

Revised Work Plan
Special Experimental Project No. 14
Hawaii Department of Transportation
Highways Division

Indefinite Delivery / Indefinite Quantity (ID/IQ) Contracting for the Installation of
Enhanced Pavement Marking and New Milled Rumble Strip; Installation and
Replacement of Signs; Installation and
Replacement of Guardrail; Installation of Pavement Surface Treatments; and
Installation of Pavement Preservation Strategies.

May 18, 2018

1. PURPOSE

The purpose of this revised work plan is to utilize ID/IQ contracting as an alternative contracting method to expand HDOT's preventive maintenance and new operational safety improvements program at various locations on State Highway system under the provisions of Special Experimental Projects No. 14 (SEP-14). With the Federal Highway Administration's (FHWA) approval of the revised work plan, HDOT expects to expedite delivery with low bid construction procurement of various federal-aid highway funded projects.

2. Current Method

HDOT typically utilizes the traditional Design-Bid-Build method for Federally funded improvement projects.

HDOT also utilizes the ID/IQ delivery method using 100% State Funds. This contracting method has allowed HDOT to quickly and efficiently implement preventive maintenance and new operational safety improvements at various locations on the State Highway system.

3. SCOPE

HDOT will advertise a maximum of four individual projects for each of the four districts (Oahu, Kauai, Maui, and Hawaii) that will cover the following work type categories at various locations on the state highway system.

- Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
- Installation and Replacement of Signs at Various Locations
- Installation and Replacement of Guardrail at Various Locations
- Installation of Pavement Preservation Strategies and Surface Treatments at Various Locations.

Depending on the needs of the respective Districts, each project may have multiple work areas. As such, in total, HDOT may procure a minimum of sixteen (16) and a maximum of up to fifty-seven (57) individual ID/IQ contracts Statewide for the aforementioned work type categories. The breakdown of the number of potential contracts for each work type category and for each of the four districts (Oahu, Kauai, Maui, and Hawaii) is listed below in Table 1.

Table 1 –

SEP 14 - Breakdown of Number of potential ID/IQ contracts for each work type category (Project) per District

Potential Number of Contracts Per District

Work Type Category (Project) Description	Hawaii District (HWY-H)	Kauai District (HWY-K)	Maui District (HWY-M)	Oahu District (HWY-O)
Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations	1	2	6	4
Installation and Replacement of Signs at Various Locations	2	2	6	4
Installation of Pavement Surface Treatments; and Pavement Preservation Strategies	4	2	6	4
Installation and Replacement of Guardrail at Various Locations	2	2	6	4

Each of the individual Work type category projects will be competitively bid as ID/IQ contracts.

Each project will be advertised by posting the Notice to Bidders (NTB) online via the Hawaii Awards and Notices Data System (HANDS). The NTB summarizes all the pertinent information needed to bid on the project such as the bid opening date, place, time, and the project’s scope of work. A pre-bid meeting will be held at least 15 calendar days before bid opening to answer any questions prospective bidders may have. Attendance sheet and meeting minutes will be issued as an addendum. Prospective bidders must submit their proposals and required forms by the specified bid opening time. After bid opening, HDOT will review all bid documents to verify bid proposal amounts, contractor licenses, percentage of work done by the contractor, DBE goal is met, contractor is neither suspended or debarred from working on federal-aid projects, and surety bid bond amounts are sufficient for the project. All bids are tabulated with any errors noted, and a copy is given to all bidders for their information and use. Prospective bidders may submit a bid for any or all the areas on the basic proposal schedule. The awarding of the contract(s) will be made to the lowest responsible bidder for each area and then the contract(s) will be executed. Typically, a result in one contract. Under HDOT’s revised work plan, a single advertised project may result in several ID/IQ contracts being awarded.

The ID/IQ solicitation will contain a master set of specifications, construction methods and typical detail drawings, traffic control requirements, pay items, method of measurement, method of payment and terms and conditions. Specific project locations, scopes of work, designs, and specific quantities will not be known at the time of letting. For each contract, HDOT work orders will be issued with a defined scope as determined by HDOT under the applicable ID/IQ contract.

All work will comply with Federal, State and local laws and permitting requirements.

Environmental permitting will not occur prior to Contract letting as specific project locations and scope of work need to be developed.

The method of measurement (e.g. linear foot, each, unit, etc.) and payment (e.g. per linear foot, each, unit, etc.) section will contain a list of construction items with estimated quantities of a typical

HDOT work order for each District. These construction items may or may not be used depending on the District's need and available funding. The specifications will state that quantities are for bidding purposes only and this is no guarantee of the quantity of work that will be issued. HDOT will advertise the project for bids. No funds will be encumbered into the subsequent ID/IQ contracts.

HDOT will be responsible for providing the HDOT work orders to the Contractor to accomplish the work.

4. DURATION

The duration of these individual ID/IQ contracts will be for one year, with options to extend in one year increments up to two additional years for a total of three years maximum. The contract may not meet maximum annual amount if funding does not become available or HDOT elects to not add work.

Each District's individual ID/IQ contract will have an annual maximum value that varies. Specific District contracts and anticipated annual maximum value for the first year of the contract are noted in attachment 1. Prior to the end of a yearly contract, HDOT will evaluate the previous year's HDOT work order totals, the planned HDOT work order totals for the upcoming year for that contract and adjust the upcoming year's anticipated annual maximum value for each of the contracts accordingly to meet HDOT needs. The final value will then be set and included in each of the one year increments up to two additional years for a total of three years maximum.

5. SCHEDULE

HDOT will be advertising 16 projects and executing 16 – 57 ID/IQ contracts over the course of the next year. The first project was advertised in April 2018 with bid opening scheduled for the end of May 2018. It is anticipated that the second project will be advertised by May 2018 subject to approval of the revised Work plan. Contract execution estimated to begin in June-July, 2018 and NTP on the first HDOT work order by July-August, 2018.

6. FINANCING

Funding for SEP-14 will be identified on the STIP and utilize appropriate federal-aid highway funds.

HDOT will work with FHWA – Hawaii Division to develop and manage a list of projects to potentially utilize the SEP-14 process and FHWA-Hawaii Division will obligate funding prior to HDOT issuing a work order.

Financing of work will be specified in each HDOT work order and will be part of the HDOT work order package issued to the Contractor.

7. SUBMITTAL REQUIREMENTS TO FHWA

HDOT will provide the FHWA-Hawaii Division with contract documents for each ID/IQ solicitation for review prior to advertising for bids.

These ID/IQ contracts and HDOT work orders may have a DBE Goal or may be designated as non-specified because work will be performed by only one Contractor and there may not be any subcontracting opportunities.

HDOT work orders must also comply with all applicable Federal Requirements (Form FHWA-1273, Davis Bacon Wage Rates, compliance with the material requirements in 23 CFR 635 subpart D, etc.).

When federal funds are utilized, FHWA will have the discretion to review and approve each HDOT work order prior to the Districts issuing the HDOT work orders to their Contractors. FHWA may require that HDOT work orders be reviewed by HDOT Office of Civil Rights to determine an appropriate DBE goal.

8. MEASURES

To ensure that the ID/IQ contracting method is meeting expectations, HDOT will analyze the following measures and will compare them to typical values for similar work efforts associated with traditional design-bid-build procurement methods:

- a. Time to complete IDIQ bid documents
- b. Time from obligation to NTP
- c. Comparison of unit bid prices
- d. Evaluation of Bidders
- e. Contractor's ability to complete each HDOT work order
- f. Quality of work delivered by Contractor.
- g. Evaluate differences between District's annual maximum value for individual IDIQ contracts.
- h. Effects of ID/IQ contracting on DBE contractors, as applicable.

9. REPORTING

A. Interim Reports

For each fiscal year the program is active, HDOT will submit interim annual reports to FHWA within 3-months after the federal fiscal year has ended. The interim annual reports will include the following:

- (1) A summary of the type of work performed during the federal fiscal year per District.
- (2) A summary of funds expended for each type of work during the federal fiscal year per District.
- (3) Comparison of ID/IQ work performed to the Design-Bid-Build process.
- (4) For each project, address the MEASURES listed above.
- (5) Interim lessons learned and recommendations for improving the IDIQ contract.
- (6) Industry and HDOT reaction to the ID/IQ process.

B. Final Report

Upon completion of the ID/IQ program, HDOT will submit a final report to FHWA within 3 months after the final project has completed. This final report will include the following:

- (1) A summary of the type of work performed for each project under the SEP-14 ID/IQ program.
- (2) A summary of funds expended under the SEP-14 ID/IQ program
- (3) Comparison of ID/IQ work performed to the Design-Bid-Build process.
- (4) For all ID/IQ projects, summarize and address the MEASURES listed above.
- (5) Lessons learned and recommendations for improving the ID/IQ contract
- (6) Industry and HDOT reaction to the ID/IQ process