

SECTION ONE

INTRODUCTION AND KEY DATES

1.01 TERMS AND ACRONYMS USED THROUGHOUT THE SOLICITATION

ASTM	= American Society for Testing and Materials
BAFO	= Best and Final Offer
Calendar Day	= See Day
CCTV	= Closed-Circuit Television
CFR	= Code of Federal Regulations
COGS	= Certificate of Good Standing
Contractor	= Any individual, partnership, firm, corporation, joint venture, or other legal entity undertaking the execution of the work under the terms of the contract with the State.
CPO	= Chief Procurement Officer
DAGS	= Department of Accounting and General Services
Day	= Any day shown on the calendar, beginning at midnight and ending at midnight the following day. If no designation of calendar or working day is made, "day" shall mean calendar day.
DLIR	= Hawaii State Department of Labor and Industrial Relations
DOT	= Department of Transportation
DOTAX	= Hawaii State Department of Taxation
GC	= General Conditions, issued by the Department of the Attorney General
GET	= General Excise Tax
HAR	= Hawaii Administrative Rules
HCE	= Hawaii Compliance Express
HDOT	= Hawaii Department of Transportation Highways Division 869 Punchbowl Street, Honolulu, Hawaii 96813
HIC	= Hawaii Information Consortium
HRS	= Hawaii Revised Statutes
HST	= Hawaii Standard Time
IFB	= Invitation for Bid
IP	= Internet Protocol
ITS	= Intelligent Transportation Systems

Major Subcontractor	= Any individual, partnership, firm, corporation, or joint venture or other legal entity, as covered in HRS Chapter 444, which enters into an agreement with the Contractor to perform a portion of the work, the value of which exceeds \$100,000.00.
MM	= Multimode
MPT	= Maintenance and Protection of Traffic
ms	= Millisecond, or one-thousandth (10^{-3}) of a second
NEMA	= National Electrical Manufacturers Association
NTP	= Notice to Proceed
OTDR	= Optical Time Domain Reflectory
Offeror	= Any individual, partnership, firm, corporation, joint venture, or representative or agent, submitting an offer in response to this solicitation.
PBX	= Private Branch Exchange
PLC	= Programmable Logic Controller
Procurement Officer	= The contracting officer for the State of Hawaii, Department of Transportation.
RFP	= Request for Proposals
RSTP	= Rapid Spanning Tree
RTV	= Room-Temperature Vulcanizing
SCADA	= Supervisory Control and Data Acquisition
SM	= Singlemode
SNMP	= Simple Network Management Protocol
State	= State of Hawaii, including each department and political subdivisions
Subcontractor	= Any individual, partnership, firm, corporation, or joint venture or other legal entity, as covered in HRS Chapter 444, which enters into an agreement with the Contractor to perform a portion of the work.
TOC	= Traffic Operations Center
μ s	= Microsecond, or one-millionth (10^{-6}) of a second
VOIP	= Voice over Internet Protocol
Working Day	= A calendar day in which a Contractor is capable of working four or more hours with its normal work force, exclusive of: <ol style="list-style-type: none"> (1) Saturdays, Sundays, and recognized legal State holidays and such other days specified by the contract documents as non-working days, (2) Day in which HDOT suspends work for four or more hours through no fault of the Contractor.

1.02 INTRODUCTION

The Hawaii Department of Transportation, Highways Division is soliciting proposals to upgrade the existing communication system for the Interstate Route H-3 Intelligent Transportation System (ITS). This request for proposals (RFP) provides interested Offerors with sufficient information to enable them to prepare and submit proposals for consideration by HDOT to satisfy a need for replacing communications equipment at fifteen (15) hub locations that provide communications links for existing ITS equipment.

Work items include, but are not limited to:

- a. Procure, install, integrate, and test communication related edge equipment at fifteen (15) hub locations within the H-3 Tunnel and along roadway approaches to the tunnel.
- b. Replace four (4) existing outdoor hub communication cabinets.
- c. Test four existing spare fibers for each of at least twenty-three (23) cable sections as per the termination tables in Exhibit A to ensure continued suitability for use.
- d. For non-operational spare fibers, terminate and splice the necessary fiber optic cables identified.
- e. Provide training for HDOT maintenance staff for new communications equipment and infrastructure.
- f. Remove and dispose of replaced equipment and cabling as specified in this RFP.

The work does not include the replacement of the ITS equipment at the various field locations (e.g. cameras, detectors, signs).

1.03 CANCELLATION

The RFP may be cancelled and any or all proposals rejected in whole or in part, without liability, when it is determined to be in the best interest of the State.

1.04 RFP SCHEDULE AND SIGNIFICANT DATES

The schedule set out herein represents the State's best estimate of the schedule that will be followed. All times indicated are Hawaii Standard Time (HST). If a component of this schedule, such as "Proposal Due" date is delayed, the rest of the schedule will likely be shifted by the same number of days. The approximate schedule is as follows:

Advertising of Request for Proposals	December 15, 2009
Pre-Proposal Conference	January 14, 2010
Deadline to Submit Written Questions	January 25, 2010
Addendum 1 – Answers to Questions	February 3, 2010
Proposals Due	February 17, 2010 2:00 p.m. (HST)
Discussions with Priority-Listed Offerors (if necessary)	March 1 – 3, 2010
Best and Final Offer (if necessary)	March 22, 2010 2:00 p.m. (HST)
Anticipated Contractor Selection	May 17, 2010
Anticipated Contract Start Date (Notice to Proceed)	September 6, 2010