
GIAMPO – Policy Board

Tuesday, May 23, 2017

Regular Session

Item E8

Approval Recommendation of Consultant Selection for GIAMPO Bicycle and Pedestrian Master Plan

The FY 2017 and FY 2018 Unified Planning Work Programs (UPWP) include the work activity for the MPO to select a consultant to undertake a Bicycle and Pedestrian Master Plan for the Grand Island metropolitan region. In November 2016, the City of Grand Island released a Request for Qualifications (RFP) to seek a consultant to provide professional services for completing a GIAMPO Bicycle and Pedestrian Master Plan. The City received seven proposals from the following firms – The Clark Enersen Partners, Felsburg Holt & Ullevig, JEO Consulting Group, Inc., Leo A Daly, RDG Planning & Design, Snyder & Associates, Inc., and Vireo. RDG Planning & Design was selected through the consultant selection process. The City has reached an agreement on scope and fee with RDG Planning & Design. This agreement is scheduled for approval by City Council on May 23, 2017.

On April 10, 2017, the consultant selection was presented to the GIAMPO Technical Advisory Committee, which made a recommendation for approval.

Staff Contact: Allan Zafft, MPO Program Manager

Exhibit A
SCOPE OF SERVICES

Project: GIAMPO Bicycle and Pedestrian Master Plan
Project Number: PL-1(54)
Control Number: 00956A

A. PROJECT DESCRIPTION

The Grand Island Area Metropolitan Planning Organization (GIAMPO) was designated as the Metropolitan Planning Organization (MPO) for the Grand Island, Nebraska urbanized area. The purpose of this project is to develop the Bicycle and Pedestrian Master Plan which will guide future transportation and recreation investments for the GIAMPO region in the future. The RDG Planning & Design Team has developed a project approach and schedule that will complete this plan by December 2017.

RDG Planning & Design (Consultant) shall serve as the agent for the City of Grand Island (Client), representing the Client in all matters related to the services for this project.

It is anticipated that the project will require the following major tasks:

1. Mobilization and Stakeholder Engagement
2. Bicycling and Pedestrian Environmental
3. System Concept
4. Support Facilities
5. Barriers
6. System Design and Infrastructure Details
7. Implementation
8. Support Systems
9. Final Report

B. CONSULTANT SHALL PROVIDE

Task One: Mobilization and Stakeholder Engagement

Note: The Grand Island Area MPO's Bicycle and Pedestrian Advisory Committee (BPAC) will be the steering committee for the project.

- 1.1. Establish a project website for sharing updates of the process, knowledge, and feedback. Website may be established within RDG's website with links to the city's or other websites, depending on the discussions with the city and the consultant team.

- 1.2. With assistance of city staff, assemble and review relevant existing documents, plans, and maps. City shall provide available base maps, GIS information, street inventory data, and other previously prepared materials relevant to the completion of this work.
- 1.3. Conduct an initial kickoff meeting with the BPAC that will introduce team members; review the process, schedule, and requirements and expectations of the committee; identify key contacts; and discuss the goals and directions of the plan and complete up to three discussions with constituent groups to consider priorities, and discuss pedestrian and bicycling needs, options, destinations, and preferences.
- 1.4. Implement a community engagement process that includes the following components:
 - Coordinating displays describing the plan and with public representation with another community event such as the Walk with the Mayor.
 - Conducting one community planning workshop to gain public input on opportunities and connection opportunities. The workshop will include stations for specific sectors of the MPO area to provide opportunities for considering local level projects and needs.
 - Conducting community open house with displays explaining the plan and brief structured presentations that present general principles and policies.

Deliverables:

- Development and operation of project website.
- Informational handouts for BPAC kickoff with posting of materials on website.
- Displays for community events
- Notes on proceedings with constituent groups
- Displays and materials for community planning workshop
- Documentation of results of workshop
- Summary handouts and displays for community open house

Task Two: Bicycling and Pedestrian Environment

- 2.1. Develop, administer, and analyze an online survey, addressing characteristics of cyclists and pedestrians, demand for different destinations and destination types, comfort of different infrastructure types, and importance of various actions.
- 2.2. Based on available city data and other sources, prepare maps of existing conditions and opportunities for pedestrian and bicycle transportation, addressing:
 - 2.2.1. Geography and topography.
 - 2.2.2. Land use and development patterns.
 - 2.2.3. Potential destinations.

2.2.4. Existing and planned facilities, including trails on exclusive right-of-way, sidepaths, designated bicycle and safe routes (including sharrows and bike lanes), and sidewalk conditions on major streets.

2.2.5. On-street bicycle opportunities cross-referencing width, ADT, and street continuity.

2.2.6. Crash locations (if available), barriers, difficult intersections, and other potential hazards for pedestrians and bicyclists. Data to consider include distribution of potential destination, average daily traffic, observed crash statistics, and local and national crash rates.

2.2.7. A contextual street typology that reflects contexts within Grand Island and their adaptability to bicycle transportation.

2.2.8. Network opportunities, identifying other possible off-road possibilities and relatively uninterrupted segments along streets.

2.2.10. Relationship to possible public transportation initiatives identified by the MPO's public transportation study.

2.2.11. Existing and proposed trail and on-street linkages to adjacent cities in the metropolitan area.

2.2.12. Heat maps or other measures of the demand for pedestrian and bicycle access in the study area.

2.3. Conduct up to four days of field work, mostly on bicycle, focusing on opportunity corridors and streets identified in Task 2.2.

~~2.4. Conduct one community planning workshop to gain public input on opportunities and connection opportunities. The workshop will include stations for specific sectors of the MPO area to provide opportunities for considering local level projects and needs. (This task was moved under Task 1.4)~~

Deliverables:

- Design and launch of on-line survey with PowerPoint summary of results
- Atlas of existing condition and opportunity analysis maps.
- ~~• Displays and materials for community planning workshop (This deliverable was moved to Task 1.)~~
- ~~• Documentation of results of workshop (This deliverable was moved to Task 1.)~~

Task Three: System Concept

3.1. Establish goals and attributes to guide system design and evaluation. Potential attributes include service to destinations, incremental integrity (providing value and continuity at each step of implementation), ability to evolve over time, conflict avoidance, maximum use of existing resources, identifying and filling strategic gaps, and use of routes of least traffic resistance.

3.2. Develop a preliminary community-wide system concept, using analysis and workshop results of Task Two to define routes, specific projects, infrastructure types, and other features in relation to destinations.

3.3. Develop a vocabulary of facility types and treatments, and applying them to the GIAMPO's specific pedestrian and bicycle contexts.

3.4. Define specific pedestrian projects, including intersection crossings, closing network gaps, basic pedestrian "arterials," and safe routes to specific destinations.

3.5. Place the network into the larger regional concept of facilities proposed or existing in the surrounding metropolitan area.

Deliverables:

- System concept maps displaying overall on-street and trail routes and types of infrastructure matched to segments.
- Map and/or annotated list of key pedestrian projects.
- Regional map identifying projects in the region but outside the MPO study area and their relationship to the Grand Island/Alda system.
- Supporting narrative

Task Four: Support Facilities

4.1. Trailheads and Open Space Nodes

- Establish criteria for location, spacing, and site characteristics of trailheads and open space nodes.
- Locate potential trailhead and open space node opportunities on the proposed network.
- Establish a menu of features for trailheads and open space nodes, along with a conceptual land plans for an illustrative facility.

4.2. Review comprehensive plan and park and recreation proposals for relationship to framework system. Include discussions with Parks Department staff about potential facilities.

4.3. Locate and evaluate points of interest, including National Register sites and districts, community attractions such as Fonner Park, neighborhoods, and other points of community interest. Identify locations along the proposed network that accommodate or advance these complementary facilities.

4.4. Identify possible linkage routes, with types of improvements and infrastructure, to connect the framework system to future recreational facilities.

4.5. Design typical interpretive and wayfinding graphics to direct users to these features.

Deliverables:

- Maps illustrating items 4.1 through 4.4 for presentation to BPAC and inclusion in document.
- Typical interpretive and wayfinding graphics. Wayfinding signs on streets will be MUTCD compliant.

Task Five: Barriers

5.1. Identify key barrier crossing points.

5.2. Provide planning level guidance on the design of crossings, which could include bridges, underpasses, modifications to at-grade intersections, introduction of new at-grade pedestrian/bicycle crossings, or alternative routes to cross these barriers.

Deliverables:

- Maps, graphics and supporting narrative for presentation to BPAC and inclusion in document.

Task Six: System Design and Infrastructure Details

6.1. Review of current street design standards, along with an analysis of their implications for bicycle and pedestrian transportation. Major issues include street sections, trail and sidepath design, intersection design, and maintenance practices.

6.2. Design general guidelines and illustrated standards for the infrastructure types, adapting the state of the practice to the specific conditions in the local street and transportation network. Standards include sections, dimensions, materials, clearances, grades, drainage, traffic controls, wayfinding, and maintenance.

6.3. Review ordinances that affect or could benefit bicycle and pedestrian transportation, including zoning and land development regulations.

Deliverables:

- Maps, graphics and supporting narrative for presentation to BPAC and inclusion in document.

Task Seven: Implementation

7.1. Define priority criteria and evaluate routes according to those criteria.

7.2. Develop a three-phase sequencing concept, with a first phase pedestrian/bicycle system based on priority criteria and available resources and medium- and long-term phases that build on the initial system. Each phase will include opinions of probable cost broken down by individual project and total phase. This includes all projects identified in Tasks Four through Six.

7.3. Identify funding mechanisms to provide for system development and maintenance.

7.4. Develop recommendations for operational policies and mechanisms, including coordination with transit services and maintenance policies.

Deliverables:

- Maps illustrating each stage of the implementation program.

- Narratives and tables identifying funding mechanisms
- Narrative of operational policies

Task Eight: Support Systems

8.1. Develop recommendations for supporting systems and programs based on the evaluation criteria of the League of American Bicyclists Bicycle Friendly Community program.

- Engineering (covered largely by the previous master plan sections but also including specific elements like bicycle parking, system graphics, and special facilities such as bike share systems).
- Education, including safety education for pedestrians, bicyclists, and motorists.
- Encouragement, including special events and public relations programs to encourage non-motorized transportation.
- Enforcement, including integration of police departments into the active transportation program, equitable enforcement of traffic laws, and development of materials that identify responsibilities of motorists, cyclists, and pedestrians.
- Evaluation, establishing methodologies through surveys, sampling, and counts to monitor the effectiveness of the program.

Deliverables:

- Narrative chapter

Task Nine. Final Report

9.1. Draft preliminary plan document for review by staff and Steering Committee. Following review, post draft document on project website for public comment.

9.2. ~~Conduct a community open house with displays explaining the plan and brief structured presentations that present general principles and policies. (This task was moved under Task 1.4)~~

9.3. Following open house, prepare final draft with modifications as required, based on staff and steering committee review of public comments and suggestions.

9.4. Present final plan to the GIAMPO Technical Advisory Committee, GIAMPO Policy Board, and City Council.

Deliverables:

- Preliminary plan draft
- ~~Summary handouts and displays for community open house (This deliverable was moved to Task 1.)~~
- Final draft
- PowerPoint presentation of document

GIAMPO RESOLUTION NO. 2017-11

Grand Island Area Metropolitan Planning Organization

**A Resolution Approving the Consultant Selection for
GIAMPO Bicycle and Pedestrian Master Plan**

WHEREAS, the Grand Island Area Metropolitan Planning Organization (GIAMPO), is designated as the Metropolitan Planning Organization (MPO) for the Grand Island Urbanized Area, by the Governor acting through the Nebraska Department of Roads in cooperation with locally elected officials of the Grand Island Urbanized Area; and

WHEREAS, the Unified Planning Work Program for fiscal year 2017, covering the period of July 1, 2016 to June 30, 2017, and fiscal year 2018, covering the period of July 1, 2017 to June 30, 2018 includes Federal Highway Administration PL funds for developing a Bicycle and Pedestrian Master Plan; and

WHEREAS, on November 16, 2016 the Engineering Division of the Public Works Department for the City of Grand Island advertised for professional engineering services for GIAMPO Bicycle and Pedestrian Master Plan; and

WHEREAS, on December 15, 2016 seven (7) engineering firms submitted qualifications for such services; and

WHEREAS, based on the pre-approved selection criteria RDG Planning & Design of Omaha, Nebraska was selected as the top engineering firm; and

WHEREAS, the consultant selection was presented to the Technical Advisory Committee of the MPO, which made a recommendation for approval, and now requires official approval from the Policy Board of the MPO; and

NOW, THEREFORE BE IT RESOLVED, that the Policy Board of the MPO approves the consultant selection for the GIAMPO Bicycle and Pedestrian Master Plan.

BE IT FURTHER RESOLVED, that the Policy Board of the MPO requests that the City of Grand Island execute the appropriate contractual arrangements with the consultant on behalf of the Grand Island Area Metropolitan Planning Organization.

Certification:

The foregoing resolution was approved by the Grand Island Area Metropolitan Planning Organization Policy Board at its regularly scheduled meeting on May 23, 2017.

By:

Attest:

Jeremy Jensen, Mayor / Chairperson

John Collins, Public Works Director