



RESOLUTION AWARDING THREE-YEAR CONSULTANT CONTRACTS, WITH AN OPTION TO EXTEND FOR TWO ADDITIONAL ONE-YEAR PERIODS, TO ARUP NORTH AMERICA LTD., ITERIS, INC., NELSON\NYGAARD CONSULTING ASSOCIATES, STANTEC CONSULTING SERVICES, INC. AND WSP PARSONS BRINCKERHOFF, FOR A COMBINED AMOUNT NOT TO EXCEED \$2,000,000 FOR ON-CALL TRANSPORTATION PLANNING SERVICES AND AUTHORIZE THE EXECUTIVE DIRECTOR TO NEGOTIATE CONTRACT PAYMENT TERMS AND NON-MATERIAL CONTRACT TERMS AND CONDITIONS

WHEREAS, The Transportation Authority has long-range countywide, neighborhood-scale, and project-level planning and policy advisory capabilities that stem from its multiple roles and is seeking on-call transportation planning services to support its work program over the next three years; and

WHEREAS, The establishment of contracts with one or more consultant teams will enable the Transportation Authority to enlist the services of a broad range of transportation planning specialists on an on-call, task order basis; and

WHEREAS, On January 27, 2016, the Transportation Authority issued a Request for Qualifications (RFQ) for on-call transportation planning services; and

WHEREAS, The Transportation Authority received six Statements of Qualifications (SOQs) in response to the RFQ by the due date of March 3, 2016; and

WHEREAS, A selection panel consisting of San Francisco Municipal Transportation Agency and Transportation Authority staff interviewed six teams on March 16-17, 2016; and

WHEREAS, Based on the competitive process, the selection panel recommended awarding contracts to the five highest-ranked firms: Arup North America Limited (Arup), Iteris, Inc. (Iteris),



Nelson\Nygaard Consulting Associates (Nelson\Nygaard), Stantec Consulting Services Inc. (Stantec) and WSP Parsons Brinckerhoff; and

WHEREAS, Budget for services identified in these contracts will be provided by a combination of federal Surface Transportation Planning grants, federal grants from the California Department of Transportation and the Metropolitan Transportation Commission, local contributions from the Treasure Island Development Authority and Prop K sales tax funds; and

WHEREAS, The first year's activity is included in the Transportation Authority's proposed mid-year budget amendment, approval of which is to be considered under a separate agenda item at the April 26, 2016 Board meeting, and sufficient funds will be included in future fiscal year budgets to cover the cost of these contracts; and

WHEREAS, At its April 12, 2016 meeting, the Finance Committee reviewed and unanimously recommended approval of the staff recommendation; now, therefore, be it

RESOLVED, That the Transportation Authority hereby awards three-year consultant contracts, with an option to extend for two additional one-year periods, to Arup, Iteris, Nelson\Nygaard, Stantec. and WSP Parsons Brinckerhoff, for a combined amount not to exceed \$2,000,000 for on-call transportation planning services; and be it further

RESOLVED, That the Executive Director is hereby authorized to negotiate contract payment terms and non-material contract terms and conditions; and be it further

RESOLVED, That for the purposes of this resolution, "non-material" shall mean contract terms and conditions other than provisions related to the overall contract amount, terms of payment, and general scope of services; and be it further

RESOLVED, That notwithstanding the foregoing and any rule or policy of the Transportation Authority to the contrary, the Executive Director is expressly authorized to execute agreements and amendments to agreements that do not cause the total agreement value, as approved herein, to be



exceeded and that do not expand the general scope of services.

Attachment:

1. On-Call Planning Scope of Services



The foregoing Resolution was approved and adopted by the San Francisco County Transportation Authority at a regularly scheduled meeting thereof, this 26th day of April, 2016, by the following votes:

- Ayes:** Commissioners Avalos, Breed, Campos, Cohen, Kim, Mar, Peskin, Tang, Wiener and Yee (10)
- Nays:** (0)
- Absent:** Commissioner Farrell (1)

Scott Wiener 4/27/16

Scott Wiener
Chair

Date

ATTEST:

Tilly Chang 4/30/16

Tilly Chang
Executive Director

Date

Attachment 1
On-Call Transportation Planning Services
Scope of Work

Transportation Planning Technical Assistance Required: The Transportation Authority seeks transportation planning teams with expertise in multimodal transportation planning and design, outreach and program management. A list of eight general areas of expertise sought in prospective teams is provided below, lettered *A* through *H*. All teams must demonstrate skills and experience in *A* and in four additional expertise areas, from *B* through *H*. Teams must declare which capabilities they are qualified to support.

A. Project/Program Management

- a. Scope, schedule, budget management
- b. Workplan management

B. Transportation Planning and Design

- a. Network/modal planning and design
 - i. Pedestrian, bicycle network
 - ii. Transit network and/or service planning
 - iii. Traffic engineering, circulation studies
 - iv. On- and off-street parking management
- b. Land use/transportation planning
 - i. Land use/housing policy
 - ii. Station-area, transit-oriented development planning and plan reviews
- c. TDM
 - i. Development conditions/approval policy
 - ii. Strategies for managing existing development, including pricing and incentives
 - iii. Information/marketing/education
- d. Coordination with state and federal agencies (e.g., the California Department of Transportation (Caltrans); Federal Transit Administration (FTA), or Federal Highways Administration (FHWA))
- e. California Environmental Quality Act/National Environmental Policy Act
 - i. Environmental Justice/Title VI

C. Community Involvement and Community Based Planning

- a. Outreach
 - i. Community organizing
 - ii. Facilitation
 - iii. Multi-media (electronic and non-electronic) outreach methods
- b. Translation, interpretation
- c. Visualization

D. Design and Cost Estimation

- a. Conceptual design through 30% design engineering
- b. Street/streetscape design
- c. Planning level cost estimation

E. Modeling/Data Analysis

- a. Data Collection
- b. Data analysis (e.g., of model output, or of third-party cellular or GPS data)
- c. Multimodal micro-simulation
- d. Mapping

F. Policy and Economic Analysis

- a. Economic impact analysis
- b. Fiscal and financial analysis
- c. Market analysis and/or transportation business plan development
- d. Climate/sustainability
- e. Equity analysis

G. Technology-Enabled Transportation

- a. Innovative technology assessment
- b. Mobile application design and development
- c. Connected and autonomous transportation technologies

H. Transportation Systems Engineering Design and Operations

- a. Systems management and integration oversight
- b. Payment technology design and implementation
- c. Traveler information systems

The Transportation Authority anticipates needing on-call transportation planning assistance in the following areas in Fiscal Years (FY) 2015/16 through FY 2017/2018:

1. **NTIP Program:** The Transportation Authority's NTIP Program is a community-based approach for identifying high-priority transportation needs and developing conceptual designs and pilot concepts for transportation improvements in neighborhoods throughout San Francisco. Each NTIP seeks to address both community concerns regarding neighborhood transportation conditions and to engage District and community leadership in the planning process.
2. **SFTP Background Papers and/or Follow-On Studies:** The Transportation Authority is preparing a minor update to the 2013 SFTP and plans to seek Board approval in summer 2016. The SFTP update is anticipated to produce recommendations for follow-on studies that may require assistance from the on-call planning contract. In particular, we anticipate that the SFTP will continue initiatives from the 2013 SFTP as well as address emerging sector needs. Consultant support may be needed for the planning, design, and/or pilot/operation and evaluation of strategies in the following areas:
 - Specialized travel markets: A significant number of trips in San Francisco occur outside of the standard morning and evening peak periods. The Transportation Authority may seek consultant assistance in developing specialized policies or service solutions to address the needs of these travelers and trips, including those related to paratransit, school, trips occurring in the late night and early morning, trips by visitors and tourists, and goods/freight movement, among others.
 - New/Emerging Transportation Technology/Solutions:
 - a. Shared Mobility and For-Hire Transportation: The rise of privately-provided mobility services, or technology-enabled mobility services, requires policy

response to help the public sector evaluate the benefits and impacts and promote the application and integration of these technologies to support transportation goals. The Transportation Authority may seek consultant support to establish a working policy framework, targets, and metrics to assess whether and how new transportation technologies are helping San Francisco meet its transportation, goals related to safety, mobility, the environment, economic vitality, and equity.

- b. **Connected Vehicles and Autonomous Vehicles:** Consultant may be asked to support scoping, planning, and project development related to connected vehicles and/or automated vehicle technology.
 - c. **Payment Technology and Traveler Information:** The Transportation Authority may seek Consultant support for the planning, design, and/or deployment of software development related to mobile application and application-based payment technologies in support of programs such as travel incentives and rebates, travel behavior monitoring, and user information.
3. **Freeway Corridor Management Studies:** The Transportation Authority is currently leading the FCMS Phase 2, which will examine US 101/I-80 and a portion of I-280 for opportunities to provide a managed lane. Consultant may be asked to support the Caltrans project development process, such as through preparation of Project Initiation Documents.
4. **Regional Transit Service Analysis and Planning:** Consultant may be asked to support transit service planning efforts, such as to close regional and local transit service gaps or meet unmet market demands, through coordination with and planning for both public, private, fixed, and variable route transit service providers. For example, the Transportation Authority is leading an analysis to refresh and consider expansion of all-night local and regional bus service through the Late Night Transportation Study Phase II.
5. **Transit Core Capacity Study Follow-On Project Development:** Led by MTC, with support from the Transportation Authority, the Transit Core Capacity Study is a two-year effort to will identify major transit capacity improvements for the Transbay corridor and provide a conceptual phasing of individual projects. Consultant may be asked to support follow-on project evaluation and development of Transit Core Capacity Study recommendations.
6. **BART Smart Travel Rewards Pilot:** The Transportation Authority is currently co-leading this pilot with BART to address crowding by incentivizing riders to shift travel to the shoulders of the peak period or to other stations and routes. The incentive involves a BART loyalty program whereby riders receive rewards for using BART during off-peak periods. Consultant may support aspects of this pilot, or of follow-on studies and evaluations.
7. **Transit Corridor/Station or Area Plans:** The Transportation Authority is actively engaged with multiple agencies in planning activities at or near several stations/multi-modal hubs including the Balboa Park BART/Muni Station and the Bayshore Caltrain Station. We also provide technical assistance on corridor or area plans such as the Better Market Street project, the Railyard/Boulevard Study, and the 19th Avenue/M-Ocean View Project. Several of these studies currently have grant funding with dedicated consultant support, but may have supplemental needs or require specialized technical support in the future.
8. **TDM Initiatives:** Consultant may be asked to provide TDM policy analysis, stakeholder facilitation, program design, implementation support, and/or project evaluation services.

9. **SAR/Policy Analysis Support:** SARs are carried out at the request of the Transportation Authority Board, to frame current issues of concern and to inform policy development regarding specific transportation issues which may not be adequately addressed by existing regulations or policy. Occasionally, the Transportation Authority Board or other agency requests assistance in transportation planning, or Transportation Authority-led projects require supplemental analysis. Consultant may be asked to provide research, data analysis, and report writing in support of Transportation Authority policy analyses.

The above mentioned tasks are representative of needs in the coming three years – additional tasks to be determined are anticipated to be needed and not all tasks listed above will necessarily be produced under this contract in the next three years.