

CONTRACT FOR PROFESSIONAL ENGINEERING SERVICE

This Contract is made and entered into this date of _____ by and between the Airport Owner, hereinafter referred to as SPONSOR,

**CITY OF ANN ARBOR
301 EAST HURON STREET
ANN ARBOR, MICHIGAN 49107-8647**

and the Engineer, hereinafter referred to as the CONSULTANT,

**URS CORPORATION GREAT LAKES
3950 SPARKS DRIVE SE
GRAND RAPIDS, MICHIGAN 49546**

for the following PROJECT:

Location: **ANN ARBOR MUNICIPAL AIRPORT**

Description: **DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR GATE AND PERIMETER FENCE RECONSTRUCTION**

(See Attachment D - Sketch for Location of Work Areas.)

WHEREAS, the SPONSOR desires to engage the CONSULTANT to perform professional engineering services for the described project;

WHEREAS, the SPONSOR has caused a review to be made of the qualifications of the CONSULTANT and is satisfied the CONSULTANT is competent and qualified;

WHEREAS, the CONSULTANT is willing and able to accomplish the services provided and set forth hereinafter in this Contract;

WHEREAS, the SPONSOR will compensate the CONSULTANT, in accordance with the terms and conditions set forth in this Contract.

NOW, THEREFORE, the parties agree to the following:

ARTICLE 1 – DESCRIPTION OF WORK TO BE DONE

The services to be furnished by the CONSULTANT to the SPONSOR, as set forth in Attachment E, Scope of Work/Services, together with obligations of the SPONSOR or the SPONSOR's Agent (Michigan Department of Transportation (MDOT), Aeronautics and Freight Services Bureau, Airports Division), hereinafter referred to as AERO, will contain certain information and data which will consist of the following described elements. Additional explanations are included in Attachment E.

DESIGN PHASE (1)

Element 1.11 - Pre-Design Conference

A pre-design conference called by the SPONSOR will be held between the SPONSOR, the CONSULTANT, and any other participating or regulatory governmental agency. This pre-design conference will be held for the express purpose of having the CONSULTANT ascertain from responsible representatives of each group, the SPONSOR and all participating governmental agencies, their individual project requirements affecting the scope of work, budget, design standards, presentation of final plans, and documents. The requirements set forth in this pre-design conference will be confirmed in writing by the CONSULTANT to the SPONSOR, with copies to each participating unit of government.

Element 1.12 - Engineering Survey

The CONSULTANT will determine the areas to be covered and make the necessary engineering field surveys to determine existing and topographical conditions, earth work, drainage, pavement conditions, structural elevations, and field testing as may be required to complete plans and specifications.

Element 1.13 - Detailed Construction Plans and Specifications

Plans and specifications will be certified by the CONSULTANT for compliance with current Federal Aviation Administration (FAA) and AERO requirements in effect at the time the plans and specifications are prepared. The CONSULTANT will prepare and furnish to the SPONSOR and AERO, in paper format, one copy of the final detailed construction plans and specifications for the work described above, presented on drawings (22" x 34") and other necessary documentation (8-1/2" x 11"). This will include but is not limited to; grading, drainage, paving, lighting, turf establishment, structures, construction safety phasing, etc. The documents will set forth, in detail, requirements for prospective bidders to submit proposals and the successful bidder to construct the project. Plans and specifications will comply with the requirements established in the pre-design conference, if applicable, together with the common practice of design and ethical practices of professional engineers. The CONSULTANT will also furnish one set of review plans if requested.

All projects bid through the MDOT letting will also include two electronic files in portable document format (pdf) along with a signed and sealed paper title sheet. The electronic files will be set up to print clearly in scalable 11" x 17" and 22" x 34" plan sheets.

Element 1.14 - Estimate of Probable Construction Cost

The CONSULTANT will prepare and submit to both the SPONSOR and AERO one copy of a detailed estimate of construction costs based upon the detailed plans and specifications prepared under Element 1.13. This statement of probable construction cost prepared by the CONSULTANT represents the CONSULTANT's best judgment as a design professional at the time the estimate is finalized. This estimate will include the estimated amount for

CONSULTANT services during construction. It is recognized, however, that neither the CONSULTANT nor the SPONSOR has any control over the cost of labor, materials, or equipment; over the contractor's method of determining bid prices; or over competitive bidding or market conditions. Accordingly, the CONSULTANT cannot and does not guarantee that bids will not vary from any statement of Probable Construction Cost or other cost estimates prepared by the CONSULTANT.

Element 1.15 - Engineering Report

The CONSULTANT will prepare and furnish to both the SPONSOR and AERO one copy of an engineering report which relates to the SPONSOR and participating governmental agencies the fundamental considerations and concepts used in design of the project. This report will include the basic design factors for drainage, pavement design, and scheduling of the various phases of the project during construction as may be required to maintain both ground and air traffic. Deviation in design and construction standards will be included in the engineering report.

Element 1.16 - Users Conference (if required)

The CONSULTANT will prepare for the SPONSOR an estimated time schedule to be followed during the construction period. This estimated time schedule of construction will be presented by the SPONSOR and the CONSULTANT in a meeting with airport users. The CONSULTANT will furnish one copy of the estimated time schedule to the SPONSOR for printing and disbursement to the users by the SPONSOR. However, it is recognized that neither the CONSULTANT nor the SPONSOR has absolute control over the estimated time schedule presented to any person, group, or organization.

Element 1.17 - Obligations of SPONSOR or AERO to CONSULTANT

When requested by the CONSULTANT, one copy of all existing data applicable to this project and in the possession of the SPONSOR or AERO or any other agency of government will be furnished at no cost to the CONSULTANT. Existing data will include but not be restricted to the following:

- 1) As-constructed plans.
- 2) Pavement design data/pavement condition index.
- 3) Soil borings, analysis, and classification.
- 4) Drainage design data.
- 5) Topographic notes and maps.
- 6) Approach data and zoning maps.
- 7) Property maps, including fee ownership and easements, and land descriptions.
- 8) All local, state, federal ordinances, regulations, or laws affecting the project.
- 9) Aerial photography, prints, topographic maps, etc.

The SPONSOR or AERO will furnish for projects bid by MDOT, at no cost to the CONSULTANT, standard contract documents for bidders, including but not restricted to the following:

- 1) Notice to contractors (including advertising charges).
- 2) Instructions to bidders.
- 3) All federal, state, or local wage rates as applicable to this project.
- 4) General provisions of the contract.
- 5) Supplemental provisions of the contract.

- 6) Special provisions of the contract (except as may be supplemented by the CONSULTANT).
- 7) Standard construction specifications (except as may be supplemented by the CONSULTANT).
- 8) Standard supplemental specifications (except as may be supplemented by the CONSULTANT).
- 9) Standard testing requirements (except as provided by the CONSULTANT).
- 10) Proposal.
- 11) Construction contract.
- 12) Form of performance and lien bond.
- 13) Reproducible copies of all standard plans to be incorporated in the contract plans and documents.

The SPONSOR or AERO, at no cost to the CONSULTANT, will furnish the location for the receipt of bids, the tabulation and recording of bids, the disbursement of information before and after the bid process, and the award of construction contracts.

All such services, data, information, and documents furnished by the SPONSOR or AERO will be furnished at the SPONSOR's expense.

Element 1.18 - Conferences and Meetings

The following conferences and meetings will be attended by the CONSULTANT and the SPONSOR at the location indicated for the purpose of coordination, information, and understanding.

- 1) Pre-Design Conference as provided under Element 1.11 to be called by the SPONSOR and to be held at the project site.
- 2) Progress meetings to be determined by the SPONSOR will be held at the office of the SPONSOR and attended by the CONSULTANT to apprise the SPONSOR of progress, to resolve any problems, to answer questions, and for general coordination.
- 3) Upon completion by the CONSULTANT of final plans, specifications, cost estimates, and engineering report, the CONSULTANT will submit copies to the participating governmental agencies for approvals as required. After reasonable time for review by the SPONSOR and participating governmental agencies, a meeting called by the SPONSOR may be held to review final plans with the SPONSOR and participating governmental agencies at the project site.
- 4) Upon determination of the estimated construction time schedule, a users conference as provided under Element 1.16 is to be called by the SPONSOR, to be held at a location designated by the SPONSOR.
- 5) Upon advertising the project for bids, the CONSULTANT and the SPONSOR or AERO will hold a pre-bid meeting or briefing with the prospective bidders at the project site to explain the project to the bidders and answer questions from prospective bidders. Any addendum information necessary will be submitted in a timely manner to the bidding agency by the CONSULTANT. In addition, any bids over the engineers' construction estimate by ten (10) percent or more will be sufficiently justified before proceeding with award or recommended rejected by the CONSULTANT.

CONSTRUCTION PHASE (2)

Element 1.20 - Sufficient Personnel

The CONSULTANT will provide sufficient personnel and services necessary to comply with

AERO Project Engineers Manual, the latest revision at the time this Contract is awarded.

Element 1.21 - Pre-Construction Conference

A pre-construction conference called by the SPONSOR or AERO will be held between the SPONSOR, the FAA (if applicable), AERO, any other participating or regulatory governmental agencies, the Contractor(s) and the CONSULTANT. This pre-construction conference will be held for the Contractor and CONSULTANT to receive instructions from the SPONSOR and participating/regulatory governmental units, to develop construction schedules, and to coordinate construction.

Element 1.22 - General Information and Coordination

The CONSULTANT will provide information and coordination to the SPONSOR and Contractor as to the understanding of the plans and specifications. The CONSULTANT will not guarantee the performance of the Contractor but will report to the SPONSOR any work and materials which, in the opinion of the CONSULTANT, do not meet the requirements of the plans and specifications. The CONSULTANT will not be responsible for any acts of the Contractor whatsoever but will only pay the contractor for work performed that meets the requirements of the plans and specifications.

Element 1.23 - Engineering Survey and Layout as May be Applicable

The CONSULTANT will take original ground elevations in areas of excavation for the purpose of determining pay quantities for excavation. The CONSULTANT will stake out the work for line and grade. The stake out will consist of one set of earth grade stakes spaced not more than one hundred feet apart, with cut or fill from top of stake to the earth grade marked on the stake; slope stakes around the perimeter of grade; one set of offset stakes for drainage spaced not more than twenty-five (25) feet apart with offset distance to center of pipe and flowline of pipe marked on the stake; one set of blue top stakes driven to grade spaced not more than fifty (50) feet apart for finish base course or pavement grade; and one offset line along the edge of pavement denoting location of each light fixture. All bench marks and alignment P.O.T.'s will be available to the Contractor for his reference and checking of the CONSULTANT's stakes. The CONSULTANT will not be responsible for setting stakes other than described above, for any stakes disturbed, and any stakes set by others including bench marks and P.O.T.'s.

Element 1.24 - Materials Testing and Shop Drawings

The CONSULTANT will review and approve material testing reports submitted by the Contractor to determine if test reports meet the requirements of the specifications and will submit two copies of material testing reports to the SPONSOR or AERO. The CONSULTANT will review and approve shop drawings to determine compliance with plans and specifications and will submit two copies of all shop drawings to the SPONSOR or AERO.

Element 1.25 - Field Tests and Grade Inspection as May be Applicable

The CONSULTANT will make periodic field tests and grade inspection at the project site to determine, in the opinion of the CONSULTANT, if materials and workmanship conform to the plans and specifications. Field tests will include compaction tests for soils in place; gradation tests for aggregates; extraction tests for bituminous mixtures and compaction tests for in-place bituminous pavements; and slump, entrained air, and yield tests for concrete pavement.

Element 1.26 - Cost Estimate and Change Orders/Contract Modifications

The CONSULTANT will prepare periodic cost estimates, change orders/contract modifications,

and stop and start orders as may be applicable during the construction period and present three copies of the same to the SPONSOR or AERO for approval and processing. All projects bid through MDOT lettings will have all estimates and contract modifications processed using the FieldManager computer program.

Element 1.27 - Weekly Reports

The CONSULTANT will prepare FAA Form 5370-1, Construction Progress and Inspection Report or FieldManager inspector daily reports, and submit copies to the SPONSOR or AERO weekly during the construction period.

Element 1.28 - Final Inspection

The CONSULTANT will be present at final inspection, together with the SPONSOR, AERO, participating governmental units, and the Contractor.

Element 1.29 - Final Quantities - As-Constructed Plans

The CONSULTANT will compute final pay quantities, prepare as-constructed plans, and update all plan sheets of the current Airport Layout Plan (ALP) that shows work constructed under the project. The As-Constructed Plans will be submitted to the SPONSOR and AERO for approval in an electronic pdf file. The updated ALP will be submitted in paper (22"x 34") and in an electronic pdf file to the SPONSOR and AERO.

Element 1.30 - Equipment

The CONSULTANT will furnish all necessary surveying and field testing equipment to accomplish the above named work.

SUBCONSULTANT SERVICES (3)

Element 1.31 - Subconsultant Service

Any services to be provided by subconsultants will be provided for in a subconsultant agreement, which will meet the written approval of the SPONSOR. Costs of subconsultant services will be included in Element 3.1 – Fee. The CONSULTANT will not apply a fixed fee on any of the costs for subconsultant services.

ARTICLE 2 – TIME OF BEGINNING AND COMPLETION

DESIGN PHASE (1)

Element 2.11 - Time of Beginning

Upon acceptance of this Contract by both the SPONSOR and the CONSULTANT, the CONSULTANT will have seven (7) days from the date of notification to proceed in which to organize and actually commence work.

Element 2.12 - Time for Completion

The estimated time for the CONSULTANT to complete the work named in Element 1.11 through Element 1.18 of this Contract, and to submit final plans to the SPONSOR for the SPONSOR's approval is Ninety (90) calendar days from the date the CONSULTANT actually starts work. The CONSULTANT will report his progress to the SPONSOR at the monthly progress meetings, as required under Element 1.18, to keep the SPONSOR informed of progress and any adjustments to the estimated time schedule which may be necessary because of information supplied to the CONSULTANT by the SPONSOR or AERO, as provided under

Element 1.17, or any other reasons beyond the control of either the SPONSOR or the CONSULTANT. Changes in time for completion will be in accordance with Element 4.4.

CONSTRUCTION PHASE (2)

Element 2.21 - Time of Beginning

Provided the Notice to Proceed is issued sufficiently in advance of the start of construction, the CONSULTANT will begin work seven (7) days prior to the effective date of the Notice to Proceed to the Contractor. If not, the CONSULTANT will coordinate the beginning of work with the work of the construction contractor.

Element 2.22 - Time for Completion

The CONSULTANT will finish all work under this Contract within thirty (30) days after final acceptance of the construction work by the SPONSOR.

ARTICLE 3 – PAYMENT

Element 3.1 - Fee

The SPONSOR agrees to pay the CONSULTANT as full compensation for services rendered as set forth in this Contract as follows:

Phase (1) Design

Elements 1.11, 1.12, 1.13, 1.14, 1.15, 1.16, 1.18 and 1.31 a firm fixed fee of fifteen thousand one hundred thirty-eight and 60/100 dollars (\$15,138.60). A breakdown of the cost is included as Attachment C.

The SPONSOR will compensate the CONSULTANT for requested printed materials in excess of those identified, in accordance with the following:

Black Print Plan sheets (22" x 34")	<u>\$0.60</u> /sheet
Black Print on White Paper (11" x 17")	<u>\$0.10</u> /sheet
Black Print on White Paper (8.5" x 11")	<u>\$0.05</u> /sheet

Phase (2) Construction

Elements 1.20, 1.21, 1.22, 1.23, 1.24, 1.25, 1.26, 1.27, 1.28, 1.29, 1.30, and 1.31 a firm fixed fee of sixteen thousand eight hundred sixty-one and 40/100 dollars (\$16,861.40).

The fee described above will be considered payment in full by the SPONSOR to the CONSULTANT for all services rendered except as hereinafter provided under Article 4 - Element 4.3 - Changes in Work and Element 4.4 - Delays and Extensions. Phase (2) Construction may not be needed if it is determined by the SPONSOR to terminate this Contract at the completion of Phase (1) Design.

Element 3.2 - Progress Payments

Phase (1) Design/Phase (2) Construction

Progress payments for completed work will be based on the following schedule of payments:

All charges for service will be due and payable upon receipt of invoice by SPONSOR. In the event Phase (1) Design is completed but bids are not received, final payment will be due and

payable sixty (60) days after completion of Phase (1) Design.

The CONSULTANT will submit periodic invoices for services rendered. Each invoice will be based upon the proportion of the total service actually completed at the time of billing. The final invoice will be a minimum of 10% of the total contract amount. Payment on this invoice will be retained by AERO until all Contract requirements have been completed. The SPONSOR will make prompt payments in response to the CONSULTANT's periodic statements.

The CONSULTANT agrees to pay each subconsultant for the satisfactory completion of work associated with the subcontract no later than ten (10) calendar days from the receipt of each payment the CONSULTANT receives from the State of Michigan or SPONSOR. The CONSULTANT agrees further to return retainage payments to each subconsultant within ten (10) calendar days after the subconsultant's work is satisfactorily completed. Any delay or postponement of payment from these time frames may occur only upon receipt of written approval from the SPONSOR or AERO. These requirements are also applicable to all sub-tier subconsultants and will be made a part of all subconsultant agreements.

This prompt payment provision is a requirement of 49 CFR, Part 26, as amended, and does not confer third-party beneficiary right or other direct right to a subconsultant against the SPONSOR or the State of Michigan. This provision applies to both Disadvantaged Business Enterprise (DBE) and non-DBE subconsultants.

The CONSULTANT further agrees that it will comply with 49 CFR, Part 26, as amended, and will report any and all DBE subconsultant payments to AERO semi-annually in the format set forth in Attachment G, dated June 1, 2001, attached hereto and made a part hereof, or any other format acceptable to the SPONSOR or AERO.

At the end of the State of Michigan fiscal year, the CONSULTANT will submit estimated payment amounts for both the CONSULTANT and contractors working on projects the CONSULTANT is supervising. These amounts will be submitted to the State of Michigan to establish a payable account.

ARTICLE 4 – MISCELLANEOUS PROVISIONS

Element 4.1 - Miscellaneous Provisions

The CONSULTANT will follow, insofar as applicable and reasonable and as approved by the SPONSOR, current design standards set forth by the SPONSOR, AERO and other participating governmental agencies in effect at the time the work herein provided is started. In the event design standards change after the CONSULTANT has completed that portion of the work to which a particular standard may apply, and in the event the CONSULTANT is required by the SPONSOR to make revisions to completed work to meet revised standards and certification requirements, the CONSULTANT will be entitled to additional compensation as provided under Element 4.3 - Changes in Work.

Design standards, standard plans, specifications, special conditions, contract documents, and requirements developed by the SPONSOR, AERO, or other participating governmental agency and required to be incorporated in the final plans and documents will not be the responsibility of the CONSULTANT. All liability to third parties, for loss or damage as a result of claims, demands, costs, or judgments arising out of activities, to be carried out by the SPONSOR in the performance of this contract will be the responsibility of the SPONSOR, and not the

responsibility of the CONSULTANT, if the liability, loss, or damage is caused by or arises out of, the action or failure to act on the part of the SPONSOR, or any elected or appointed officer, employee or agent of the SPONSOR, provided that nothing herein will be construed as a waiver of any governmental immunity that has been provided to the SPONSOR, or any elected or appointed officer, employee or agent of the SPONSOR by statute or court decision.

Element 4.2 - Ownership of Documents

Completed original documents, such as final contract plans, maps and specifications prepared or obtained by the CONSULTANT as provided under the terms of this Contract will be submitted in final form. The final form of the originals will be delivered to and become the property of the SPONSOR. Original basic survey notes, sketches, charts, drawings, partially completed drawings, computations, quantities and other data will remain in the possession of the CONSULTANT as instruments of service but will be made available, upon request, to the SPONSOR without restriction or limitation on their use.

In the event any of the above documents are revised by the SPONSOR, the nameplates of the CONSULTANT will be removed and the SPONSOR will assume full responsibility for the reuse of these documents.

The original signed and sealed title sheet for projects bid through MDOT will be retained in AERO files. The CONSULTANT will be provided a scanned .tif electronic file for use in completing the as-constructed plan sheets.

Element 4.3 - Changes in Work

By mutual acceptance of both the SPONSOR and the CONSULTANT, changes in work from that work described in this Contract, including changes in original design standards and changes in previously completed final plans may be accomplished by amendment to this Contract. Each amendment will describe the revision or addition of work in detail. The associated cost of the revised or additional work will be defined in a fixed dollar amount, and an adjustment to the payment schedule (if applicable) contained in this Contract will be provided. Any change to the contract time will also be defined in each amendment. Each amendment must be signed and dated by both the SPONSOR and the CONSULTANT.

Element 4.4 - Delays and Extensions

Changes in the estimated time schedule as may be required by the SPONSOR or the CONSULTANT will be in writing, setting forth the reason for delay or extension, and the estimated time adjustment necessary or as provided in Element 4.3 - Changes in Work.

Element 4.5 - Insurance and Liability

The CONSULTANT will maintain worker's compensation and public liability insurance as required by law and will, upon request, show proof of compliance with this requirement.

Element 4.6 - General Compliance with Laws

Unless otherwise specified, this Contract will be governed by the laws of the principal address of the SPONSOR. The CONSULTANT agrees to comply with all federal, state and local laws applicable to the work.

Element 4.7 - Subletting, Assignment and Transfer

The SPONSOR and the CONSULTANT each binds themselves, their partners, successors,

assignees and legal representatives to the other party to this Contract and to the partners, successors, assignees, and legal representatives of such other party with respect to all covenants of this Contract. Neither the SPONSOR nor the CONSULTANT will assign, sublet, or transfer their interest in this Contract without the written consent of the other.

Element 4.8 - CONSULTANT's Endorsement

The CONSULTANT will seal and sign all final plans and specifications furnished to the SPONSOR.

Element 4.9 - Disputes

All disputes concerning a question of fact in connection with work not disposed of by agreement between the SPONSOR and the CONSULTANT will be settled through standard court actions.

Element 4.10 - Responsibility for Claims and Liability

The CONSULTANT will save harmless the SPONSOR, AERO, FAA, or other governmental agencies from all claims and liability due to negligence of the CONSULTANT or its subcontractors, except as provided in Element 4.1.

Element 4.11 - Assignment of Antitrust Rights

With regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the SPONSOR or AERO under this Contract, the CONSULTANT hereby irrevocably assigns its right to pursue any claims for relief or causes of action for damages sustained by the State of Michigan or the MDOT due to any violation of 15 USC, Sections 1 - 15, and/or 1984 PA 274, MCL 445.771 - .788, excluding Section 4a, to the State of Michigan or MDOT.

The CONSULTANT will require any subcontractors to irrevocably assign their rights to pursue any claims for relief or causes of action for damages sustained by the State of Michigan or the MDOT with regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the MDOT under this Contract due to any violation of 15 USC, Sections 1 - 15 and/or 1984 PA 274, MCL 445.771 - .788, excluding Section 4a, to the State of Michigan or MDOT as a third-party beneficiary.

The CONSULTANT will notify the SPONSOR if it becomes aware that an antitrust violation with regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the SPONSOR or AERO under this Contract may have occurred or is threatened to occur. The CONSULTANT will also notify the SPONSOR or AERO if it becomes aware of any persons intent to commence, or of commencement of, an antitrust action with regard to claims based on goods or services that were used to meet the CONSULTANT's obligation to the SPONSOR or AERO under this Contract.

Element 4.12 - Prohibition of Discrimination in State Contracts

The CONSULTANT hereby agrees to comply with the requirements of Appendix A, attached hereto and made a part hereof.

Element 4.13 - Additional Provisions

Additional provisions of this Contract are included as Attachment B.

Element 4.14 - Non-Construction Requirements

The CONSULTANT hereby agrees to comply with the requirements of the Non-construction requirements of Attachment F, attached hereto and made a part hereof.

IN WITNESS WHEREOF the parties hereto have fixed their hand this day and date first written above.

ACCEPTED BY THE SPONSOR

CITY OF ANN ARBOR

Approved as to Substance:

John Hieftje, Mayor

Steven Powers, City Administrator

Jacqueline Beaudry, City Clerk

Craig Hupy, P.E., Public Services
Area Administrator

Approved as to Form and Content:

Stephen K. Postema, City Attorney

.....
ACCEPTED BY THE CONSULTANT

Witness:

URS Corporation, Great Lakes
CONSULTANT

3950 Sparks Drive SE
Street Address

Grand Rapids, Michigan 49546
City, State & Zip Code

BY: _____
Authorized Representative

INCLUDE THIS PAGE IN ALL CONTRACTS!!

Consultants are advised to use the following attachment schedule. Any additional clauses or requirements should be included in Attachment B. The preceding is the base contract; no changes may be made to the wordage or numbering without the written approval of the Airports Division, Bureau of Aeronautics and Freight Services.

SCHEDULE OF ATTACHMENTS

Appendix A	Prohibition of Discrimination in State Contracts
Attachment B	Additional Provisions
Attachment C	Cost Breakdown
Attachment D	Sketches
Attachment E	Scope of Work/Services
Attachment F	Non-construction contract requirements
Attachment G	Prime CONSULTANT Statement of DBE Subconsultant Payments

APPENDIX A
PROHIBITION OF DISCRIMINATION IN STATE CONTRACTS

In connection with the performance of work under this contract; the Contractor agrees as follows:

1. In accordance with Act No. 453, Public Acts of 1976, the Contractor hereby agrees not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, or marital status. Further, in accordance with Act No. 220, Public Acts of 1976 as amended by Act No. 478, Public Acts of 1980, the Contractor hereby agrees not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions, or privileges of employment, or a matter directly or indirectly related to employment, because of a handicap that is unrelated to the individual's ability to perform the duties of a particular job or position. A breach of the above covenants will be regarded as a material breach of this contract.
2. The Contractor hereby agrees that any and all subcontracts to this contract, whereby a portion of the work set forth in this contract is to be performed, will contain a covenant the same as hereinbefore set forth in Section 1 of this Appendix.
3. The Contractor will take affirmative action to insure that applicants for employment and employees are treated without regard to their race, color, religion, national origin, age, sex, height, weight, marital status or a disability that is unrelated to the individual's ability to perform the duties of a particular job or position. Such action will include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.
4. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, age, sex, height, weight, marital status or disability that is unrelated to the individual's ability to perform the duties of a particular job or position.
5. The Contractor or his collective bargaining representative will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representative of the Contractor's commitments under this appendix.
6. The Contractor will comply with all relevant published rules, regulations, directives, and orders of the Michigan Civil Rights Commission which may be in effect prior to the taking of bids for any individual state project.
7. The Contractor will furnish and file compliance reports within such time and upon such forms as provided by the Michigan Civil Rights Commission, said forms may also elicit information as to the practices, policies, program, and employment statistics of each subcontractor as well as the Contractor himself, and said Contractor will permit access to

his books, records, and accounts by the Michigan Civil Rights Commission, and/or its agent, for purposes of investigation to ascertain compliance with this contract and relevant with rules, regulations, and orders of the Michigan Civil Rights Commission.

8. In the event that the Civil Rights Commission finds, after a hearing held pursuant to its rules, that a contractor has not complied with the contractual obligations under this Contract, the Civil Rights Commission may, as part of its order based upon such findings, certify said findings to the Administrative Board of the State of Michigan, which Administrative Board may order the cancellation of the contract found to have been violated, and/or declare the Contractor ineligible for future contracts with the state and its political and civil subdivisions, departments, and officers, and including the governing boards of institutions of higher education, until the contractor complies with said order of the Civil Rights Commission. Notice of said declaration of future ineligibility may be given to any or all of the persons with whom the Contractor is declared ineligible to contract as a contracting party in future contracts. In any case before the Civil Rights Commission in which cancellation of an existing contract is a possibility, the contracting agency will be notified of such possible remedy and will be given the option by the Civil Rights Commission to participate in such proceedings.
9. The Contractor will include, or incorporate by reference, the provisions of the foregoing paragraphs (1) through (8) in every subcontract or purchase order unless exempted by the rules, regulations or orders of the Michigan Civil Rights Commission, and will provide in every subcontract or purchase order that said provisions will be binding upon each subcontractor or seller.

March 1998

ATTACHMENT "B"
ADDITIONAL PROVISIONS

The following additional provisions as referenced in Element 4.12 of this Agreement are incorporated and made a part of the Agreement for Services between the Sponsor and the Consultant:

1. COMPLIANCE REQUIREMENTS

A. NONDISCRIMINATION

In addition to the provisions of Element 4.11 of this Agreement, the Consultant agrees to comply with the nondiscrimination provisions of Chapter 112 of the Ann Arbor City Code and to take affirmative action to assure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity and tends to eliminate any inequality based upon race, national origin or sex. The Consultant agrees to comply with the provisions of Section 9:161 of Chapter 112 of the Ann Arbor City Code, and in particular the following excerpts:

9:161 NONDISCRIMINATION BY CITY CONTRACTORS

- (1) All contractors proposing to do business with the City of Ann Arbor shall satisfy the nondiscrimination administrative policy adopted by the City Administrator in accordance with the guidelines of this section. All contractors shall receive approval from the Director prior to entering into a contract with the City, unless specifically exempted by administrative policy. All City contractors shall take affirmative action to insure that applicants are employed and that employees are treated during employment in a manner which provides equal employment opportunity and tends to eliminate inequality based upon race, national origin or sex.
- (2) Each prospective contractor shall submit to the City data showing current total employment by occupational category, sex and minority group. If, after verifying this data, the Director concludes that it indicates total minority and female employment commensurate with their availability within the contractor's labor recruitment area, i.e., the area from which the contractor can reasonably be expected to recruit, said contractor shall be accepted by the Director as having fulfilled affirmative action requirements for a period of one year at which time the Director shall conduct another review. Other contractors shall develop an affirmative action program in conjunction with the Director. Said program shall include specific goals and timetables for the hiring and promotion of minorities and females. Said goals shall reflect the availability of minorities and females within the contractor's labor recruitment area. In the case of construction contractors, the Director shall use for employment verification the labor recruitment area of the Ann Arbor-Ypsilanti standard metropolitan statistical area. Construction contractors determined to be in compliance shall be accepted by the Director as having fulfilled affirmative action requirements for a period of six (6) months at which time the Director shall conduct another review.
- (3) In hiring for construction projects, contractors shall make good faith efforts to employ local persons, so as to enhance the local economy.
- (4) All contracts shall include provisions through which the contractor agrees, in addition to any other applicable Federal or State labor laws:
 - (a) To set goals, in conference with the Human Resources Director, for each job category or division of the work force used in the completion of the City work;

- (b) To provide periodic reports concerning the progress the contractor has made in meeting the affirmative action goals it has agreed to;
 - (c) To permit the Director access to all books, records and accounts pertaining to its employment practices for the purpose of determining compliance with the affirmative action requirements.
- (5) The Director shall monitor the compliance of each contractor with the nondiscrimination provisions of each contract. The Director shall develop procedures and regulations consistent with the administrative policy adopted by the City Administrator for notice and enforcement of non-compliance. Such procedures and regulations shall include a provision for the posting of contractors not in compliance.
- (6) All City contracts shall provide further that breach of the obligation not to discriminate shall be a material breach of the contract for which the City shall be entitled, at its option, to do any or all of the following:
- (a) To cancel, terminate, or suspend the contract in whole or part and/or refuse to make any required periodic payments under the contract;
 - (b) Declare the contractor ineligible for the award of any future contracts with the City for a specified length of time;
 - (c) To recover liquidated damages of a specified sum, said sum to be that percentage of the labor expenditure for the time period involved which would have accrued to minority group members had the affirmative action not been breached;
 - (d) Impose for each day of non-compliance, liquidated damages of a specified sum, based upon the following schedule:

<u>Contract Amount</u>	<u>Assessed Damages Per Day of Non-Compliance</u>
\$10,000 - 24,999	\$ 25.00
\$25,000 - 99,999	\$ 50.00
\$100,000 - 199,999	\$ 100.00
\$200,000 - 499,999	\$ 150.00
\$500,000 - 1,499,999	\$ 200.00
\$1,500,000 - 2,999,999	\$ 250.00
\$3,000,000 - 4,999,999	\$ 300.00
\$5,000,000 - and above	\$ 500.00

- (e) In addition the contractor shall be liable for any costs or expenses incurred by the City of Ann Arbor in obtaining from other sources the work and services to be rendered or performed or the goods or properties to be furnished or delivered to the City under this contract.

B. LIVING WAGE

The Consultant agrees to comply with living wage provisions of Chapter 23 of the Ann Arbor City Code and, if a "covered employer" as defined therein to pay those employees providing Services to the City under this agreement a "living wage," as defined in Chapter 23 of the Ann Arbor City Code; and, if requested by the City, provide documentation to verify compliance. The Consultant agrees to comply with the provisions of Section 1:815 of Chapter 23 of the Ann Arbor City Code, and in particular the following excerpts:

1:813 DEFINITIONS

For purposes of this Chapter, the following definitions shall apply:

- (1) "Contractor/vendor" is a person or entity that has a contract with the City primarily for the furnishing of services where the total amount of the contract or contracts with the City exceeds \$10,000 for any 12-month period. "Contractor/vendor" does not include a person or entity that has a contract with the City primarily for the purchase of goods or property, or for the lease of goods or property to or from the City.
- (2) "Covered Employee" means a person employed by a covered employer to perform services which are covered or funded by the contract with or grant from the City; provided, however, that persons who are employed pursuant to federal, state or local laws relating to prevailing wages shall be exempt from this Chapter.
- (3) "Covered Employer" means a contractor/vendor or grantee that has not been granted an exemption from this Chapter pursuant to Section 1:817.
- (4) "Employee" means an individual who provides personal services performed for wages under any contract calling for the performance of personal services, whether written or oral, express or implied. The term "employee" does not include any individual who volunteers to perform services for an employer if
 - (a) The individual receives no compensation or is paid expenses, reasonable benefits, or a nominal fee to perform the services for which the individual volunteered; and
 - (b) Such services are not the same type of services which the individual is employed to perform for such employer.
- (5) "Employee Health Benefits" or "Health Benefits" means providing health care benefits for employees (or employees and their dependents) at employer cost or making an employer contribution toward the purchase of such health care benefits for employees (or employees and their dependents), provided that the employer cost or contribution equals no less than \$1 an hour for the average work week of such employee, and provided further that any employee payment or contribution toward health care shall not exceed 50 cents an hour for the average work week for such employee.
- (6) "Grant" means any form of financial assistance to a "Grantee" as set forth and defined in Section 1:813(7). "Grant" does not include financial assistance used for the purchase or lease of property or other non-personnel costs.
- (7) "Grantee" is a person or entity that is a recipient of any financial assistance from the City in the form of any federal, state or local grant program administered by the City, revenue bond financing, tax increment financing, tax abatement, tax credit, direct grant, or any other form of financial assistance that exceeds \$10,000 for any 12-month period, including any contractors, subcontractors, or leaseholders of the grantee whose contract, subcontract or lease with the grantee exceeds \$10,000 for any 12-month period.
- (8) "Living Wage" means a wage equal to the levels established in Section 1:815.
- (9) "Person" means any individual, co partnership, corporation, association, club, joint adventure, estate, trust, and any other group or combination acting as a unit, and the individuals constituting such group or unit.
- (10) "\$10,000 for any 12 month period" is computed by taking the total amount of the contract, grant or loan and dividing it by the number of months the contract, grant or loan covers.

1:814 APPLICABILITY

- (1) This Chapter shall apply to any person that is a contractor/vendor or grantee as defined in Section 1:813 that employs or contracts with five (5) or more individuals; provided, however, that this Chapter shall not apply to a non-profit contractor/vendor or non-profit grantee unless it employs or contracts with ten (10) or more individuals.
- (2) This Chapter shall apply to any grant, contract, or subcontract or other form of financial assistance awarded to or entered into with a contractor/vendor or grantee after the effective date of this Chapter and to the extension or renewal after the effective date of this Chapter of any grant, contract, or subcontract or other form of financial assistance with a contractor/vendor or grantee.

1:815 LIVING WAGES REQUIRED

- (1) Every contractor/vendor or grantee, as defined in Section 1:813, shall pay its covered employees a living wage as established in this Section.
 - (a) For a covered employer that provides employee health care to its employees, the living wage shall be \$8.70 an hour or the adjusted amount hereafter established under Section 1:815(3).
 - (b) For a covered employer that does not provide health care to its employees, the living wage shall be \$10.20 an hour or the adjusted amount hereafter established under Section 1:815(3).
- (2) In order to qualify to pay the living wage rate for covered employers providing employee health care under subsection 1:815(1)(a), a covered employer shall furnish proof of said health care coverage and payment therefore to the City Administrator or his/her designee.
- (3) The amount of the living wage established in this Section shall be adjusted upward no later than April 30, 2002, and every year thereafter by a percentage equal to the percentage increase, if any, in the federal poverty guidelines as published by the United States Department of Health and Human Services for the years 2001 and 2002. Subsequent annual adjustments shall be based upon the percentage increase, if any, in the United States Department of Health and Human Services poverty guidelines when comparing the prior calendar year's poverty guidelines to the present calendar year's guidelines. The applicable percentage amount will be converted to an amount in cents by multiplying the existing wage under Section 1:815(1)(b) by said percentage, rounding upward to the next cent, and adding this amount of cents to the existing living wage levels established under Sections 1:815(1)(a) and 1:815(1)(b). Prior to April 1 of each calendar year, the City will notify any covered employer of this adjustment by posting a written notice in a prominent place in City Hall, and, in the case of a covered employer that has provided an address of record to the City, by a written letter to each such covered employer.

2. FINANCIAL WARRANTY OF CONSULTANT

The Consultant warrants that it is not, and shall not become overdue or in default to the City for any contract, debt, or any other obligation to the City including real and personal property taxes.

Consultant certifies that it has no personal or financial interest in the project other than the compensation it is to receive under this Agreement. Consultant certifies that it is not, and shall not become, overdue or in default to the City for any contract, debt, or any other obligation to the City including real or personal property taxes. City shall have the right to set off any such debt against compensation awarded for services under this Agreement.

3. NOTICE

All notices and submissions required under this Agreement shall be by personal delivery or by first-class mail, postage prepaid, to the address stated in this Agreement or such other address as either party may designate by prior written notice to the other. Notice shall be considered delivered under this Agreement when personally delivered to the Sponsor or placed in the U.S. mail, postage prepaid to the Sponsor, care of the Public Services Department.

4. INSURANCE/INDEMNIFICATION

A. The Consultant shall procure and maintain during the life of this Contract, such insurance policies, including those set forth below, as will protect itself from all claims for bodily injuries, death or property damage which may arise under this Contract; whether the acts were made by the Consultant or by any subcontractor or anyone employed by them directly or indirectly. The following insurance policies are required:

1. Professional liability insurance protecting the Consultant and its employees in an amount not less than \$1,000,000.
2. Worker's Compensation Insurance in accordance with all applicable state and federal statutes. Further, Employers Liability Coverage shall be obtained in the following minimum amounts:

Bodily Injury by Accident - \$500,000 each accident
Bodily Injury by Disease - \$500,000 each employee
Bodily Injury by Disease - \$500,000 each policy limit

3. Commercial General Liability Insurance equivalent to, as a minimum, Insurance Services Office form CG 00 01 07 98. The City of Ann Arbor shall be an additional insured. There shall be no added exclusions or limiting endorsements including, but not limited to: Products and Completed Operations, Explosion, Collapse and Underground coverage or Pollution. Further, the following minimum limits of liability are required.

\$1,000,000	Each occurrence as respect Bodily Injury or Property Damage Liability, or both combined.
\$2,000,000	Per Job General Aggregate
\$1,000,000	Personal and Advertising Injury
4. Motor Vehicle Liability Insurance, including Michigan No-Fault Coverages, equivalent to, as a minimum, Insurance Services Office form CA 00 01 07 97. The City of Ann Arbor shall be an additional insured. There shall be no added exclusions or limiting endorsements. Coverage shall include all owned vehicles, all non-owned vehicles and all hired vehicles. Further, the limits of liability shall be \$1,000,000 for each occurrence as respects Bodily Injury Liability or Property Damage Liability, or both combined.
5. Umbrella/Excess Liability Insurance shall be provided to apply excess of the Commercial General Liability, Employers Liability and the Motor Vehicle coverage enumerated above, for each occurrence and for aggregate in the amount of \$1,000,000.

B. Insurance required under V.A.3 and V.A.4 of this Contract shall be considered primary as respects any other valid or collectible insurance that the City may possess, including any self-insured retentions the City may have; and any other insurance the City does possess shall be considered excess insurance only and shall not be required to contribute with this insurance. Further, the Contractor agrees to waive any right of recovery by its insurer against the City.

C. In the case of all Contracts involving on-site work, the Consultant shall provide to the City before the commencement of any work under this Contract documentation demonstrating it has obtained the above mentioned policies. Documentation must provide and demonstrate an unconditional 30-day written notice of cancellation in favor of the City of Ann Arbor. Further, the documentation must explicitly state the following: (a) the policy number; name of insurance company; name and address of the agent or authorized representative; name and address of

insured; project name; policy expiration date; and specific coverage amounts; (b) any deductibles or self-insured retentions which shall be approved by the City, in its sole discretion; (c) that the policy conforms to the requirement specified. An original certificate of insurance may be provided as an initial indication of the required insurance, provided that no later than 21 calendar days after commencement of any work the Consultant supplies a copy of the endorsements required on the policies. Upon request, the Consultant shall provide within 30 days a copy of the policy(ies) to the City. If any of the above coverages expire by their terms during the term of this Contract, the Consultant shall deliver proof of renewal and/or new policies to the Administering Department at least ten days prior to the expiration date.

- D. Any insurance provider of Consultant shall be admitted and authorized to do business in the State of Michigan and shall carry and maintain a minimum rating assigned by A.M. Best & Company's Key Rating Guide of "A-" Overall and a minimum Financial Size Category of "V." Insurance policies and certificates issued by non-admitted insurance companies are not acceptable unless approved in writing by the City.
- E. To the fullest extent permitted by law, for any loss not covered by insurance under this contract, the Consultant shall indemnify, defend and hold the City, its officers, employees and agents harmless from all suits, claims, judgments and expenses including attorney's fees resulting or alleged to result, to its proportionate extent, from any negligent, grossly negligent, reckless and/or intentional wrongful or tortuous acts or omissions by the Consultant or its employees and agents occurring in the performance of this agreement.

5. STANDARD OF WORK/DISPUTES

Element 4.9 of this Agreement is modified to require the following:

Quality of Services under this Agreement shall be of the level of professional quality performed by professionals regularly rendering this type of service. Determination of acceptable quality shall be made solely by the Sponsor or Sponsor's Agent.

The Sponsor or Sponsor's Agent shall make decisions in writing on all claims of the Consultant and on all other matters relating to the execution and progress of the work or the interpretation of the Agreement.

6. RELATIONSHIP OF THE PARTIES

The parties of this Agreement agree that it is not a contract of employment but is a contract to accomplish a specific result. Consultant is an independent contractor performing services for the Sponsor. Nothing contained in this Agreement shall be deemed to constitute any other relationship between the Sponsor and the Consultant.

ATTACHMENT C

Cost Breakdown

ATTACHMENT "C"
COST BREAKDOWN - MAN HOUR ASSIGNMENTS AND COSTS

Ann Arbor Municipal Airport
 Ann Arbor, Michigan

Project No. B-26-77
 Contract No. FM 77

Design Engineering Services and Construction Administration for Gate and Fence Rehabilitation Project

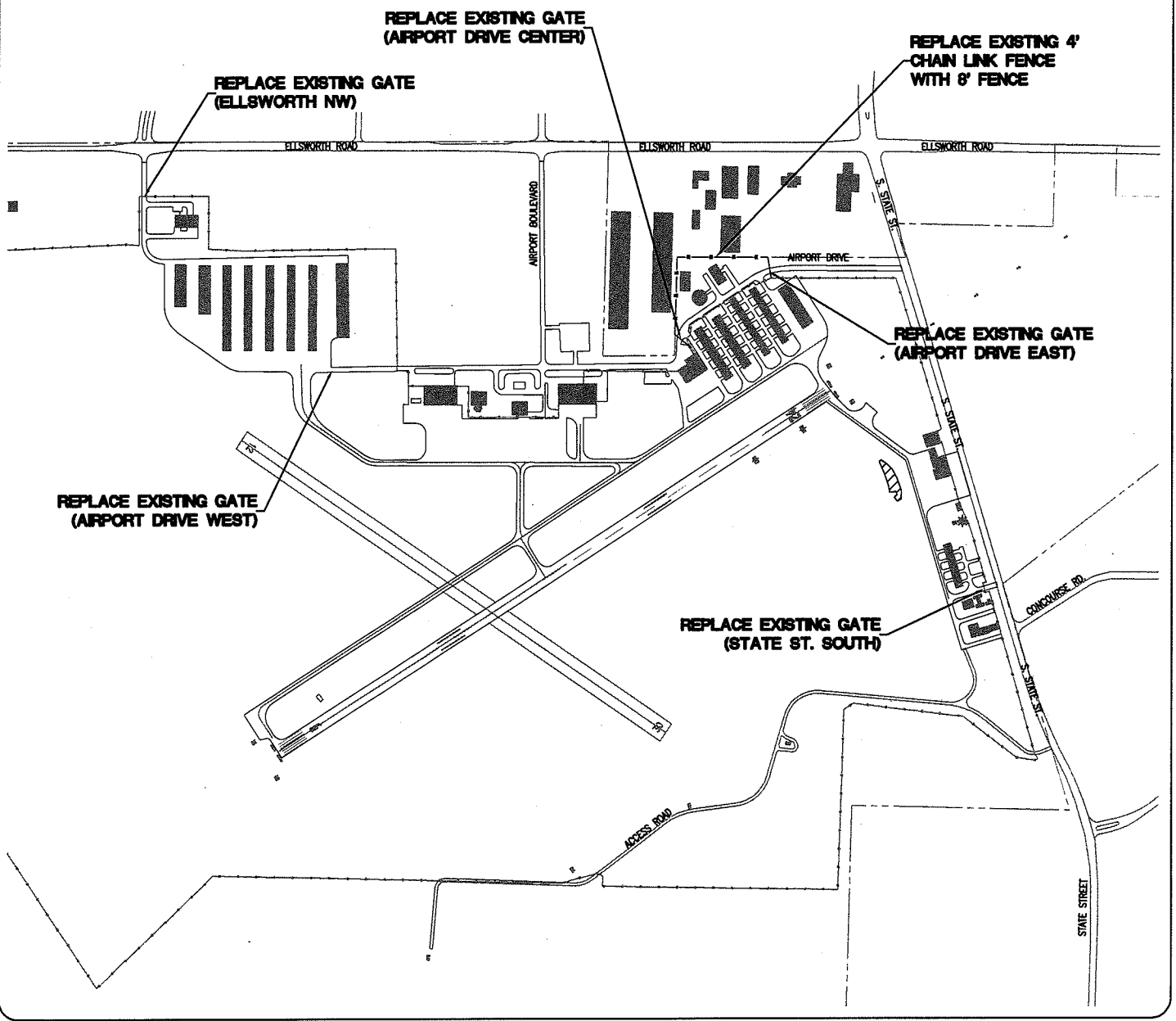
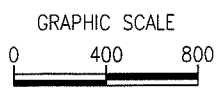
TASK	PROJECT MANAGER	DESIGN ENGINEER	DRAFTER	SURVEYOR	SURVEYOR AIDE	ELECTRICAL ENGINEER	ARCHITECT / ENV/ENG	QUALITY CONTROL	CLERICAL	TOTAL	EXPENSES	AMOUNT PERSONNEL	TOTAL AMOUNT BY TASK
TASK I PRE-DESIGN CONFERENCE	8	8							2	18	\$ 216.50	\$ 1,664.10	\$ 1,880.60
TASK II PRELIMINARY DESIGN	4	12	20						2	38	\$ 1,001.50	\$ 2,744.05	\$ 3,745.55
TASK III DESIGN	8	24	32				8		2	74	\$ 100.00	\$ 5,199.90	\$ 6,299.90
TASK IV BID DOCUMENTS	4	8	12						2	26	\$ 80.00	\$ 1,929.18	\$ 2,009.18
TASK V PRE-BID MEETING	8								2	10	\$ 226.50	\$ 976.86	\$ 1,203.36
TASK VI PRE-CONSTRUCTION MEETING	8	8							2	18	\$ 246.50	\$ 1,664.10	\$ 1,910.60
TASK VII FIELD OBSERVATION		48							8	56	\$ 846.00	\$ 4,496.52	\$ 5,342.52
TASK VIII OFFICE COORDINATION	20	20							4	44	\$ 60.00	\$ 4,113.63	\$ 4,173.63
TASK IX FINAL INSPECTION	8	16							2	26	\$ 413.00	\$ 2,658.45	\$ 3,071.45
TASK X AS BUILT PLANS & FINAL REPORT	4	8	8						8	28	\$ 389.83	\$ 1,973.36	\$ 2,363.19
TOTALS -	72	152	72	8	34	8	338	19.00	338	338	\$ 3,579.83	\$ 28,420.17	\$ 32,000.00
HOURLY RATES	\$ 45.00	\$ 35.00	\$ 24.00	\$ 32.00	\$ 22.00	\$ 40.00	\$ 40.00	\$ 65.00	\$ 19.00				
AMOUNT PERSONNEL	\$ 3,240.00	\$ 5,320.00	\$ 1,728.00	\$ -	\$ -	\$ -	\$ 520.00	\$ 646.00	\$ 11,454.00				
OVERHEAD (PERSONNEL X 121.120%)	\$ 3,924.29	\$ 6,443.58	\$ 2,092.95	\$ -	\$ -	\$ -	\$ 629.82	\$ 792.44	\$ 13,873.08				
PROFIT 11%	\$ 788.07	\$ 1,293.99	\$ 420.30	\$ -	\$ -	\$ -	\$ 126.48	\$ 157.13	\$ 2,785.99				
TOTAL LABOR COST	\$ 7,952.36	\$ 13,057.58	\$ 4,241.26	\$ -	\$ -	\$ -	\$ 1,276.30	\$ 1,585.56	\$ 28,113.06				
TOTAL CONTRACT = \$ 32,000.00													

OUT OF POCKET EXPENSES BREAKDOWN BY TASK	TASK I	TASK II	TASK III	TASK IV	TASK V	TASK VI	TASK VII	TASK VIII	TASK IX	TASK X	Total Expenses
	PRE-DESIGN CONFERENCE	PRELIMINARY DESIGN	DESIGN	BID DOCUMENTS	PRE-BID MEETING	PRE-CONSTRUCTION MEETING	FIELD OBSERVATION	OFFICE COORDINATION	FINAL INSPECTION	AS BUILT PLANS & FINAL REPORT	
COMMERCIAL CARRIER											\$ -
VEHICLE MILES	300	300			300	300	1,200				\$ -
MILES X \$0.555	\$ 166.50	\$ 166.50	\$ -	\$ -	\$ 166.50	\$ 166.50	\$ 666.00	\$ -	\$ 600	\$ -	\$ 1,665.00
NUMBER OF PEOPLE DAYS	1.0	1.0			1.0	2.0	4.0		2.0		\$ -
PEOPLE DAYS X \$30 / DAY FOR MEALS	\$ 30.00	\$ 30.00	\$ -	\$ -	\$ 30.00	\$ 60.00	\$ 120.00	\$ -	\$ 60.00	\$ -	\$ 220.00
PEOPLE DAYS X \$70 / DAY FOR LODGING	\$ 70.00	\$ 70.00	\$ -	\$ -	\$ 70.00	\$ 140.00	\$ 280.00	\$ -	\$ 140.00	\$ -	\$ 560.00
MATERIALS & SUPPLIES	\$ 10.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 50.00	\$ 175.00
POSTAGE & SHIPPING	\$ 10.00	\$ 25.00	\$ 50.00	\$ 40.00	\$ 20.00	\$ 20.00	\$ 30.00	\$ 30.00	\$ 20.00	\$ 339.83	\$ 584.83
PRINTING											\$ -
Survey Subconsultant		\$ 740.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 740.00
TASK TOTAL	\$ 216.50	\$ 1,001.50	\$ 100.00	\$ 80.00	\$ 226.50	\$ 246.50	\$ 846.00	\$ 60.00	\$ 413.00	\$ 389.83	\$ 3,579.83

ATTACHMENT D

**Sketch Showing Location of Work to be
Performed as Part of this Contract**

M:\Projects\12940\25\ADU\ADS\Attachment D GATES AND FENCE.dwg Oct 10, 2012 3:50pm Plotted by Jon_Van_Duinen



ANN ARBOR MUNICIPAL AIRPORT
ANN ARBOR, MICHIGAN
ATTACHMENT D

URS
URS CORPORATION
GRAND RAPIDS, MI.
616-574-8500

DATE 10-10-12	JOB NO. 12940723
DR. JW	SKETCH NO.
CK. BN	1 of 1

ATTACHMENT "E"
SCOPE OF WORK/SERVICES

ANN ARBOR MUNICIPAL AIRPORT
Ann Arbor, Michigan
Project No. B-26 XX
Contract No. FM XX

DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES
FOR GATE AND PERIMETER FENCE RECONSTRUCTION

TASK I - PRE-DESIGN CONFERENCE

This work consists of attending a pre-design conference onsite. The meeting will review project requirements, schedules, review existing information, and inspect existing conditions onsite with Sponsor.

TASK II - PRELIMINARY DESIGN

This task includes preparing a preliminary design. Consultant will perform a topographic survey. Consultant will not perform any geotechnical investigations due to previous onsite investigations. Consultant will review the field data and establish design concepts for gate and fence reconstruction for owner review. One concept development/verification trip is anticipated. After a development plan is finalized the Consultant will prepare preliminary budget numbers and submit to the Sponsor and MDOT Airports Division for future project budgeting.

TASK III – DESIGN

This task consists of completing the final working drawings and technical specifications to the final draft milestone.

TASK IV – FINAL PLANS, REPORT, & BID DOCUMENTS

This task consists of implementing any changes from the MDOT Aero and Owner reviews, conducting the quality control process and completing the final construction plans, specifications, and estimates for bidding. Project will be locally let.

TASK V – PRE-BID MEETING

A pre-bid meeting will be held at the project site to review with prospective bidders the project scope and requirements. Details of the plans will be discussed and contractor questions answered.

TASK VI – PRE-CONSTRUCTION MEETING

A Pre-Construction Meeting called by the Sponsor shall be held between the Sponsor, MDOT Office of Aeronautics Project Manager, Consultant, any other participating or regulatory governmental agencies, the Contractor, Sub-Contractors, and major suppliers. This Pre-Construction Meeting shall be held for the Contractor(s) and the Consultant to receive and outstanding instructions from the Sponsor and participating regulatory governmental units, to develop construction schedules and provide coordination during construction. Consultant's Construction Management Program will be submitted prior to this meeting.

TASK VII – FIELD OBSERVATION

This task consists of providing on-site construction observation for Quality Assurance. The project is planned to be completed in 28 calendar days. The consultant will provide one fully

trained resident engineer for one site visit each of the four weeks of the project. The Consultant will conduct weekly project progress meetings during the project with the Consultant's Resident Engineer, Airport Manager, Contractor Superintendent, FAA, MDOT Office of Aeronautics Engineer and any other interested project stakeholders invited. All other meetings will be conducted by teleconference. Should the contractor exceed the maximum allowed contract time specified in the project plans or with the issuance of any contract modifications, the Consultant shall notify the Sponsor of any anticipated additional field observation costs before they occur and issue a contract amendment. MDOT Field Manager software will not be used for reporting the Contractor's daily activity since this project will be locally let. Weekly reports will be done to document the Contractor's activity.

TASK VIII – OFFICE COORDINATION

This task consists of the Consultant's work prior to construction including: reviewing shop drawings and material certifications, as well as, project work throughout the construction project processing periodic pay estimates, change orders, project correspondence, weekly reports, stop and start orders, responding to RFIs (Request for Information), and general coordination of the project with the Sponsor, MDOT Office of Aeronautics, and Contractor.

TASK IX – FINAL INSPECTION

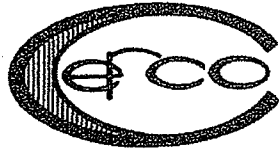
This task consists of holding a final inspection meeting on-site with the Consultant's Resident Engineer & Project Manager, representatives from the Sponsor, MDOT Office of Aeronautics Project Manager, any other participating or regulatory governmental agencies, the Contractor, Sub Contractors, and any other stakeholders. This final inspection of the completed project will be held to assure compliance with the project final punch list. A follow up trip to verify that all punch list work has been completed will be done once the contractor notifies the Consultant that all work is complete.

TASK X – AS BUILT PLANS & FINAL REPORT

The Consultant will provide final measurements and the development of record drawings. This will include the development of a final report with a complete construction manual. The construction manual will include copies of all project documentation, including shop drawings, material certifications, weekly reports, payroll records, start/stop orders issued, change orders, and payment requests. The construction manual provides a complete record of the project and will be delivered to the Sponsor and MDOT Office of Aeronautics on CD's. The As-constructed plans will be delivered to MDOT Office of Aeronautics in both electronic format and one full size paper copy.

The Consultant will provide final measurements and update the Airport Layout Plan (ALP) to show the final geometry of the project. A minimal amount of drafting time is anticipated to make the changes, along with some submittal/coordination time and the time required to print the required full size color copies. The As-constructed ALP will be delivered to MDOT Office of Aeronautics in both electronic format (CD-ROM with pdf files & AutoCAD) via 6 CDs and 3 full size paper copies.

October 25, 2012



Charles E. Raines Company

civil engineers / surveyors

Mr. Bob Nelesen PE, MBA
URS Corporation
3950 Sparks Drive, S.E.
Grand Rapids, MI 49546

Re: Proposal for Surveying Services for: Ann Arbor Municipal Airport
Ann Arbor, Washtenaw Co., Michigan

Dear Mr. Nelesen:

The C.E. Raines Company is pleased to provide a proposal for Topographic Surveys for the above referenced parcel located in Town 3 South, Range 6 East, Sections 16 & 17, Pittsfield Township, Washtenaw County, Michigan. Our understanding of the scope of work is as follows:

TOPOGRAPHIC SURVEY

The Topographic Survey with drawing of six existing access gates and approx. 1000 feet of existing fence on the above referenced parcel.

1. Survey limits are a 100 foot radius of each gate and 15 feet either side of the existing 4 foot fence.
2. Set a minimum of three (3) vertical benchmarks on site for the topographic survey and future construction.
3. Existing elevations will be provided on 50 foot intervals in each direction, high points, low points, centerline of roads, top of curbs, gutters, finish floors at doorways, manhole rims, and other visible features in the survey limits.
4. Locate all roads, pavements, houses, garages, sidewalks, curbs, fences, power poles, visible manholes, fire hydrants, buildings, and all other permanent improvements within the survey limits.

ITEMS NOT INCLUDED IN TASK

1. Any and all required security clearances, badges, placards, and associated cost beyond a reasonable amount are not included in the proposal.
2. Meetings with Client or Municipality
3. Application, Review Permit, and Recording Fees
4. Legal Issues/Court
5. Zoning and/or Land Division Issues
6. Writing of Easements
7. Mortgage Surveys and/or ALTA Surveys
8. Wetland Determinations and/or Location Survey
9. Title Search and/or Reference Documents
10. Boundary Survey
11. Site Engineering
12. Flood Plain Determination and/or Location Survey Appearances
13. Staking for Construction

Our office may be contracted to perform the above listed items on an hourly bases.

COMPENSATION

The Charles E. Raines Company will be compensated on a **lump sum basis** for the work stated above as follows:

Phase # 1	Topographic Survey	\$ 2,950.00
Phase # 2	Locate MissDig marking and add to Topographic Survey	\$ 740.00

SCHEDULE

MissDig can be contacted within Two (2) working days after written Notice to Proceed is received. The fieldwork will commence within Five (5) working days after MissDig has finished marking utilities and be completed within Ten (10) working days thereafter, weather permitting. Working days are Monday thru Friday except Holidays.

INVOICING AND PROCEDURE

This job will be invoiced upon cancellation or delivery of the survey drawing. Any invoice not paid within thirty (30) days shall have 1-1/2% of the unpaid balance added.

This proposal is valid if authorized within 30 days of the date issued

ACCEPTANCE

If this proposal is acceptable, please sign below and return one copy to our office at your earliest convenience. The signed copies shall serve as "Notice to Proceed."

Accepted by: _____
(Signature)

(Print name) (Title)

(Company Name)

(Date)

Submitted by: Jason Verran
Jason Verran, P.S.
Survey Dept. Manager
CHARLES E. RAINES COMPANY



NON-CONSTRUCTION CONTRACT

Appendix B

(Aeronautics)

CIVIL RIGHTS ACT OF 1964, TITLE VI – 49 CFR PART 21 CONTRACTUAL REQUIREMENTS

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. **Compliance with Regulations.** The contractor will comply with the Regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
2. **Nondiscrimination.** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment.** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
4. **Information and Reports.** The contractor will provide all information and reports required by the Regulations or directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the SPONSOR or the Federal Aviation Administration (FAA) to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor will so certify to the SPONSOR or the FAA, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance.** In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the SPONSOR will impose such contract sanctions as it or the FAA may determine to be appropriate, including, but not limited to:
 - a. Withholding of payments to the contractor under the contract until the contractor complies, and/or

- b. Cancellation, termination, or suspension of the contract, in whole or in part.
6. **Incorporation of Provisions**. The contractor will include the provisions of paragraphs 1 through 5 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. The contractor will take such action with respect to any subcontract or procurement as the SPONSOR or the FAA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the SPONSOR to enter into such litigation to protect the interests of the SPONSOR and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

**AIRPORT AND AIRWAY IMPROVEMENT ACT OF 1982, SECTION 520
GENERAL CIVIL RIGHTS PROVISIONS
49 U.S.C. 47123**

The contractor assures that it will comply with pertinent statutes, Executive orders and such rules as are promulgated to assure that no person will, on the grounds of race, creed, color, national origin, sex, age, or handicap be excluded from participating in any activity conducted with or benefiting from Federal assistance. This provision obligates the tenant/concessionaire/lessee or its transferee for the period during which Federal assistance is extended to the airport a program, except where Federal assistance is to provide, or is in the form of personal property or real property or interest therein or structures or improvements thereon. In these cases the provision obligates the party or any transferee for the longer of the following periods: (a) the period during which the property is used by the airport SPONSOR or any transferee for a purpose for which Federal assistance is extended, or for another purpose involving the provision of similar services or benefits or (b) the period during which the airport SPONSOR or any transferee retains ownership or possession of the property. In the case of contractors, this provision binds the contractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

**ACCESS TO RECORDS AND REPORTS
49 CFR PART 18.36(i)**

The Contractor will maintain an acceptable cost accounting system. The Contractor agrees to provide the SPONSOR, the Federal Aviation Administration and the Comptroller General of the United States or any of their duly authorized representative's access to any books, documents, papers, and records of the contractor which are directly pertinent to the specific contract for the purpose of making audit, examination, excerpts and transcriptions. The Contractor agrees to maintain all books, records and reports required under this Contract for a period of not less than three years after final payment is made and all pending matters are closed.

RIGHTS TO INVENTIONS
49 CFR Part 18.36(i)(8)

All rights to inventions and materials generated under this contract are subject to regulations issued by the FAA and the SPONSOR of the Federal grant under which this contract is executed.

Appendix C

Assurances that Recipients and Contractors Must Make
(Excerpts from US DOT Regulation 49 CFR § 26.13)
(Revised October 1, 2005)

- A. Each financial assistance agreement signed with a DOT operating administration (or a primary recipient) must include the following assurance:

The recipient shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any US DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR Part 26. The recipient shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of US DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR Part 26 and as approved by US DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the department may impose sanctions as provided for under Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.).

- B. Each contract MDOT signs with a contractor (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance:

The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of US DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

LOBBYING AND INFLUENCING FEDERAL EMPLOYEES
49 CFR Part 20, Appendix A

(1) No Federal appropriated funds will be paid, by or on behalf of the contractor, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the making of any Federal grant and the amendment or modification of any Federal grant.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any Federal grant, the contractor will complete and submit Standard Form-LLL, "Disclosure of Lobby Activities," in accordance with its instructions.

TRADE RESTRICTION CLAUSE
49 CFR PART 30

The contractor or subcontractor, by submission of an offer and/or execution of a contract, certifies 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.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract will be awarded to a contractor or subcontractor who is unable to certify to the above. If the contractor knowingly procures or subcontracts for the supply of any product or service of a foreign country on said list for use on the project, the Federal Aviation Administration may direct through the SPONSOR cancellation of the contract at no cost to the Government.

Further, the contractor agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in each contract and in all lower tier subcontracts. The contractor may rely on the certification of a prospective subcontractor unless it has knowledge that the certification is erroneous.

The contractor will provide immediate written notice to the SPONSOR if the contractor learns that its certification or that of a subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The subcontractor agrees to provide written notice to the contractor if at any time it learns that its certification was erroneous by reason of changed circumstances.

This certification is a material representation of fact upon which reliance was placed when making the award. If it is later determined that the contractor or subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration may direct through the SPONSOR cancellation of the contract or subcontract for default at no cost to the Government.

Nothing contained in the foregoing will be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The

knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.

TERMINATION OF CONTRACT
49 CFR Part 18.36(i)(2)

For all contracts in excess of \$10,000:

- a. The SPONSOR may, by written notice, terminate this contract in whole or in part at any time, either for the SPONSOR's convenience or because of failure to fulfill the contract obligations. Upon receipt of such notice services will be immediately discontinued (unless the notice directs otherwise) and all materials as may have been accumulated in performing this contract, whether completed or in progress, delivered to the SPONSOR.
- b. If the termination is for the convenience of the SPONSOR, an equitable adjustment in the contract price will be made, but no amount will be allowed for anticipated profit on unperformed services.
- c. If the termination is due to failure to fulfill the contractor's obligations, the SPONSOR may take over the work and prosecute the same to completion by contract or otherwise. In such case, the contractor will be liable to the SPONSOR for any additional cost occasioned to the SPONSOR thereby.
- d. If, after notice of termination for failure to fulfill contract obligations, it is determined that the contractor had not so failed, the termination will be deemed to have been effected for the convenience of the SPONSOR. In such event, adjustment in the contract price will be made as provided in paragraph 2 of this clause.
- e. The rights and remedies of the SPONSOR provided in this clause are in addition to any other rights and remedies provided by law or under this contract.

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION,
INELIGIBILITY AND VOLUNTARY EXCLUSION**
49 CFR Part 29

For all contracts in excess of \$25,000:

The bidder/offeror certifies, by submission of this proposal or acceptance of this contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this proposal that it will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts, and subcontracts. Where the bidder/offeror/contractor or any lower tier participant is unable to certify to this statement, it will attach an explanation to this solicitation/proposal.

BREACH OF CONTRACT TERMS
49 CFR Part 18.36

For all contracts in excess of \$100,000:

Any violation or breach of terms of this contract on the part of the contractor or their subcontractors may result in the suspension or termination of this contract or such other action that may be necessary to enforce the rights of the parties of this Contract. The duties and obligations imposed by the Contract Documents and the rights and remedies available there under will be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

CLEAN AIR AND WATER POLLUTION CONTROL
49 CFR Part 18.36(i)(12)
(April 14, 2008)

Contractors and subcontractors agree for all contracts in excess of \$100,000:

- a. That any facility to be used in the performance of the contract or subcontract or to benefit from the contract is not listed on the Environmental Protection Agency (EPA) List of Violating Facilities;
- b. To comply with all the requirements of Section 114 of the Clean Air Act, as amended, 42 U.S.C. 1857 et seq. and Section 308 of the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq. relating to inspection, monitoring, entry, reports, and information, as well as all other requirements specified in Section 114 and Section 308 of the Acts, respectively, and all other regulations and guidelines issued there under;
- c. That, as a condition for the award of this contract, the contractor or subcontractor will notify the awarding official of the receipt of any communication from the EPA indicating that a facility to be used for the performance of or benefit from the contract is under consideration to be listed on the EPA List of Violating Facilities;
- d. To include or cause to be included in any construction contract or subcontract which exceeds \$100,000 the aforementioned criteria and requirements.

Attachment G

Prime CONSULTANT Statement of DBE Sub-CONSULTANT Payments

Information required in accordance with 49 CFR §26.37 to monitor progress of the prime CONSULTANT in meeting contractual obligations to DBEs.

PRIME CONSULTANT: CHECK IF PRIME IS MDOT-DBE CERTIFIED AUTHORIZATION NO. _____ CONTRACT NO. _____

BILLING PERIOD: _____ Check if Final Payment JOB NO. _____

CERTIFIED DBE SUBCONSULTANT	SERVICES WORK PERFORMED	TOTAL CONTRACT AMOUNT	CUMULATIVE DOLLAR VALUE OF SERVICES COMPLETED	DEDUCTIONS	ACTUAL AMOUNT PAID TO DATE	ACTUAL AMOUNT PAID DURING THIS REPORTING PERIOD	DBE AUTHORIZED SIGNATURE (Final Payment Report Only)	DATE

As the authorized representative of the above prime CONSULTANT, I state that, to the best of my knowledge, this information is true and accurate.

PRIME CONSULTANT'S AUTHORIZED REPRESENTATIVE (SIGNATURE) _____ TITLE _____ DATE _____

FOR MDOT USE ONLY

COMMENTS:

CONTRACT ADMINISTRATOR (SIGNATURE) _____ DATE _____

SPECIAL NOTE: "Prime CONSULTANT or Authorized Representative" refers to recipients of federal funds as defined at 49 Code of Federal Regulations Part 26.

INSTRUCTIONS

PRIME CONSULTANT OR AUTHORIZED REPRESENTATIVE:

This statement reports the actual dollar amounts of the project cost earned by and paid to DBE subCONSULTANTS. Complete and submit to the Contract Administrator with each billing and within 20 days of receipt of final payment. Some forms may be blank if no payment was made since the previous billing.

For "Contract No., Authorization No.," and "Job No.," as appropriate, use the numbers assigned by MDOT.

For "Period Covered," report the calendar days covered by the billing.

For "Services Work Performed" report the main service performed by the subCONSULTANT during the reporting period.

For "Total Contract Amount" report the total amount of the contract between the prime CONSULTANT and the subCONSULTANT.

For "Cumulative Dollar Value of Services Completed" report the total amount the subCONSULTANT has earned since beginning this project.

For "Deductions," report deductions made by the prime CONSULTANT to the subCONSULTANT's "Cumulative Dollar Value of Services Completed" for retainage, bond or other fees, materials, services or equipment provided to the subCONSULTANT according to mutual, prior agreement (documentation of such agreement may be required by MDOT).

For "Actual Amount Paid to Date," report cumulative actual payments made to the subCONSULTANT for services completed.

For "Actual Amount Paid During this Reporting Period" report actual payments made to the subcontractor for services during this reporting period.

Provide "DBE Authorized Signature" for final payment only.

Be sure to sign, title, and date this statement.

MDOT CONTRACT ADMINISTRATOR:

Complete "Comments" if necessary, sign, date and forward to the Office of Business Development within seven (7) days of receipt.

MDOT Office of Business Development
P.O. Box 30050
Lansing, Michigan 48909
Questions about this form? call Toll-free, 1-866-DBE-1264