SECONDAMENDMENT TO PROFESSIONAL AND TECHNICAL SERVICES CONTRACT WITH NAVIS GROUP, LLC.

Recitals

This amendment is by and between the State of Minnesota, acting through its Legislative Coordinating Commission on behalf of the Electronic Real Estate Recording Task Force ("State") and Navis Group, LLC ("Contractor"), 7665 Commerce Way, Suite 101, Eden Prairie, MN 55344.

Recitals

1. The State has a contract with the Contractor identified as the contract dated February 4, 2003 and amended July 31, 2003.

2. The contract is being amended to provide for additional work as required by the Task Force.

3. The State and the Contractor hereby amend the contract as stated below.

REVISION 1. "Contractor's Duties." On Page 3, after Phase II, items 1-5, add paragraphs as follows:

2.2.1. Identified Improvements to ERERTF Schema Standards

Proposed changes have been identified for the version3.0 ERERTF schema in use at pilot counties. These proposed changes will make it easier for existing and new counties and vendors to implement e-recording. The Task Force concludes that the easier the schemas are to work with, the faster public and private entities will adopt e-recording. Because the changes we have identified deal with schema design, they are global and they affect every electronic recording document.

Multiple Platform Portability

Version 3.0 of the Standard XML Schema is compatible with Microsoft platforms. In order to make the schema compatible with other platforms such as UNIX and Linux, stricter validation rules should be applied. Work to be completed by the contractor will allow for multiple platform use reflected in changes such as addressing case sensitive issues in the schema code.

Object Oriented Approach

Version 3.0 of the Standard XML Schema contains instances of Elements that mean different things in different places. In an object-oriented approach, elements should remain consistent throughout an XML document. Work will be completed by the contractor that will incorporate an object-oriented approach to all relevant elements in the schema.

2.2.1.1. Project Plan, Deliverables and Approach

Contractor will develop a project plan for schema review and update work. This plan will include the following elements:

- Detailed report of schema issues and update needs including portability issues and specific data and elements to be updated.

- Approval by ERERTF of identified work.

- Detail breakdown of work to accomplish changes for Phase I and Phase II documents.

- Approval by ERERTF of completed work.

- Change control document and updated schema version 4.0.

The project plan must include dates, timelines, milestones, and must be submitted to the Project Coordinator for review and approval within ten business days of execution of this amendment.

2.2.1.4 Change Control Report for v4.0 Presented to the ERERTF

Tasks: Contractor will create a version control report based on the updated schema code v4.0 generated from v3.0.

Deliverables: Change control report will be presented to the task force upon completion of updates.

The parties estimate that these reviews and the submission of version 4.0 will be conducted and completed by December 31, 2003.

REVISION 2. Page 3, paragraph 5.1 (A) **"Compensation"** is amended as follows:

(A) *Compensation.* Compensation for this work is $20,500

REVISION 4. Paragraph 5.1. (C) **"Total Obligation"** is amended as follows:

(C) *Total Obligation.* The total obligation of the State for all compensation and reimbursements to the Contractor under this contract will not exceed $118,500

REVISION 5. Attachment A is amended to add the following table as follows:

Attachment A
Deliverables and Payment Schedule

Pursuant to Paragraph 5.2 (A) payments will be made for each of the following deliverables:

Task	Milestone/Deliverable	Date	Amount
Review current schemas	Detailed understanding of all current document schemas and relationships	11/01/03	$5,000
Develop new objects for improved reusability	Utilize existing objects and create new objects for improved reusability	11/15/2003	
Establish object relationships	Adjust relationships to new objects using current functional requirements	11/15/2003	
Address multi-platform usability including consistency with case sensitivity	Validate schema using stricter rules for consistency	11/15/2003	$5,000
Review meeting for updated Phase 1 documents	Updated Phase 1 document schemas	11/15/2003	
Review meeting for updated Phase 2 documents	Updated Phase 2 document schemas	11/30/2003	
Make adjustments based on review meeting feedback	Phase 1 and 2 schema updates – Present for Task Force re-approval	12/11/2003	$5,000
Add updated schemas to Task Force version control system	Deliver the final Phase 1 and 2 schema version 4.0	12/31/2003	
Publish appropriate documentation to support changes and efforts	Change control documentation for updated version and final 10% retainer	12/31/2003	$5,500

Except as amended herein, the terms and conditions of the Original Contract and all previous amendments remain in full force and effect.

16 Signatures:

16.1. ERERTF

By:_____

   Mary Kiffmeyer

Chair, Electronic Real Estate
Recording Task Force

Date: _____

16.2. LCC

By:_____

   Greg Hubinger

Director, Legislative Coordinating
Commission

Date: _____

By: _____

   Representative Steve Sviggum

Chair, Legislative Coordinating Commission

Date: _____

16.3. Contractor

The Navis Group, LLC.

By: _____

Title: Principal

Date: _____

By: _____

Title: Principal

Date: _____