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| Contract Number 009015 | Contract Title SR 520 Montlake to Lk Washington I/C and Bridge Replacement Project | Federal Aid Number State Project |
| Change Order Number 076 | Change Description Demo of Ex. Seismic Retrofit | Date December 24, 2020 |
| Region SR 520 Program | Project Engineer <i>RLB</i> Robyn Boyd | Phone Number 206-770-3594 |
| Prime Contractor / Design-Builder Graham Contracting Ltd | | |
| <input checked="" type="checkbox"/> Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications or the RFP <input type="checkbox"/> Change proposed by Contractor / Design-Builder | | |
| Evolution & Description Of Change | | |
| This is a Headquarters executed change order. | | |
| Description & Evolution of Change: | | |
| <p>This is a WSDOT-Initiated Change in accordance with General Provisions Section 1-04.4(1) that compensates the Design-Builder for demolition and disposal of existing seismic retrofit materials on WSDOT Bridge 520/7.5 that were not identified in the original Request for Proposal (RFP) documents. The SR 520 Evergreen Point Bridge Rehabilitation (Seismic Retrofit) as-built plans for Bridge 520/7.5 were added to the Contract (Appendix A-B7) as a reference document with prior no-cost Change Order (CO) 038.</p> <p>Technical Requirements Section 2.13.4.2.1 "Comprehensive Bridge and Wall Demolition" requires the Design-Builder to remove existing Bridge No. 520/7.5 as shown in the Existing Bridge Demolition Plans (Appendix M8). As-built plans for existing bridges within the Project limits are provided in Contract Appendix A-B. However, during the procurement process, some of the as-built plans associated with the SR 520 Evergreen Point Bridge Rehabilitation Project were inadvertently omitted from Appendix A-B. The Project Engineer's Office deemed it necessary to provide these as-built drawings to GCL to be used as a reference for Bridge 520/7.5 demolition work.</p> <p>On January 31, 2020, WSDOT notified the Design-Builder, Graham Contracting Ltd (GCL), with letter MLG0120 that a no cost Owner Initiated Change (OIC) to Contract Appendix A-B7 would be issued to include additional As-Built Plan Reference Documents. CO 038, executed on May 11, 2020, was a no-cost change that added the following as-built plan reference documents to RFP Appendix A-B7:</p> <ul style="list-style-type: none"> • Second Lake Washington Bridge Unit No. 2 – East and West Approaches, Contract 6651 • SR 520 Evergreen PT Bridge 520/8 [520/7.5] Rehabilitation, Contract 5379 <p>On February 3, 2020, GCL followed up with Serial Letter W17068-057, notifying WSDOT of the additional work related to changes in demolition scope and operations on Bridge 520/7.5. GCL stated that the new as-built drawings provided on January 31, 2020 show additional seismic retrofit materials not shown elsewhere in the RFP. GCL requested a separate change order be drafted to compensate for the added cost of removing the seismic retrofit materials.</p> <p>After review of this issue, WSDOT agreed that the demolition and disposal of the seismic retrofit materials on Bridge 520/7.5 was added new work. The Seismic Retrofit as-built plans included extended end diaphragms, retrofitted (widened) pier caps, girder blocks, girder stops, and longitudinal restraints. Each of these components added concrete and reinforcement materials, which required modifications to GCL's planned construction methods for concrete cutting, hauling and disposal, and material containment and handling. These added structural elements were not easily accessible nor were they readily apparent to an observer during the proposal preparation period, particularly in the absence of drawings that would alert an observer to key differences in the superstructure of the bridge. Additionally, WSDOT determined that this issue did not fall within the description of a Differing Site Condition because it was not unknown to WSDOT. It was simply an omission from the documents and would have been priced into the work had it been made known to the Design-Builder during the proposal period.</p> <p><i>(continuation on next page "Change Record Continuation")</i></p> | | |

Distribution By:

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Region

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Change Record – Continuation
Contract 009015
Change Order No. 076
December 24, 2020

Evolution & Description of Change (continued)

On February 14, 2020, WSDOT sent GCL an OIC Request with letter reference number MLG0129, requesting a cost proposal for demolition and disposal of the existing seismic retrofit materials found on Bridge 520/7.5 as identified in the as-built plans provided with CO 038.

On February 25, 2020, WSDOT followed up with letter MLG0134, directing GCL to proceed with demolition and disposal of the existing seismic retrofit materials found on Bridge 520/7.5, pending issuance of a change order.

GCL and its Subcontractor, American Bridge (AB), evaluated various alternatives for completing the additional work in a cost-effective, efficient manner, while considering environmental impacts and constraints. GCL and AB discussed the proposed options with WSDOT to establish the best plan possible for moving forward. Once GCL determined its approach, WSDOT and GCL negotiated and mutually agreed on the cost of the added work.

This change order establishes a new pay item to compensate GCL for the added demolition and disposal of the existing seismic retrofit materials on Bridge 520/7.5. Because the Contract already calls for removal of Bridge 520/7.5 in accordance with Appendix M8, the as-built drawings, and the environmental requirements, changes to the Technical Requirements were unnecessary.

Entitlement:

In accordance with General Provisions Section 1-04.4(1), the Design –Builder is entitled to compensation for the additional cost of labor, materials and equipment as result of this change. The negotiated lump sum amount of this change order is \$1,000,000.00. The Engineer’s Independent Estimate was based on information provided by industry sources and historical cost data.

Contract Time: Additional Contract time associated with this change was deemed to have merit. However, no time will be provided with this change order. Additional Contract time attributed to this change has been accounted for within the Contract time extension provided in CO 77 “COVID Completion of Work”.

Contractor Concurrence: The Design-Builder has concurred with this change.

FHWA Participation: Not Applicable


Condition of Award (COA): This Contract does not have a COA. This change does not affect the Voluntary MSVWBE Participation Requirements.

WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION
CHANGE ORDER

DATE: 12/17/20
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CONTRACT NO: 009015 FEDERAL AID NO:
CONTRACT TITLE: SR 520, MONTLAKE TO LAKE WASHINGTON I/C AND BRIDGE
CHANGE ORDER NO: 76 DEMO OF EX. SEISMIC RETROFIT
PRIME CONTRACTOR: SW0211276 GRAHAM CONTRACTING, LTD.
13555 SE 36TH ST SUITE 120
BELLEVUE WA 98006-1442

(X) Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications
() Change proposed by Contractor

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|---|------------------|
| ENDORSED BY:  | SURETY CONSENT: |
| CONTRACTOR SIGNATURE Dec 22, 2020 | ATTORNEY IN FACT |
| DATE | DATE |

ORIGINAL CONTRACT AMOUNT: 455,349,888.00
CURRENT CONTRACT AMOUNT: 459,772,598.00
ESTIMATED NET CHANGE THIS ORDER: 1,000,000.00
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 460,772,598.00

Signature Required: (X) Project Engineer (X) State Construction Engineer
(X) Regional Administrator () Other Agency

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|--|--|
| Signature on file  | Signature on file Derek Case (Dec 24, 2020 10:30 PST) |
| PROJECT ENGINEER SIGNATURE Dec 23, 2020 | STATE CONSTRUCTION ENGINEER SIGNATURE Dec 24, 2020 |
| DATE | DATE |
| Signature on file Dave Becher (Dec 23, 2020 13:53 PST) | OTHER APPROVAL WHEN REQUIRED |
| REGIONAL ADMINISTRATOR SIGNATURE Signature on file Dave Becher (Dec 23, 2020 13:53 PST) | SIGNATURE DATE |
| DATE | REPRESENTING |

CONTRACT NO:009015

CHANGE ORDER NO: 76

All work, materials, and measurements to be in accordance with the provisions of the Standard Specifications and Special Provisions for the type of construction involved.

This contract is revised as follows:

The first paragraph above is revised to read:

All work, materials, and measurements to be in accordance with the Contract Documents for this Project. Unless specifically modified herein, all provisions in the Contract Documents shall remain in full force and effect.

DESCRIPTION:

This is a WSDOT-Initiated Change in accordance with General Provisions Section 1-04.4(1) that compensates the Design-Builder for added Work to demolish and dispose of existing seismic retrofit materials on WSDOT Bridge 520/7.5 that were not identified in the original Request for Proposal documents. Seismic retrofit as-built plans for Bridge 520/7.5 were added to the Contract (Appendix A-B7) as a reference document with a prior no-cost change order (CO 38).

GENERAL:

This change order directs a change to the Contract and compensates the Design-Builder for all costs associated with demolition and disposal of existing seismic retrofit materials on Bridge 520/7.5, as shown in the "SR 520 Evergreen PT Bridge 520/8 Rehabilitation" as-built plans (prior Contract 5379). These plans were added to Contract Appendix A-B7 (as a reference document) with CO 38.

PAYMENT:

The new lump sum item, "Demo of Ex. Seismic Retrofit", in the agreed amount of \$1,000,000.00, shall be full payment for all additional costs for equipment, labor, tools, materials, engineering, indirect, overhead, and other costs realized by the Design-Builder and its subcontractors, consultants, and suppliers.

CONTRACT TIME:

There shall be no adjustment in Contract Time as a result of this change order.

WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION
CHANGE ORDER

DATE:12/17/20
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CONTRACT NO:009015

CHANGE ORDER NO: 76

| ITEM NO | GROUP NO | STD ITEM | UNIT OF MEASURE | UNIT PRICE | EST QTY CHANGE | EST AMT CHANGE |
|---------|----------|----------|-----------------|------------|----------------|----------------|
|---------|----------|----------|-----------------|------------|----------------|----------------|

| | | | | | | |
|-------------------|-------------------------------------|--|--|------|------|------------|
| ITEM DESCRIPTION: | CO 076 DEMO OF EX. SEISMIC RETROFIT | | | | | |
| 1035 01 | L.S. | | | 0.00 | 0.00 | 570,000.00 |

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|-------------------|-------------------------------------|--|--|------|------|------------|
| ITEM DESCRIPTION: | CO 076 DEMO OF EX. SEISMIC RETROFIT | | | | | |
| 1035 02 | L.S. | | | 0.00 | 0.00 | 430,000.00 |

AMOUNT TOTAL

1,000,000.00
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