Board or Committee Action Requested:

- Action/Approval
- Information
- Follow-up

Date: October 3, 2019
Title: Core Systems Support services Contract (LEA+ELLIOTT, INC.)
Staff Contact: Jeffrey Siehien
Summary:

It is recommended that the Board of Directors/Committee approve the pending Contract Change Order in the amount of $33,784,957 for the extension of the existing Lea+Elliott Core Systems Support Services contract to September 10, 2022. The original contract was for a duration of five (5) years and seven (7) months which was recently extended eighty (80) days to November 29, 2019 under Amendment #2. The established start and end dates and level-of-effort in the current contract were based on a projected HRT System’s Full Revenue Opening Date of February 2019 with the CSSS CONSULTANTS’s level of service significantly tapering off after this date and ending in September 2019.

The current contract scope was defined in eight (8) tasks, but will now be increased to eighteen (18) tasks. The original eight (8) Core Systems tasks were and will include:

- Project and Construction Management
- Review and Approval of Contract Submittals
- Design Review and Acceptance
- Interface Management Support
- Manufacturing Oversight and Factory Inspection
- Installation Oversight
- System Acceptance/Testing/Commissioning
- Contract Close-out

The ten (10) additional new tasks will include the addition of the following tasks:

- Procurement and implementation support for Backup Generators
- Procurement and implementation support for Vehicle Wi-Fi
- Procurement and implementation support for HECO related issues
- Project-wide interface/integration
- P3 Support
- Rail Activation
- Project-wide power coordination
- Project-wide track allocation support
- Interim service support for IO#1 and IO#2
Lea+Elliott’s activities to date include the oversight, delivery and installation of vehicles and Core Systems equipment for ten (10) miles of guideway, the MSF, and nine (9) stations, review and responses to over 530 RFI’s, and nearly 2,000 letters, over 7,000 submittal of designs, work plans, test procedures and test reports, and more than 1,000 submittals for interface information. Lea+Elliott has performed continuous Field Oversight of the Core Systems (CS) Contractor, investigated and resolved major issues with suppliers related to Automatic Train Control, Communications, Traction Power and Passenger Vehicles, along with processing over 60 Core Systems Change Orders. They are currently continuing activities providing engineering for the vehicle Wi-Fi, technical support with HECO and conducting power load studies, the implementation and management of the Track Allocation procedures and providing support for the P-3 procurement.

Lea+Elliott are critical in the support of HART to bring the Project to a successful completion. Lea+Elliott’s team has established close working relationships with the Project’s stakeholders and has a thorough knowledge of the Project. They continue to validate designs and close outstanding issues. Projects like Back-up Generators Onboard Wi-Fi, and HECO requirements would be impacted without Lea+Elliott’s contributions. Lea+Elliott’s design, testing/commissioning and quality oversite of the CS Contractor’s activities is critical to the safety certification completion and the system’s performance and reliability. They have consistently provided the necessary expertise to the Project’s success and delivery schedule. Lea+Elliott’s key personnel are locally mobilized to provide continued support.

This amendment will increase the Contract Sum $33,784,957 from $43,988,989 to $77,773,946. HART previously forecasted and provided the allocated budget for this Amendment. Unallocated contingency is not required to be used for this change and it is within the Project Budget of $8.165 billion. The M4 for the amount of $33,784,957 has been requested.
HART CONTRACT MODIFICATION

SUBMISSION TO THE HART PROJECT OVERSIGHT COMMITTEE FOR REVIEW

Date of Project Oversight Committee (POC) Meeting: October 3, 2019

Name of Contract: Core Systems Support Services Contract (LEA+ELLIOTT, INC.) SC-HRT-1400049

Amount of Change Request: $33,784,957.00

Checklist of documents

☐ Contract Information
☐ Description of Change and Rationale (Summary of the Change)
☒ Change Control Committee- FOM Approval (Signature Page)
☐ Change Order or Contract Amendment Approval as to Form and Legality

Prepared by:

[Signature]
Contract Change Manager

Print Name: Kona Paglinawan
<table>
<thead>
<tr>
<th>CPP No.:</th>
<th>MM962</th>
<th>Date:</th>
<th>09/5/2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract No.:</td>
<td>SC-HRT-1400027</td>
<td>RFCC/RFCR #:</td>
<td>N/A</td>
</tr>
<tr>
<td>Contract Name:</td>
<td>Core Systems Support Services Contract</td>
<td>Issue #:</td>
<td>N/A</td>
</tr>
<tr>
<td>Contractor:</td>
<td>Lea+Elliott, Inc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title of Change:</td>
<td>CSSS Contract – 3 Year Contract Extension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>This Change Is:</td>
<td>Discretionary [ ] Non-Discretionary [x]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reason for Change:</td>
<td>Owner Request [x] Design Change/Potential E&amp;O [ ] Differing Site Conditions [ ] 3rd Party - Other [ ] 3rd Party - Utility [ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Is this an In-Scope Change? (Cardinal changes are prohibited.)</td>
<td>[x] YES or [ ] NO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potential Impact to Critical Path?</td>
<td>[ ] YES or [x] NO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note: if yes, final change approval needed by mm/dd/yyyy to mitigate potential impact.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RFCs Routed via CMS to:</td>
<td>Dir. Of Quality Assurance [ ] N/A</td>
<td>Dir. Of Safety [ ] N/A</td>
<td>Dir. Of Readiness &amp; Activation [ ] N/A</td>
</tr>
<tr>
<td>Summary Log of Prior Amendments:</td>
<td>AMD 001 – Extend OH Rates to 2015, No Cost (03/09/17)</td>
<td>AMD 002 – 80 Day Extension to 11/29/19, No Cost (Pending)</td>
<td></td>
</tr>
<tr>
<td>NTP:</td>
<td>02/10/2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Original Substantial Completion Date:</td>
<td>09/10/2019 (Adjusted to November 29, 2019 with an approved 80 day extension in Contract Amendment #2).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revised Substantial Completion Date:</td>
<td>11/29/2022</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Original Contract Amount:</td>
<td>$43,988,989.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Revised Contract Amount:</td>
<td>$43,988,989.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Description of Change and Rationale:

This Request for Change (RFC) is submitted for HART's approval for a no-cost change in the form of Amendment #2 to the Core System Support Services (CSSS) Contract - SC-HRT-1400027 between Lea+Elliott, Inc. and the Honolulu Authority for Rapid Transportation (HART). The approval of this amendment will provide for continued services by the CSSS CONSULTANT, Lea+Elliott, Inc., through November 29, 2019.

Contract Change Committee (CCC)

CCC DECISION:

☑ MERIT FOUND

☐ MERIT FOUND WITH COMMENT (See Comments Below)

☐ REVISE AND RESUBMIT (See Comments Below)

☐ NO MERIT FOUND (See Reasons Provided Below)

Design & Construction

Approved By: Francis X. Kosich
Date: 09/12/19
Director of Design & Construction

Project Controls

Approved By: Nate Meddings
Date: 09/12/19
Director of Project Controls

Core Systems

Approved By: Robert Good
Date: 09/12/19
Senior Project Officer and Core Systems, Integration & P3 Project Delivery
MEMORANDUM

TO: HART STAFF

FROM: ANDREW S. ROBBINS
EXECUTIVE DIRECTOR AND CEO

SUBJECT: DELEGATION OF AUTHORITY

I hereby delegate authority to the Transit Contract Managers (Dean Matro, Cheryl Morgan, Rona Paglinawan, and Lindsey Albano) and Construction Claims Manager (David Diamon), for approval and signature on behalf of the Procurement Department, for the following documents:

- Finding of Merit (FOM)
- Negotiation Strategy Memorandum (NSM)
- Request to Exceed NSM Target
- M4 – Request for Independent Services Contract
- Contract Change Order, Amendment, and Task Order Transmittal Letters

I also hereby delegate authority to Nathaniel Meddings, Director of Project Controls, to serve as the Change Control Committee (CCC) Chairperson.

This authority shall remain in effect until such time that the Deputy Executive Director of Procurement, Contract Administration, and Construction Claims, Director of Contract Administration or Director of Construction Claims, Utility, and Third Party Contracts positions are filled.

ANDREW S. ROBBINS
Executive Director and CEO
Request Approval for Amendment 3
Contract No. SC-HRT-1400049
CORE SYSTEMS SUPPORT SERVICES CONTRACT
(LEA+ELLIOTT, INC.)

October 3, 2019
Purpose

- This change order/amendment requests an extension of the existing Lea+Elliott Core Systems Support Services contract to September 10, 2022.
- The cost is not to exceed $33,784,957 for the additional three (3) years from the end of the initial term. This is a cost-plus fixed fee contract.
- These additional funds will come out of allocated contingency budget for the contract, and the total cost of the Project without finance costs remains at $8.165 billion.
Background

- Lea+Elliott, Inc. (L+E) was awarded the Core Systems Support Services Contract on February 10, 2014, for $43,988,989.
- The contract was for five (5) years and seven (7) months and was recently extended eighty (80) days to November 29, 2019, as no-cost Amendment #2.
- The original contract scope was defined in eight (8) tasks, but will now be increased to eighteen (18) tasks.
Original Contract Scope

- The original eight (8) Core Systems tasks (which will continue) include:
  - Project and Construction Management
  - Review and Approval of Contract Submittals
  - Design Review and Acceptance
  - Interface Management Support
  - Manufacturing Oversight and Factory Inspection
  - Installation Oversight
  - System Acceptance/Testing/Commissioning
  - Contract Close-Out
New Contract Scope

- The ten (10) additional tasks include:
  - Procurement and implementation support for Backup Generators
  - Procurement and implementation support for Vehicle WiFi
  - Procurement and implementation support for HECO related issues
  - Project-wide interface/integration
  - P3 Support
  - Rail Activation
  - Project-wide power coordination
  - Project-wide track allocation support
  - Interim service support for IO#1 and IO#2
  - HART Core Systems public involvement
Lea+Elliott Services

- Lea+Elliott activities to date include:
  - Oversight of delivery and installation of vehicles and Core Systems equipment for ten (10) miles of guideway, the MSF, and nine (9) stations
  - Reviewed and responded to over 530 RFIs, and nearly 2,000 letters from and to the Core Systems (CS) Contractor
  - Reviewed and responded to over 7,000 submittals of designs, work plans, test procedures and test reports
  - Reviewed and assisted with more than 1,000 submittals for interface information
Lea+Elliott Services (cont.)

- Lea+Elliott activities to date include (cont.):
  - Performed continuous Field Oversight of the CS Contractor
  - Investigated and resolved major issues with the suppliers related to Automated Train Control, Communications, Traction Power and the Passenger Vehicles and systems (fire safety, Buy America, car-body aluminum extrusions, traction power, communications, signaling)
  - Received or initiated, and processed 60 Core Systems Change Orders
Lea+Elliott Services (cont.)

- Lea+Elliott activities to date include (cont.):
  - Provide engineering for the vehicle on-board WiFi system
  - Provide the technical coordination support with HECO and conduct power load studies
  - Implement and manage the Track Allocation Procedure
  - Provide support for the P3 procurement
HART Needs L+E’s Continued Support Services

- Lea+Elliott is critical in supporting HART to bring the Project to successful completion:
  - L+E oversight of the Core Systems Contractor’s execution is critical to the Project’s success
  - Continuity is necessary to achieve Interim Openings #1 and #2
  - L+E has established close working relationships with the Project’s stakeholders and has a thorough knowledge of the Project
HART Needs L+E’s Continued Support Services (cont.)

- HART needs L+E to continue to validate designs and close outstanding items
- On-going project design support (Onboard WiFi, HECO requirements, etc.) will be impacted without L+E’s contributions
- L+E’s design, testing/commissioning and quality oversight of the CS Contractor’s activities is critical to safety certification completion and the system’s performance and reliability
L+E has consistently provided the necessary expertise to the Project’s success and delivery schedule.

L+E’s key personnel are locally mobilized to provide on the spot support to HART with a very low turnover rate.
Requested Action

- Approve Contract Change Amendment #3 to the Lea+Elliott Core Systems Support Services Contract to September 10, 2022, for an additional amount of $33,784,957.
- HART previously forecasted and provided the allocated budget for this Amendment. Unallocated contingency is not required to be used for this change and it is within the Project Budget of $8.165 billion.
Core Systems Support Services Contract

- Original Price (w/o O&M) $43,988,989
- Previous Change Orders $0.00
- Current Contract Price $43,988,989
- This Change Order $33,784,957 (Alloc. Contingency)
- New Contract Price $77,773,946
Mahalo!