHRP recommended provisions, as it is updated, may be approved by the DOT Operating Administration to meet the requirements of 49 CFR Part 41.

3. State, county, local, or other jurisdictional building ordinances adopting and enforcing the model codes, listed above, in their entirety, without significant revisions or changes in the direction of less seismic safety, meet the requirement of 49 CFR Part 41.

III. GENERAL CONDITIONS

- A. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration under the Title 49 U.S.C.
- B. Payment of the United States' share of the allowable project costs will be made pursuant to and in accordance with the provisions of such regulations and procedures as the Secretary shall prescribe. Final determination of the United States' share will be based upon the final audit of the total amount of allowable project costs, and settlement will be made for any upward or downward adjustments to the Federal share of costs.
- C. The Sponsor shall carry out and complete the Project without undue delays and in accordance with the terms hereof, and such regulations and procedures as the Secretary shall prescribe.
- D. The FAA reserves the right to amend or withdraw a grant offer at any time prior to its acceptance by the Sponsor.
- E. A grant offer will expire, and the United States shall not be obligated to pay any part of the costs of the project unless the grant offer has been accepted by the Sponsor on or before 30 days after the grant offer but no later than September 30 of the federal fiscal year the grant offer was made, or such subsequent date as may be prescribed in writing by the FAA.
- F. The Sponsor shall take all steps, including litigation if necessary, to recover Federal funds spent fraudulently, wastefully, or in violation of Federal antitrust statutes, or misused in any manner in any project upon which Federal funds have been expended. For the purposes of this grant agreement, the term "Federal funds" means funds however used or disbursed by the Sponsor that were originally paid pursuant to this or any other Federal grant agreement. It shall obtain the approval of the Secretary as to any determination of the amount of the Federal share of such funds. It shall return the recovered Federal share, including funds recovered by settlement, order or judgment, to the Secretary. It shall furnish to the Secretary, upon request, all documents and records pertaining to the determination of the amount of the Federal share or to any settlement, litigation, negotiation, or other efforts taken to recover such funds. All settlements or other final positions of the Sponsor, in court or otherwise, involving the recovery of such Federal share shall be approved in advance by the Secretary.
- G. The United States shall not be responsible or liable for damage to property or injury to persons that may arise from, or be incident to, compliance with a grant agreement.
- H. If, during the life of the project, the FAA determines that a grant amount exceeds the expected needs of the Sponsor by \$5,000 or five percent (5%), whichever is greater, a grant amount can be unilaterally reduced by letter from FAA advising of the budget change. Conversely, with the exception of planning projects, if there is an overrun in the eligible project costs, FAA may increase a grant to cover the amount of the overrun not to exceed the statutory fifteen (15%) percent limitation for primary airports or either by not more than fifteen percent (15%) of the original grant amount or by an amount not to exceed twenty-five percent (25%) of the total increase in allowable project costs attributable to the acquisition of land or interests in land, whichever is greater, based on current credible appraisals or a court award in a condemnation proceeding for non-primary airports. FAA will advise the Sponsor by letter of the increase. Planning projects will not be increased above the planning portion of the maximum obligation of the United States shown in the grant agreement. Upon issuance of either of the aforementioned letters, the maximum obligation of the United States is adjusted to the amount specified. In

addition, the Sponsor's officially designated representative, is authorized to request FAA concurrence in revising the project description and grant amount within statutory limitations. A letter from the FAA concurring in the said requested revision to the project work description and grant amount shall constitute an amendment to a Grant Agreement.

- I. If requested by the Sponsor and authorized by the FAA, the letter of credit method of payment may be used. It is understood and agreed that the sponsor agrees to request cash withdrawals on the letter of credit only when actually needed for its disbursements and to timely reporting of such disbursements as required. It is understood that failure to adhere to this provision may cause the letter of credit to be revoked.
- J. Unless otherwise approved by the FAA, it will not acquire or permit any contractor or subcontractor to acquire any steel or manufactured products produced outside the United States to be used for any project for airport development or noise compatibility for which funds are provided under this grant. The sponsor will include in every contract a provision implementing this condition.
- K. If a grant agreement includes pavement work that equals or exceeds \$250,000, the sponsor will perform the following:
 1. Furnish a construction management program to FAA prior to the start of construction which shall detail the measures and procedures to be used to comply with the quality control provisions of the construction contract, including, but not limited to, all quality control provisions and tests required by the Federal specifications. The program shall include as a minimum:
 - a. The name of the person representing the sponsor who has overall responsibility for contract administration for the project and the authority to take necessary actions to comply with the contract.
 - b. Names of testing laboratories and consulting engineer firms with quality control responsibilities on the project, together with a description of the services to be provided.
 - c. Procedures for determining that testing laboratories meet the requirements of the American Society of Testing Materials standards on laboratory evaluation, referenced in the contract specifications (D3666, C1077).
 - d. Qualifications of engineering supervision and construction inspection personnel.
 - e. A listing of all tests required by the contract specifications, including the type and frequency of tests to be taken, the method of sampling, the applicable test standard, and the acceptance criteria or tolerances permitted for each type of test.
 - f. Procedures for ensuring that the tests are taken in accordance with the program, that they are documented daily, that the proper corrective actions, where necessary, are undertaken.
 2. Submit at completion of the project, a final test and quality control report documenting the results of all tests performed, highlighting those tests that failed or did not meet the applicable test standard. The report shall include the pay reductions applied and reasons for accepting any out-of-tolerance material. An interim test and quality control report shall be submitted, if requested by the FAA.

3. Failure to provide a complete report as described in paragraph 2, or failure to perform such tests, shall, absent any compelling justification, result in a reduction in Federal participation for costs incurred in connection with construction of the applicable pavement. Such reduction shall be at the discretion of the FAA and will be based on the type or types of required tests not performed or not documented and will be commensurate with the proportion of applicable pavement with respect to the total pavement constructed under the grant agreement.
 4. The FAA, at its discretion, reserves the right to conduct independent tests and to reduce grant payments accordingly if such independent tests determine that sponsor tests results are inaccurate.
- L. For a project to replace or reconstruct pavement at the airport, the sponsor shall implement an effective airport pavement maintenance management program as is required by Airport Sponsor Assurance Number 11. The sponsor shall use such program for the useful life of any pavement constructed, reconstructed, or repaired with Federal financial assistance at the airport. As a minimum, the program must conform with the provisions in the attached outline entitled "Pavement Maintenance Management Program."

IV. ASSURANCES

The Federal Aviation Administration document titled *ASSURANCES Airport Sponsors*, dated March 29, 2005 is incorporated as part of these Terms and Conditions.