

NOTICE TO CONSULTANTS REQUEST FOR PROFESSIONAL SERVICES

The City and County of Honolulu (City) is seeking professional services in the fields of architecture and engineering for a Station Design Consultant (SDC) for the Honolulu High-Capacity Transit Corridor Project (HHCTCP). The SDC will provide services related to the design of three stations comprising the Farrington Station Group: West Loch Station, Waipahu Transit Center Station, and Leeward Community College Station. The successful firm must be licensed to do business in the State of Hawai'i at the time of Contract award. The SDC contract will be supervised and overseen by the City and County of Honolulu Department of Transportation Services' Rapid Transit Division (RTD). Because funding assistance is anticipated from the U. S. Department of Transportation, Federal Transit Administration (FTA), FTA's third-party contracting requirements will apply.

HHCTCP BACKGROUND

Purpose

The purpose of the HHCTCP is to provide high-capacity rapid transit in the congested east-west transportation corridor between Kapolei and the University of Hawai'i at Mānoa (UH Mānoa). This corridor includes the majority of housing and employment on O'ahu. The north-south width of the corridor is a maximum of four (4) miles, as much of the corridor is constrained by the Ko'olau and Wai'anae Mountain Ranges to the north and the Pacific Ocean to the south.

First Project: East Kapolei to Ala Moana Center via the Airport (the Project)

The Project is identified in the Draft Environmental Impact Statement (DEIS) as the Airport Alternative. The Project will include the design, construction and operation of a 20.5 mile grade-separated fixed guideway transit system between East Kapolei and Ala Moana Center. All parts of the guideway will be elevated, except near Leeward Community College, where it will be at-grade in exclusive right-of-way. The system will use steel wheel on steel rail technology. The Project includes 21 stations, one maintenance and storage facility, and 76 light metro vehicles and associated core systems. The City intends to seek New Starts funding assistance from the FTA and must comply with the statutory, regulatory, and administrative requirements for New Starts projects.

Planned Extensions

In addition to the Project, the Locally Preferred Alternative (LPA) includes four planned extensions connecting the Project to West Kapolei, UH Mānoa, Waikīkī, and Salt Lake. The extensions would receive separate detailed environmental review.

Additional information on the HHCTCP is found at: <http://honolulutransit.org>.

Status of FTA Programmatic Requirements

An Alternatives Analysis was completed in October 2006. On December 22, 2006, the Honolulu City Council selected the Fixed Guideway Alternative as the LPA. A DEIS was released in November 2008. The comment period ended on February 6, 2009. The Final Environmental Impact Statement is expected to be released this fall.

On May 4, 2009, the City sent a letter to FTA Region 9 requesting the Project's entry into Preliminary Engineering.

PROJECT DELIVERY AND CURRENT PROCUREMENT EFFORTS

Guideway and Stations

The Project's guideway and stations are planned to be constructed starting from the western terminus of East Kapolei in sections:

- Section I - West O'ahu/Farrington Highway: East Kapolei Station to Pearl Highlands Station;
- Section II – Kamehameha Highway: Pearl Highlands Station to Aloha Stadium Station;
- Section III – Airport: Aloha Stadium Station to Middle Street Station; and
- Section IV – City Center: Middle Street Station to Ala Moana Center Station.

The City is in the process of procuring a design-build (DB) contractor for the West O'ahu/Farrington Highway guideway.

All station groups will be implemented through the procurement of individual design firms, under service contracts, who will prepare design documents for individual construction packages to be procured using the design-bid-build method.

Core Systems

The Core Systems will be constructed under a design-build-operate-maintain (DBOM) contract. The major subsystems and other end-products to be acquired under the contract over the eight year period include the revenue vehicles, train control, traction power facilities, fare collection, and manufactured products required for operation and maintenance of the system. The City is in the process of procuring the Core Systems DBOM contractor.

Maintenance and Storage Facility (MSF)

The MSF will be constructed under a DB contract. The MSF DB contractor will be responsible for: completing design; site work; construction of various maintenance buildings; and purchasing, storing, and distribution of rail, special trackwork, switch machines, contact rail and appurtenances for the entire 20.5-miles. The City is in the process of procuring the MSF DB contractor.

SCOPE OF WORK

An indicative listing of tasks relating to the scope of work for the Farrington Station Group SDC accompanies this notice. All SDC levels of effort, work, scope, and responsibilities are subject to the review and approval of the City, and may be adjusted at any time.

TERM OF CONTRACT

The term of the Farrington Station Group SDC contract is expected to extend from February 2010 to October 2014.

SUBMITTAL MATERIALS REQUIREMENT

- 1) Letter of interest
- 2) Information on the Firm
 - a) Name of the Firm, the principal place of business, and location of all its offices.
 - b) The age of the Firm and its average number of employees over the past five years.
 - c) The education, training, and qualifications of key members of the Firm.
 - d) The total annual revenues of the Firm over each of the past five years.
 - e) The names and phone numbers of up to five clients who may be contacted, including at least two for whom services were rendered during the preceding and current year, preferably for projects similar to this Project.
 - f) Any promotional or descriptive literature which the Firm desires to submit.
- 3) A statement as to whether the Firm, its principals or key employees presently, or in the past, are, or have been, involved in any debarment or suspension proceedings.
- 4) A statement identifying any contract involving the Firm that was terminated for default within the past three years.

- 5) Other related information:
- a) Identification and roles of each subconsultant firm proposed to work on the Project. (This section should not exceed two pages.)
 - b) Identification of the persons for the following positions who will be assigned to the Project:
 1. Project Manager
 2. Design Manager
 3. Quality Assurance Manager
 4. Chief Architect
 5. Chief Facilities Design Manager
 6. Chief Structural Engineer
 7. Chief Landscape Architect
 8. Mechanical / Electrical Design Manager
 9. Interface Manager
 10. Public Involvement Liaison
 11. Construction Services Coordinator
 - c) Resumes for the staff identified above and for any other individuals deemed to have a major role in providing the services. (Note: References may be contacted to verify individual performance on projects included in resumes. Thus, resumes should be sufficiently specific to allow verification. Provide reference names and telephone numbers).
 - d) An organization chart of the proposed SDC team. (Note: Position titles shown in the staffing table in Section 5.b, above are intended to be functional and not mandatory for the organization chart. The organization structure and titles should reflect what the firm deems to be appropriate for the services to be provided.);
 - e) Provide a list of example projects which best illustrate the Firm's relevant qualifications for this assignment. The list should not exceed ten (10) recent projects that include major SDC projects undertaken and completed within the past five years. The project list should include rail transit projects, transit station design, renovation and construction projects or other similar projects.
 - f) Provide the following for each project listed:
 1. Name and Location
 2. Period of Performance (Start and End Dates)
 3. Primary role of your firm
 4. Percent of work completed by your firm
 5. Contact name and telephone number
 6. Owner's project number
 7. Contract value
 8. Final value
 9. Identify any project claims and litigation involving your firm (if none, so state)
 10. Did the project involve federal funds (yes or no)
 - g) Any other pertinent information that should be considered in the evaluation of the firm's qualifications. [Limit to no more than five (5) pages.]

SELECTION

The City will evaluate submittals according to the criteria identified below. These criteria are listed with the most important criteria first and other criteria in descending order of importance. Contract negotiations will be conducted pursuant to Hawaii Revised Statutes §103D-304(h).

Evaluation Criteria in Descending Order of Importance	
1	Experience and professional qualifications relevant to the Project
2	Past performance on projects of similar scope for public agencies or private industry, including corrective actions and other responses to notices of deficiencies
3	Capacity to accomplish the work in the required time
4	Any additional criteria determined in writing by the selection committee to be relevant to the City's needs or necessary and appropriate to ensure full, open, and fair competition

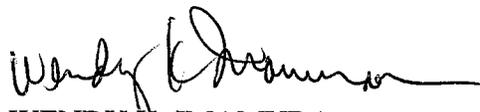
DEADLINE

An original and seven (7) copies of the SUBMITTAL MATERIALS packet shall be submitted not later than November 19, 2009, 2:00 p.m. Hawaii Standard Time, to:

Mr. Toru Hamayasu, Chief
Rapid Transit Division
RQS-DTS-1000449-1
Department of Transportation Services
1099 Alakea Street, Suite 1700
Honolulu, Hawaii 96813

No facsimiles will be considered. The SDC contract for the Farrington Station Group will only be awarded to a firm that demonstrates the ability to provide all of the services required for the Project. SUBMITTAL MATERIALS submitted for only parts of the required services will be considered non-responsive to this notice.

Any inquiry regarding the services required shall be directed in writing to Mr. Hamayasu, Rapid Transit Division, Department of Transportation Services, at the address above, or to Deanna Chang at e-mail address dchang@honolulu.gov.



WENDY R. IMAMURA
PURCHASING ADMINISTRATOR
Department of Budget and Fiscal Services
City and County of Honolulu

ATTACHMENT TO

NOTICE TO CONSULTANTS REQUEST FOR PROFESSIONAL SERVICES HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT (HHCTCP) FARRINGTON STATION GROUP DESIGN CONSULTANT, FARRINGTON STATION GROUP DESIGN CONTRACT, INDICATIVE LISTING OF TASKS RELATED TO THE SCOPE OF WORK

The 6.8-mile West O'ahu/Farrington Highway Guideway portion of the HHCTCP alignment includes six stations: East Kapolei Station, UH-West O'ahu Station, Ho'opili Station, West Loch Station, Waipahu Transit Center Station and the Leeward Community College Station. The scope of work for the Farrington Station Group Design Contract will be limited the design of three stations: West Loch, Waipahu Transit Center, and Leeward Community College. Design of the East Kapolei Station, UH-West O'ahu Station, and Ho'opili Station is not included in the scope of work for this contract. The design of the guideway structure at these stations will be part of the West O'ahu / Farrington Highway Guideway Design-Build Contract, and is not included in the scope of work for this contract.

Descriptions of the Farrington Station Group

West Loch Station: The elevated station guideway structure and two 240-foot long side-platforms are located in the Farrington Highway street median. At-grade station entrance structures are located on either side of Farrington Highway and include the Train Control and Communications room and other required ancillary and equipment rooms. The at-grade station entrance structures are connected by an elevated pedestrian walkway at the station concourse level that spans Farrington Highway. The South station entrance structure is adjacent to a bus transit center; the site design includes landscaping and the bus transit center.

Waipahu Transit Center Station: The elevated station guideway structure and side-platforms, each 240-foot long, are located in the Farrington Highway street median. At-grade station entrance structures are located on either side of the street on the north and south sides of Farrington Highway and include the Train Control and Communications room and other required ancillary and equipment rooms. The at-grade station entrance structures are connected by an elevated pedestrian walkway at the station concourse level that spans Farrington Highway. The North station entrance structure provides direct access to the existing Hikimoe Street bus transit center; the site design includes landscaping.

Leeward Community College Station: The at-grade trackway and 240-foot long center platform station configuration are located within the Leeward Community College campus. The single station entrance structure is partially below-grade and is connected to the station platform by a below grade passageway under the relocated Ala Ike Street. The Train Control and Communications room and other required ancillary and equipment rooms are located under the platform and the main structure for these rooms is part of the guideway contract. The site design includes the landscaped station plaza, parking lot redesign and a maintenance vehicle parking area.

Scope of Work

Station Design Work: Station Design work includes the design and preparation of final construction plans, detailed specifications and other contract documents for the Farrington Station Group. The design work will be based upon the existing 30% design documents, the Signage Manual, the City's Standard and Directive Drawings, Compendium of Design Criteria and the Design Language Pattern Book. All drawings will be done in accordance with the Plans Standards and CADD Procedures.

The Station Design work for this Contract includes, but is not limited to:

- Station public spaces and ancillary structures;
- Station finishes;
- Vertical circulation elements;
- Concourse and concourse supports, except within the limits of the guideway contract;
- Platform and platform canopy;
- Electrical and mechanical design;
- Site work, including demolition;
- Site landscaping and furnishings;
- Guideway permanent landscaping and furnishings;
- Coordination with the Transit Arts Program;
- Signage and graphics;
- Parking facilities and/or transit centers;
- Lighting, HVAC, electrical and other ancillary space equipment;
- Installation of security systems and alarms;
- Interface with other Contracts;
- Permitting; participation in community outreach and public presentations; and
- Sustainable design practices and ADA requirements.

Guideway Landscaping: Design of the permanent landscaping along the guideway corridor from where the guideway turns onto Farrington Highway to where it crosses H-1 is a part of this contract.

INDICATIVE LISTING OF TASKS

Project and Team Management

- Interface with City and GEC; and
- Coordinate and manage subconsultants.

Architectural Design

- Develop and prepare schematic designs and presentation materials for public presentations;
- Design and prepare construction documents for station public and ancillary spaces, architectural finishes, vertical circulation elements, and station site design, including parking facilities and transit center facilities; and
- Coordination of disciplines and quality management.

Civil Design

- Design and prepare street restoration construction documents;
- Prepare hydrology and drainage reports, as required;
- Design and prepare grading, drainage and paving construction documents for station site and station parking areas;
- Design and prepare construction documents for demolition;
- Prepare temporary traffic control plans;
- Prepare right-of-way plans; and
- Prepare traffic signaling, roadway signing and striping construction documents for station areas that are not part of the West O‘ahu/Farrington Highway Guideway Contract.

Utility Design

- Prepare composite utilities rearrangement plans, utility relocation and restoration construction plans and details that are not part of the West O‘ahu/Farrington Highway Guideway Contract;
- Perform additional pothole investigation as needed; and
- Prepare street lighting plans for station areas that are not part of the West Oahu/Farrington Highway Guideway Contract.

Structural Design

- Perform final structural analysis and design, including the preparation of Contract Documents showing structural details for all station structures (exclusive of the guideway) and architectural finishes, and artwork if provided as part of the contract;
- Coordinate with West Oahu/Farrington Highway Guideway Contract; and
- Evaluate requirements to protect adjacent buildings or existing structures that may be affected by the station construction.

Landscape Architecture

- Design and prepare final landscaping and irrigation construction documents for stations, Handi-van, bus transit center, and park-and-ride facilities; and
- Design and prepare final design and irrigation drawings for medians and curb strips along the transit corridor connecting the stations. The landscape architect will coordinate with the guideway final design consultant to identify landscape areas for design.

Mechanical Design

- Perform final mechanical calculations and design of mechanical systems and prepare Construction Documents for HVAC, plumbing and fire suppression systems.

Electrical Design

- Design and prepare construction documents for lighting, power distribution, communication, and grounding in the station area.

Construction Staging Plan

- Develop Construction Staging Plan to maximize the area available for construction, minimize traffic disruption for both vehicular and pedestrian, and maximize accessibility to adjacent properties and businesses;
- Develop maintenance of traffic plans for construction; and
- Identify permits required and responsibility.

Public Involvement

- Support the City in community meetings and workshops; and
- Provide illustrative materials such as plans, sketches, and/or models.

Sustainability

- Utilize the HHCTCP Systemwide Sustainability Report and the principles of the US Green Building Council's (USGBC) LEED Green Building Rating System guidelines throughout the station design process. Note that the station structures will not be seeking LEED certification.

Design Support During Construction

Provide design support during construction including, but not limited to:

- Shop drawing review and approval;
- Material samples / mock-up review and approval;
- Periodic inspections;
- Development of punch lists;
- Resolution of punch lists; and
- Final acceptance of finishes and preparation of as-built drawings based on mark-ups from the construction contractor(s).

Interface with other Contracts

Core Systems DBOM

- Communications and Control;
- Traction Electrification;
- Train Control and Signaling;
- Passenger Vehicle;
- Fare Vending; and
- Station Designer will design and prepare construction documents for embedded conduits and other embedded components, blockouts, structural supports and mountings, and other enclosures and finishes as needed for systems equipment.

West Oahu/ Farrington Highway Design-Build Contract

- Interface is required between the guideway Design-Build Contract and the station contract in the station areas; and
- The design of guideway superstructure, columns and foundations, station platform structure, and concourse structure within the limits of the guideway structure, roadway and temporary landscaping within the guideway right-of-way is not included in the station contract.

Elevators and Escalators

- Station Designer will incorporate Architectural Standard Plans for elevator cab and escalator cladding materials; and
- Interface is required between the station designer and elevator/escalator procurement and installation contractor.

Transit Arts Program

- The City Transit Arts Program is intended to integrate art into transit station designs during the design process rather than add artwork after the process is complete;
- The Station Designer will be required to work with the City's selected artist(s), to integrate artwork into the design of the stations and station site;
- The Station Designer will work with the Rapid Transit Division's (RTD's) Transit Arts Administrator who, in conjunction with the Mayor's Office of Culture and the Arts (MOCA), the community and art groups, will coordinate all activities related to the program, identify art opportunities, select and commission the station artist and artwork, and review construction documents related to artwork; and
- The Station Designer will work with the Transit Arts Administrator and the RTD Chief Architect during the final design process to identify art opportunities and to incorporate the artwork into the final design construction documents.

Professional Licenses

All work to be done under the supervision of architects, landscape architects and professional engineers licensed by the State of Hawaii Department of Commerce and Consumer Affairs.