



Washington State
Department of Transportation

Memorandum

July 9, 2013

TO: J. Carpenter / M. Foster *QJM*

THRU: D. Whitehouse / W. White *W. White*

FROM: W. Smith / S. Golbek *WS*

SUBJECT: Contract 8127
I-90, Snowshed to Keechelus Dam Phase 1C – Replace Snowshed & Add Lanes
Change Order No. 49 “Add Snow Net-4.0 Meter”

Attached for your review is the Headquarters approved and executed Change Order No. 49 for the above referenced project.

Description of the Change: This change order provides full compensation for adding one new item, deleting one existing bid item and revising the quantity of 3 existing bid items. This change order also revises change order 29 special provision language by extending the snow net completion date to “October 15, 2014”.

These changes are the result of the final, Contractor submitted and WSDOT approved, “Snow Net Design Submittal” which required taller nets and an additional overall increase of 966 lineal feet of snow net be added to the contact.

Evolution of the Change: The original contract plans and provisions require the contractor to submit a snow net design to WSDOT for review and approval. Once approved by WSDOT, construction of the fences may begin. The submitted design included all the site factors and conditions for the limits of the three areas identified in the plans. The Plans provided pay items for two different heights of snow net (3.0 meter and 3.5 meter) and an estimated quantity for each based on preliminary design done during PS&E development. Through the contractors design process it was discovered that a taller net (4.0 meter) was needed for a number of rows in one of the snow net areas identified in the plans (slide curve). The final design submitted also showed that an additional 966 lineal feet of snow net, beyond original plan quantity, would be needed.

It was agreed by the Region and WSDOT Headquarters Construction Offices in concurrence with avalanche PS&E design consultants that the taller snow nets and the additional quantity were necessary to provide for a complete level of protection in accordance with the WSL Swiss Federal Institute of Snow and Avalanche Research.

It was further agreed between WSDOT and the Contactor that the added quantity and work would require additional time for installation. However, because the snow nets are not on the critical path, no additional time would need to be added to the contract. Only the milestone completion date listed in the revised special provisions would need to be extended.

Entitlement: Because this is added work and not part of the original as bid work the Contractor is entitled to compensation for it. It was agreed, with the Contractor, that additional quantities for snow nets with heights that have existing pay items would be compensated by the existing item price. The newly added 4.0 meter snow nets will be compensated by a new pay item.

Price: A price for the new 4.0 meter snow net was provided by the Contractor at WSDOT's request. Because there is no WSDOT unit bid history the price was compared to the original WSDOT engineers estimate and verified with the WSDOT Design Consultant for reasonableness. It was found to be acceptable.

Contract Time: There is no change to contract time associated with this change order.

Please contact Will Smith, at (509) 577-1840, if you have any questions.

WS: sg

Attachments: Change Order #49, Surety Consent, Checklists
cc: Change Order File

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CONTRACT NO: 008127 FEDERAL AID NO:
CONTRACT TITLE: I-90, SNOWSHED TO KEECHELUS DAM PHASE 1C - REPLACE
CHANGE ORDER NO: 49 ADD SNOW NET-4.0 METER

PRIME CONTRACTOR: XXXXXXXXXX GUY F. ATKINSON CONSTRUCTION, LLC.
707 SOUTH GRADY WAY STE 500
RENTON WA 98057-3224

Ordered by Engineer under the terms of Section 1-04.4 of the Standard Specifications

Change proposed by Contractor

BOND NO. 105659758/82206904/09032749

<p>ENDORSED BY: <i>[Signature]</i></p> <hr/> <p>CONTRACTOR</p> <p><i>June 19, 2013</i></p> <hr/> <p>DATE</p>	<p>SURETY CONSENT: TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA/FEDERAL INSURANCE COMPANY/FIDELITY AND DEPOSIT COMPANY OF MARYLAND/ZURICH AMERICAN INSURANCE COMPANY</p> <p><i>[Signature]</i></p> <hr/> <p>ATTORNEY IN FACT DIANA L. PARKER XXXXXXXXXXXXXXXXXXXX</p> <hr/> <p>JUNE 28, 2013</p> <hr/> <p>DATE</p>
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ORIGINAL CONTRACT AMOUNT: 177,144,342.66
CURRENT CONTRACT AMOUNT: 177,998,507.89
ESTIMATED NET CHANGE THIS ORDER: 2,904,600.00
ESTIMATED CONTRACT TOTAL AFTER CHANGE: 180,903,107.89

Approval Required: () Region () Olympia Service Center () Local Agency



<p><input checked="" type="checkbox"/> APPROVAL RECOMMENDED () EXECUTED</p> <p><i>[Signature]</i></p> <hr/> <p>PROJECT ENGINEER</p> <p><i>6/20/13</i></p> <hr/> <p>DATE</p>	<p>EXECUTED: <i>[Signature]</i></p> <hr/> <p>STATE CONSTRUCTION ENGINEER</p> <p><i>7/26/13</i></p> <hr/> <p>DATE</p>
<p><input checked="" type="checkbox"/> APPROVAL RECOMMENDED () EXECUTED</p> <p>REGIONAL ADMIN: <i>[Signature]</i> FOR DAN WHITEHOUSE</p> <hr/> <p>BY: W. Brian White</p> <p><i>7/22/13</i></p> <hr/> <p>DATE</p>	<p>OTHER APPROVAL WHEN REQUIRED</p> <hr/> <p>SIGNATURE _____ DATE _____</p> <hr/> <p>REPRESENTING _____</p>

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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:

DESCRIPTION:

This change order provides full compensation for adding one new item, deleting one existing bid item and revising the quantity of 3 existing bid items. These changes are the result of the final, Contractor submitted and WSDOT approved, Snow Net Design Submittal.

This change order also modifies change order 29, special provision, page 7 of 16, lines 31 and 32, by replacing the words "the end of Season 2" with "October 15, 2014".

MATERIALS REQUIREMENTS:

All materials shall meet the requirements of the Addenda Incorporated Contract Plans, and Provisions, 2010 Standard Specifications and Change Order 29.

CONSTRUCTION REQUIREMENTS:

All work shall be in accordance with the Addenda Incorporated Contract Plans and Provisions, 2010 Standard Specifications and Change Order 29.

MEASUREMENT AND PAYMENT:

Measurement and payment shall be in accordance with the Addenda Incorporated Contract Plans and Provisions, 2010 Standard Specifications and Change Order 29.

Quantity variations for items added or modified by this change order will not be eligible for price adjustment in accordance with Section 1-04.

CONTRACT TIME:

There is no change to contract time, nor are there any schedule impacts associated with this change order.

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CONTRACT NO: 008127				CHANGE ORDER NO: 49			
ITEM NO	GROUP NO	STD ITEM	ITEM DESCRIPTION	UNIT MEASURE	UNIT PRICE	EST QTY CHANGE	EST AMT CHANGE
0323	01		SNOW NET 3.0 M	L.F.	1,500.00	-329.70	-494,550.00
0324	01		SNOW NET 3.5 M	L.F.	1,500.00	-833.40	-1,250,100.00
0325	01		SNOW NET 3.0 M - LINE 7	L.F.	1,500.00	-236.20	-354,300.00
0326	01		SNOW NET 3.5 M - LINE 7	L.F.	1,500.00	424.80	637,200.00
1053	01		CO #49-SNOW NET 4.0 M	L.F.	2,250.00	1,940.60	4,366,350.00

2,904,600.00
