SNOHOMISH COUNTY DEPARTMENT OF PUBLIC WORKS	CHANGE ORDER JUSTIFICATION	CHANGE ORDER NUMBER
		5
		2/11/2022
		Page 1 of 45

PROJECT:	**Index-Galena Road Flood Repair**	**PROJECT #:**	**RC1532, RC1774, RR6322**
PROJECT ENGINEER:	**Sam Chi**	**FED AID #:**	**ER-0701(063)**

WRITTEN JUSTIFICATION

1. DESCRIPTION OF CHANGE.

This Change Order revises plan sheet details associated with Compost Amended Vegetative Filter Strip (CAVFS), gravel shoulder/ditch transitions, and guardrail at multiple locations. The following plan sheets will be replaced as part of this change order: TS01, TS02, TS03, TS05, TS06, PP06 through PP11 and MS04.

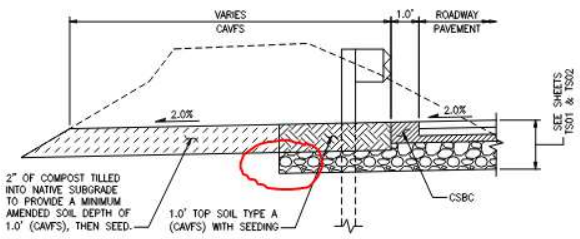
2. WHAT IS REQUIRED BY CONTRACT? WHY THE CHANGE? (REFERENCE PLAN SHEETS & SPEC SECTIONS.)

Revisions to plan sheets TS01, TS02, TS03, TS05, TS06, PP06 through PP11, and MS04 were required for multiple reasons:

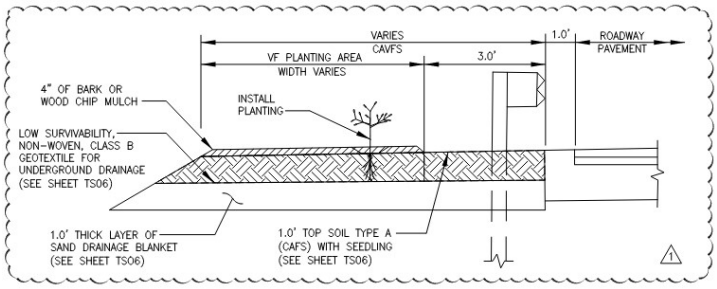
1. Plan Clarification: The plans did not provide ditch transition details where ditch alignments vary in offset from the new roadway. Providing these locations in the Plans will aid in survey layout and grading for these ditches.

2. Guardrail Constructability: Standard Plan C-22.45-05 for Beam Guardrail Type 31 Non-Flared Terminal requires embankment widening at the non-flared terminal ends, which were not accounted for in the plans. In multiple locations along the uphill side of the alignment, embankment widening is not feasible due to the steep terrain as the cut slopes would extend many feet further up the hill requiring additional clearing and ground disturbance. As an alternative, an underdrain pipe will be placed at multiple locations behind the guardrail to maintain a consistent ditch alignment while providing the needed embankment widening at these non-flared terminal ends. There are also two areas where the guardrail begins and ends with a non-flared terminal, separated by a short distance between non-flared terminals. This Change deletes four non-flared terminals and replaces them with continuous segment of Beam Guardrail Type 31 9-foot posts to eliminate the required embankment widening at these non-flared terminals.

3. Subgrade Drainage: At multiple locations where CAVFS will be constructed, the roadway section details show a step up in the subgrade. With a uniform 2% cross-slope to the left, this could potentially lead to drainage issues and compromise the integrity of the roadway pavement. Plan changes were made to improve subgrade drainage by modifying the CAVFS detail. A sand drainage blanket layer under Topsoil Type A and geotextile fabric will provide positive drainage away from the roadway base.



Existing CAVFS Detail



Revised CAVFS Detail

PROJECT: Index-Galena Road Flood Repair **PROJECT #:** RC1532, RC1774, RR6322

PROJECT ENGINEER: Sam Chi **FED AID #:** ER-0701(063)

3. HOW IS CHANGE ORDER THE SOLUTION?

A change order is required to add new bid items and revise quantities of existing items to address constructability with guardrail design and subgrade drainage concerns.

4. ALTERNATIVE(S) CONSIDERED.

Regarding guardrail constructability, one alternative was evaluated which provided the required embankment widening at the non-flared terminal ends; however, this widening resulted in extending the roadway ditch and back slope cut further up the hill. This resulted in greater ground impacts (logging, erosion control, and restoration) and costs than the current alternative.

A “do nothing” alternative was not an option to address the subgrade drainage issue.

5. REASON FOR ENTITLEMENT AND WHY IT CANNOT BE PAID UNDER EXISTING CONTRACT.

A new bid item “Sand Drainage Blanket for CAVFS” was created to compensate the Contractor for furnishing and placing the sand material specifically at CAVFS locations. Although the Contract contains an item “Sand Drainage Blanket” that is materially equivalent, the nature of placing sand at CAVFS locations is different and more expensive than simply placing it broadly under fill embankments as intended in the current Plans. The work is also done at a much later stage in the project with access constraints, differing equipment, and additional hand-work.

The guardrail change qualifies for an equitable adjustment under Section 1-04.6, increased or decreased quantities. The original plan quantity of 565 LF, multiplied by 1.25, shows that 133 LF of Beam Guardrail Type 31-9-foot post on this change order is subject to an equitable adjustment. The Contractor has provided their subcontract with the guardrail sub that indicates the actual cost for the guardrail is $17 per LF higher than the bid price. Therefore, an equitable adjustment of $2,261 was considered. Since the increase in the guardrail cost is partially offset by the deletion of the Non-Flared Terminals, we have reached agreement on an equitable adjustment of $1,016.96 for these guardrail revisions. This change reduces the Condition of Award (COA) for the DBE subcontractor Dirt and Aggregate Interchange, Inc. by $4,604.00. This reduction is to be offset using the available dollars from Bella Terra’s subcontract increase, which was revised after bid. For additional information regarding subcontract increases to Bella Terra and The Bag Lady, refer to Change Order #4.

We have reached agreement on an equitable adjustment for Temporary Seeding at $763.79. The Contractor has provided their subcontract with the seeding sub that indicates the actual cost for the temporary seeding is $1,120.40 per acre higher than the bid price. The equitable adjustment will compensate the Contractor for the 0.42 acres added by this change order and will also compensate the subcontractor for the increase material costs associated with the additional quantity of temporary seeding. The increase is due to several factors since the project was bid. This past year’s record setting high temperatures has reduced a substantial amount of the available seed crops in the region, and the cost of fuel has increased significantly since bid. We have agreed that these are circumstances beyond the control of the Contractor and that an equitable adjustment is reasonable. This change increases the Condition of Award (COA) for the DBE subcontractor Bella Terra by $1,857.96.

We do not have existing bid items for 12-inch Underdrain Pipe or Construction Geotextile for Underground Drainage and new contract items are established for these items.

The rest of the quantity changes in this change order are made at existing unit prices.

6. APPROVALS: PROJECT MANAGER, TECHNICAL ADVISOR (TRAFFIC, STRUCTURAL), JURISDICTION, OTHER AGENCY.

Standard change order approval (Construction Manager, Engineering Services Director), including WSDOT Local Agency review regarding DBE COA.

7. TIME: INCREASE OR DECREASE WORKING DAYS.

This change order adds 9 working days to the contract. We have analyzed their justification for 9 additional days and agree that the affected items are on the critical path. The request coincides with the amount of days used in preparing their Force Account method cost estimates for the three added new items and recommend that the contract be extended by 9 working days.

8. COST: ESTABLISH OR VERIFY INCREASE OR DECREASE. (CONTRACTOR PROPOSAL, ENGINEER'S ESTIMATE, NEGOTIATED, SUPPLIER, BID ITEM, ETC.)

Established unit prices for the affected items were achieved by comparing costs with the WSDOT Unit Bid Analysis Tool for similar scope of work, and against independent cost estimates. Where cost differences were notable, adjustments were made through negotiations which applied to "Underdrain Pipe 12 in. Diam" and "Sand Drainage Blanket for CAVFS" items.

ATTACHED BACKUP DOCUMENTATION:

Independent Cost Estimate, 5 pages
Goodfellow Bros. letter dated August 31, 2021, 37 pages

CAVFS Change Order 5 Cost Estimate

Owner:	Snohomish County	**Project Number:**	RC1532, RC1744, RR6322	**Date:**	8/9/21
Project Name:	Index-Galena Road Flood Repair	**Fed. Aid Number:**	ER-0701(063)	**BI No.:**	NEW

DESCRIPTION OF WORK:

Provide and Install 2048 SY of Construction Geotextile for Underground Drainage. Assume one Operator and two Laborers will complete this work in two days on straight time, 16 hours. $10,000 / 2048 = $4.88 / SY , Confirm price.

LABOR:	**Employee Class**	**Regular Hours**	**Overtime Hours**	**Regular Rate**	**Overtime Rate**	**Total**
Foreman	Operator	2		$ 89.52		$ 179.04
Operator	Operator	16		$ 82.54		$ 1,320.64
Laborer	Laborer	16		$ 60.68		$ 970.88
Operator	Laborer	16		$ 60.68		$ 970.88
						$ -
						$ -
						$ -
					SUBTOTAL	**$ 3,441.44**
			Mark-up On Labor		**31.0%**	**$ 4,508.29**

EQUIPMENT:	**Equipment Code**	**Equipment**	**Stand-by Time**	**Operating Rate**	**Stand-by Rate**	**Total**
F-150 Foreman truck		2		$ 14.77		$ 29.54
CAT 950 Loader		16		$ 83.56		$ 1,336.96
F-550 Service Truck		16		$ 26.98		$ 431.68
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
Rental by Invoice						
						$ -
						$ -
						$ -
					SUBTOTAL	**$ 1,798.18**
			Mark-up On Equipment		**21.0%**	**$ 2,175.80**

MATERIALS Tax Rate = 7.8%	**Quantity**	**Units**	**Unit Cost**	**Extended Cost**	**Sale Tax**	**Total**
Construction Geotextile by invoice	2500	SY	$ 1.00	$ 2,497.50	$ 199.80	$ 2,697.30
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	**$ 2,697.30**
			Mark-up On Materials		**21.0%**	**$ 3,263.73**

SUBCONTRACTORS:	**Quantity**	**Units**	**Unit Cost**		**Total**
					$ -
					$ -
				SUBTOTAL	
			Mark-up On Subcontractors	**12.0%**	

Comments:	**SUBTOTAL**	
	Overall Markup	
	TOTAL	**$ 9,947.82**

Estimated by: Lindberg 9/9/2021 **Project Engineer: Sam Chi** **Date**

CAVFS Change Order 5 Cost Estimate

Owner:	Snohomish County	**Project Number:**	RC1532,RC1744,RR6322	**Date:**	8/9/21
Project Name:	Index-Galena Road Flood Repair	**Fed. Aid Number:**	ER-0701(063)	**BI No.:**	NEW

DESCRIPTION OF WORK:

Provide and Install 1 foot thick section of "Sand Drainage Blanket for CAVFS." The estimated quantity is 610 Cubic Yards. It is estimated that a crew of three operators, one laborer, with a loader, offroad haul truck, and a small dozer will perform this work of approximately 2660 LF by ~6 feet wide in three days. $42,575/610 results in a per ton price of $70/Ton, Check.

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
Foreman	Operator	6		$ 89.52		$ 537.12
Operator	Operator	24		$ 82.54		$ 1,980.96
Operator	Operator	24		$ 82.54		$ 1,980.96
Operator	Operator	24		$ 82.54		$ 1,980.96
Laborer	Laborer	24		$ 60.68		$ 1,456.32
						$ -
						$ -
					SUBTOTAL	**$ 7,936.32**
				Mark-up On Labor	**31.0%**	**$ 10,396.58**

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
F-150 Foreman truck		8		$ 14.77		$ 118.16
CAT 950 Loader		24		$ 83.56		$ 2,005.44
CAT D5 Dozer		24		$ 84.26		$ 2,022.24
F-550 Service Truck		24		$ 26.98		$ 647.52
John Deere Off Road Haul Truck		24		$ 122.71		$ 2,945.04
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
Rental by Invoice						
						$ -
						$ -
						$ -
					SUBTOTAL	**$ 7,738.40**
				Mark-up On Equipment	**21.0%**	**$ 9,363.46**

MATERIALS Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
Sand Drainage Blanket, delivered	900	Ton	$ 19.40	$ 17,460.00	$ 1,396.80	$ 18,856.80
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	**$ 18,856.80**
				Mark-up On Materials	**21.0%**	**$ 22,816.73**

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
					$ -
					$ -
				SUBTOTAL	
				Mark-up On Subcontractors	**12.0%**

Comments:	**SUBTOTAL**	
	Overall Markup	
	TOTAL	**$ 42,576.77**

Estimated by: Lindberg 9/9/2021 **Project Engineer: Sam Chi** **Date**

CAVFS Change Order 5 Cost Estimate

Owner:	Snohomish County	**Project Number:**	RC1532,RC1744,RR6322	**Date:**	11/4/21
Project Name:	Index-Galena Road Flood Repair	**Fed. Aid Number:**	ER-0701(063)	**BI No.:**	NEW

DESCRIPTION OF WORK:

BI 89 Temporary Seeding Equitable Adjustment. Bella Terra's material cost increased due to fuel cost increases, and extra hot weather and wild fires affecting the production of seed. The Contractor is requesting an equitable adjustment of $763.79 which is the difference between what they would receive under the existing unit price and what Bella Terra will invoice them for.

LABOR:	**Employee Class**	**Regular Hours**	**Overtime Hours**	**Regular Rate**	**Overtime Rate**	**Total**
						$ -
						$ -
						$ -
						$ -
						$ -
					SUBTOTAL	**$ -**
				Mark-up On Labor	**31.0%**	**$ -**

EQUIPMENT:	**Equipment Code**	**Equipment Hours**	**Stand-by Time**	**Operating Rate**	**Stand-by Rate**	**Total**
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
Rental by Invoice						
						$ -
						$ -
						$ -
					SUBTOTAL	**$ -**
				Mark-up On Equipment	**21.0%**	**$ -**

MATERIALS **Tax Rate = 7.8%**	**Quantity**	**Units**	**Unit Cost**	**Extended Cost**	**Sale Tax**	**Total**
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	**$ -**
				Mark-up On Materials	**21.0%**	**$ -**

SUBCONTRACTORS:	**Quantity**	**Units**	**Unit Cost**		**Total**
Bella Terra - Temp Seeding Cost Increase	0.42	ACRE	$ 1623.70		$ 681.95
					$ -
					$ -
				SUBTOTAL	**$ 681.95**
				Mark-up On Subcontractors **12.0%**	**$ 81.83**

Comments:

BellaTerra 2022 price - $4,423.7 X 0.42acre=$1,857.95. Goodfellow Unit price of $2,800 X 0.42 acre = $1,176. Delta of $681.95.

SUBTOTAL	**$ 681.95**
Overall Markup	**$ 81.83**
TOTAL	**$ 763.79**

Estimated by: Lindberg **11/4/2021**

Project Engineer: Sam Chi **Date**

CAVFS Change Order 5 Cost Estimate

Owner:	Snohomish County	**Project Number:**	RC1532,RC1744,RR6322	**Date:**	8/8/21
Project Name:	Index-Galena Road Flood Repair	**Fed. Aid Number:**	ER-0701(063)	**BI No.:**	NEW

DESCRIPTION OF WORK:

Provide and Install 490 LF of 12 inch Underdrain Pipe. Estimate 3 days to install 490 LF of Underdrain Pipe in the Rock Lined Ditch, using two operators and two laborers, with a service truck a front end loader and a small excavator. Estimate $25,558/490LF or a Unit Price of$51/LF. Contractor has proposed $37.22, confirmed.

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
Foreman	Operator	6		$ 89.52		$ 537.12
Operator	Operator	24		$ 82.54		$ 1,980.96
Operator	Operator	24		$ 82.54		$ 1,980.96
Laborer	Laborer	24		$ 60.68		$ 1,456.32
Laborer	Laborer	24		$ 60.68		$ 1,456.32
						$ -
						$ -
					SUBTOTAL	**$ 7,411.68**
				Mark-up On Labor	**31.0%**	**$ 9,709.30**

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
F-150 Foreman truck		8		$ 14.77		$ 118.16
CAT 950 Loader		24		$ 83.56		$ 2,005.44
John 135 Excavator		24		$ 81.99		$ 1,967.76
F-550 Service Truck		24		$ 26.98		$ 647.52
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
Rental by Invoice						
						$ -
						$ -
						$ -
					SUBTOTAL	**$ 4,738.88**
				Mark-up On Equipment	**21.0%**	**$ 5,734.04**

MATERIALS Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
12 inch Underdrain Pipe	500	LF	$ 12.48	$ 6,240.00	$ 499.20	$ 6,739.20
Shipping/Delivery	1	LS	$ 1,500.00	$ 1,500.00	$ 120.00	$ 1,620.00
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	**$ 8,359.20**
				Mark-up On Materials	**21.0%**	**$ 10,114.63**

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
					$ -
					$ -
				SUBTOTAL	
				Mark-up On Subcontractors	**12.0%**

Comments:	**SUBTOTAL**	
	Overall Markup	
	TOTAL	**$ 25,557.98**

Estimated by: Lindberg 9/8/2021 **Project Engineer: Sam Chi** **Date**

Index - Galena Road Flood Repair

Change Order No. 5 CAVFS Revisions

Guardrail Items Section 1-04.6 Equitable Adjustment

Item 136 Beam Guardrail Type 31 - 9 ' Post
Original Plan Quantity: 565 LF
Change Order 4 increase: 274 LF
Revised Plan Quantity: 839 LF
565 X 1.25 = 706.25
The quantity in excess of 706 LF is entitled for an equitable adjustment, or 133 LF

Bid Price for this work is $37/LF, the Subcontract price for this work is $54/LF.

Since Goodfellow Bros. Cost to perform this work is $54/LF, there is a difference of $17 between the Bid Price and subcontract price.

$17 X 274 LF, the added quantity in this change order, an Equitable Adjustment of $4,658 could be supported.

We have agreed to an equitable adjustment of $1,016.96

Estimated 9/9/21 by DL

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

August 31, 2021

Sam Chi, Construction Project Engineer
Snohomish County Public Works
3000 Rockefeller Ave, M/S 607
Everett, WA 98201

RE: RC1532 Index-Galena Road Flood Repair – Plan Revision 4 Pricing

Dear Mr. Chi,

We are in receipt of Snohomish County Serial Letter 005 – Plan Sheet Revision #4. We are pleased to offer the following proposal for this additional work.

We propose the following new contract items and adjustment to existing contract items:

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
NEW	*Underdrain Pipe 12 Inch Diam*	*490*	*LF*	*$37.22*	*$18,237.80*
NEW	*Const Geotextile for Underground Drainage*	*2048*	*SY*	*$4.71*	*$9,646.08*
NEW	*Sand Drainage Blanket for CAVFS*	*610*	*CY*	*$71.91*	*$43,865.10*
NEW	*Bid Item 89 – Equitable Adjustment*	*1*	*LS*	*$763.79*	*$763.79*
NEW	*Bid Item 136 – Equitable Adjustment*	*1*	*LS*	~~*$5,216.96*~~	~~*$5,216.96*~~ $1,016.96
29	Quarry Spalls	90	TON	$45.00	$4,050.00
89	Temporary Seeding	0.42	ACRE	$2,800.00	$1,176.00
127	Medium Compost	(0.19)	ACRE	$17,000.00	($3,230.00)
136	Beam Guardrail Type 31 – 9' Post	274	LF	$37.00	$10,138.00
137	Beam Guardrail Non-Flared Terminal	(4)	EA	$3,800.00	(15,200.00)
	$70,463.73			~~TOTAL~~	~~$74,663.73~~

Cost proposals and corresponding backup documentation for the five new items are attached to this letter.

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

We are aware that Snohomish County proposed utilizing contract item 11 for the proposed sand drainage blanket scope of work, we cannot agree to this as the added scope of work is significantly different than that of Bid Item 11. The added quantity of sand drainage blanket is in excess of a 125% increase of the original item and the character of the work is materially different in nature than that of the original item, both of these circumstances warrant a new contract item per WSDOT standard specification 1-04.4.

The sand drainage blanket included in bid item 11 is located at the bottom elevations of retaining walls and embankments, this scope of work is completed during mass excavation which is performed with smaller crews operating larger equipment accomplishing a high rate of production, a breakdown of contract item 11 is included in this proposal for reference. Sand Drainage Blanket for CAVFS will be completed with finish subgrade operations which will include a larger labor crew, operating smaller equipment and generally achieving slower productions.

Installation of the Sand Drainage Blanket for CAVFS will be a two-step operation, with the first step being establishing subgrade and the second step being installation of the sand. Per the original design the subgrade elevation for the CAVFS was on a common plane matching the 2% cross slope of finish grade (Detail A sheet 68) or a common plane matching the Railroad Ballast subgrade (Detail B sheet 68). Therefore subgrade could have been achieved in one pass. Revised sheet 68 calls for a 0.25' elevation difference between the CAVFS subgrade and the Railroad Ballast subgrade, therefore the grades will have to be graded in separate operations. The cost of subgrading the CAVFS area has been included in the unit price of the proposed contract item.

We are requesting an equitable adjustment on Bid Item 89 as the contract unit price of $2,800.00 per acre does not cover Goodfellow Bro's subcontract cost of $3920.40 per acre. Additionally the cost of the work has increased since bid time and Bella Terra is requesting a compensation via lump sum equitable adjustment for their scope of work, see attached letter outlining material cost increases. . In lieu of creating a new item which would create additional work for submittals, certification tracking, and DBE tracking we propose the work (installation and material) remain under bid item 89, and additional compensation be made in a new lump sum item. The combined equitable adjustment for Goodfellow Bros and Bella Terra is $763.69, see attached cost breakdown.

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

Bid Item 136 is increasing by an amount in excess of 125% planned quantity, we are therefore requesting additional compensation via lump sum equitable adjustment. The contract unit price of $37.00/LF does not cover Goodfellow Bro's subcontract cost of $54.00/LF for this item. In lieu of creating a new item which would create additional work for submittals, certification tracking, and DBE tracking we propose the work (installation and material) remain under bid item 136, and compensation for the differential in cost be made in a new lump sum item. A cost breakdown is attached to this proposal.

We request a contract extension in time of 9 working days per WSDOT standard specification 1-08.8. Below is a summary of the added days based on added crew hours of the three new contract items:

ACTIVITY	DESCRIPTION	ORIGINAL DURATION	ADDITIONAL DAYS	PROPOSED DURATION
C2170	Drainage & Rough Grade Roadway	9	5	14
C2310	Finish Subgrade	8	2	10
C2330	Install Aggregate Base	8	2	10

We have attached the necessary material submittals for the new contract items, please review these material submittals as this proposal is contingent on acceptance of these material submittals. Material pricing is extremely volatile right now, all material quotes included in this proposal are good for 30 days from the date of quotation. Goodfellow Bros will need written a Notice to Proceed with Material Procurement no later than September 3rd, 2021 or the pricing in this proposal is null and void.

Please issue a contract change order in the amount of $123,580.43 and an extension in time of 9 days as compensation for the changes associated with plan revision 004.

Thank you,

Mike Jacobs

Mike Jacobs
Estimator

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

Underdrain Pipe 12 Inch Diameter – Supplemental Documents

- Cost Breakdown Proposal
- Material Quote from HD Fowler
- Underdrain QPL

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/31/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	NEW

DESCRIPTION OF WORK:

New Item - Underdrain Pipe 12 Inch Diameter. 490 LF @ 35 LF/HR = 14 Total Crew Hours. 10% Waste on the pipe rounded up to nearest whole stick. Foreman Supervisor has been reduced to 1/4 time. Wheel Loader reduced to 1/4 time to string out pipe. Combined Unit Price $37.22/LF

Directed by: **Date GBI was directed to do the work:**

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
Foreman	OP 4MAN	3.00	1.00	$87.25	$118.72	$ 380.47
Operator - Wheel Loader	OP 2	11.00	3.00	$82.54	$111.66	$ 1,242.92
Operator - 135 Excavator	OP 3	3.00	1.00	$81.91	$110.71	$ 356.44
Pipelayer	KEY PL	11.00	3.00	$72.65	$101.77	$ 1,104.46
Laborer	GEN LAB	11.00	3.00	$60.68	$83.82	$ 918.94
					SUBTOTAL	$ 4,003.23
				Mark-up On Labor	31.0%	$ 1,241.00

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
F-150 ForemanTruck	P1 309	4.00	-	$14.77	$0.00	$ 59.08
CAT 950 Wheel Loader	LO 195	4.00	-	$83.56	$0.00	$ 334.24
John Deere 135G Excavator	BH 520	14.00	-	$81.99	$0.00	$ 1,147.86
F-550 Laborer Truck with Tools	T 420	14.00	-	$22.52	$0.00	$ 315.28
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	$ 1,856.46
				Mark-up On Equipment	21.0%	$ 389.86

MATERIALS USED: Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
HD Fowler - 12" Perf Pipe	540.00	LF	$ 12.48	$ 6,739.20	$ 525.66	$ 7,264.86
HD Fowler - Freight	1.00	LS	$ 1,500.00	$ 1,500.00	$ 117.00	$ 1,617.00
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	$ 8,881.86
				Mark-up On Materials	21.0%	$ 1,865.19

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
					$ -
					$ -
					$ -
				SUBTOTAL	$ -
				Mark-up On Subcontractors 8.0%	$ -

Comments:	**SUBTOTAL**	$ 14,741.55
	Overall Markup	$ 3,496.05
	TOTAL	$ 18,237.60

Owner Representative's Signature:	**Date**	**GBI Project Manager's Signature:**	**Date**

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 13 of 45

H.D. FOWLER COMPANY

Customer: GOODFELLOW BROS LLC
Estimator: Ben Pimentel
Job Name: INDEX-GALENA 12" UNDERDRAIN
Location: INDEX,WA

Quote #: Q454889
Bid Date: 8/2/2021

Line	Qty	UoM	Description	Unit Price	Extended Price
1	540	FT	12" X 20' ADS DUAL WALL PERFORATED PIPE 12810020IB	12.48	6,739.20
2	1		FREIGHT FROM BOISE,IDAHO TO JOBSITE.	1,500.00	1,500.00
			Approximate Total		**8,239.20**

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 14 of 45

Washington State
Department of Transportation

August 2, 2021

Qualified Product List

Contractor Product Information

Contractor: Goodfellow Bros **Contract No:** RC-1532
Sub Contractor: N/A **Date:** 8/2/2021
Bid Item:
NEW

Manufacturer: ADS/Hancor, Inc. - Washougal, WA

Product Name: N-12 Pipe Plain End(Underdrain)

Standard Spec : 9-05.2(8), Pipe - Corrugated Polyethylene - Perf Underdrain Pipe (Smooth Wall) (12-in. to 60-in.)

Product Description : Perforated corrugated polyethylene underdrain pipe; AASHTO M294 Type SP, to include elbows, couplings and fittings; Smooth interior wall; Sizes shall be12-inch to 60-inch diameter: Also manufactured in Olympia, WA, Salt Lake City, UT and Madera, CA
Product Restriction :
ADS/Hancor product N-12 Plain End is also known as Hancor product Hi-Q

Acceptance Code : 3101
Code Description : Visually verify the product delivered to the job site is the product that was originally submitted by the Contractor and approved from the QPL. Note 'Restrictions' when present.

Last Updated : Dec 7, 2011

To be completed by the field inspector:

Quantity: _____ **Verified By:** _____ **Date:** _____

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 15 of 45

ADS N-12® ST IB PIPE (PER AASHTO) SPECIFICATION

Scope

This specification describes 4- through 60-inch (100 to 1500 mm) ADS N-12 ST IB pipe (per AASHTO) for use in gravity-flow land drainage applications.

Pipe Requirements

ADS N-12 ST IB pipe (per AASHTO) shall have a smooth interior and annular exterior corrugations.

- 4- through 10-inch (100 to 250 mm) pipe shall meet AASHTO M252, Type S or SP.
- 12- through 60-inch (300 to 1500 mm) pipe shall meet AASHTO M294, Type S or SP, or ASTM F2306.
- Manning's "n" value for use in design shall be 0.012.

Joint Performance

Pipe shall be joined using a bell & spigot joint meeting the requirements of AASHTO M252, AASHTO M294, or ASTM F2306. The joint shall be soil-tight and gaskets, when applicable, shall meet the requirements of ASTM F477. Gaskets shall be installed by the pipe manufacturer and covered with a removable, protective wrap to ensure the gasket is free from debris. A joint lubricant available from the manufacturer shall be used on the gasket and bell during assembly.

Fittings

Fittings shall conform to AASHTO M252, AASHTO M294, or ASTM F2306. Bell and spigot connections shall utilize a spun-on or welded bell and valley or saddle gasket meeting the soil-tight joint performance requirements of AASHTO M252, AASHTO M294, or ASTM F2306.

Material Properties

Virgin material for pipe and fitting production shall be high density polyethylene conforming with the minimum requirements of cell classification 424420C for 4- through 10-inch (100 to 250 mm) diameters, and 435400C for 12- through 60-inch (300 to 1500 mm) diameters, as defined and described in the latest version of ASTM D3350, except that carbon black content should not exceed 4%. The 12- through 60-inch (300 to 1500 mm) virgin pipe material shall comply with the notched constant ligament-stress (NCLS) test as specified in Sections 9.5 and 5.1 of AASHTO M294 and ASTM F2306, respectively.

Installation

Installation shall be in accordance with ASTM D2321 and ADS recommended installation guidelines, with the exception that minimum cover in trafficked areas for 4- through 48-inch (100 to 1200 mm) diameters shall be one foot. (0.3 m) and for 60-inch (1500 mm) diameter the minimum cover shall be 2 ft. (0.6 m) in single run applications. Backfill for minimum cover situations shall consist of Class 1 (compacted), Class 2 (minimum 90% SPD) or Class 3 (minimum 95% SPD) material. Maximum fill heights depend on embedment material and compaction level; please refer to Technical Note 2.01. Contact your local ADS representative or visit our website at www.ads-pipe.com for a copy of the latest installation guidelines.

Pipe Dimensions

	Nominal Diameter, in (mm)												
Pipe I.D. in (mm)	4 (100)	6 (150)	8 (200)	10 (250)	12 (300)	15 (375)	18 (450)	24 (600)	30 (750)	36 (900)	42 (1050)	48 (1200)	60 (1500)
Pipe O.D.* in (mm)	4.8 (122)	6.9 (175)	9.1 (231)	11.4 (290)	14.5 (368)	18 (457)	22 (559)	28 (711)	36 (914)	42 (1067)	48 (1219)	54 (1372)	67 (1702)

*Pipe O.D. values are provided for reference purposes only, values stated for 12 through 60-inch are ±1 inch. Contact a sales representative for exact values
**All diameters available with or without perforations.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 16 of 45

©ADS, Inc., February 2017

TECHNICAL NOTE

Dual Wall HDPE Perforation Patterns

TN 1.01
January 2015

Introduction

Perforated pipe plays an integral role in many applications of HDPE pipe. Generally, perforated pipe is used to accelerate the removal of subsurface water in soils or to allow storm water to percolate into the soil. Currently, two classifications of perforations are specified in the AASHTO material specifications for HDPE pipe: Class I, and Class II. The Class II perforation pattern comes standard when perforated pipe is ordered. Class One perforated pipe has limited availability. Please check with a local representative to determine availability. Both classes are explained in more detail in the AASHTO materials specifications (M294 and M252). AASHTO M252 covers pipe diameters 3- through 10-inch (75 - 250 mm) while M294 covers 12-inch through 60-inch (300 - 1500 mm).

Standard Perforation Patterns

AASHTO Class II Perforation

The following terminology for perforations is derived from the applicable AASHTO specification. Differences between the specifications are covered in the table below. Class II perforations shall be located in the outside valleys of the corrugations, be circular and/or slotted and evenly spaced around the circumference and length of the pipe. The perforations shall be located in the outside valleys of the corrugations. The water inlet area shall be no less than 0.945 in^2/ft (20 cm^2/m) for pipe diameters 4- through 10-inch (100 - 250mm), 1.42 in^2/ft (30 cm^2/m) for pipe diameters 12- through 18-inch (300 - 450 mm) and 1.89 in^2/ft (40 cm^2/m) for pipe diameters larger than and equal to 24 inches (600 mm). Table 1 below represents ADS standard perforation patterns for AASHTO Class II.

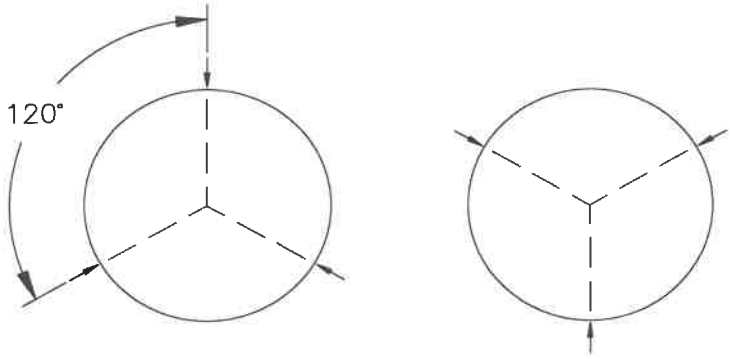
Nominal I.D.		Perforation Type	Maximum Slot Length or Diameter		Maximum Slot Width		Minimum Inlet Area	
in	mm		in	mm	in	mm	in^2/ft	cm^2/m
4	100	Slot	0.875	22	0.125	3	1.0	21
6	150	Slot	0.875	22	0.125	3	1.0	21
8	200	Slot	1.18	30	0.125	3	1.0	21
10	250	Slot	1.18	30	0.125	3	1.0	21
12	300	Circular	0.313	8	-	-	1.5	32
15	375	Circular	0.313	8	-	-	1.5	32
18	450	Circular	0.313	8	-	-	1.5	32
24	600	Circular	0.313	8	-	-	2.0	42
30	750	Circular	0.375	9.5	-	-	2.0	42
36	900	Circular	0.375	9.5	-	-	2.0	42
42	1050	Circular	0.375	9.5	-	-	2.0	42
48	1200	Circular	0.375	9.5	-	-	2.0	42
54	1350	Circular	0.375	9.5	-	-	2.0	42
60	1500	Circular	0.375	9.5	-	-	2.0	42

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 17 of 45

© ADS 2015

Figure 1
AASHTO Class II Perforation Patterns
Note: Actual pattern may vary by region, however all patterns meet the AASHTO and ASTM minimum requirements for the open inlet area.

4" – 10"
PIPE DIAMETERS



3 AT 120°

ROTATED
EVERY VALLEY

12" – 18"
PIPE DIAMETERS

** NUMBER OF HOLES AROUND CIRCUMFERENCE VARIES BASED ON DIAMETER AND REGION **

** NUMBER OF HOLES AROUND CIRCUMFERENCE VARIES BASED ON DIAMETER AND REGION **

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 18 of 45

© ADS 2015

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

Construction Geotextile for Underground Drainage – Supplemental Documents

- Cost Breakdown Proposal
- Material Quote from Northwest Linings
- Geotextile QPL

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/2/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	NEW

DESCRIPTION OF WORK:

New Item - Construction Geotextile for Underground Drainage. Establish Subgrade: 2048 SY @ 200 SY/HR = 10.2 Hours, 10 total Crew Hours. 30% Wast on Fabric rounded up to nearest whole roll. Combined Unit Price $4.40/SY

Directed by: **Date GBI was directed to do the work:**

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
Foreman	OP 4MAN	8.00	2.00	$87.25	$118.72	$ 935.44
Operator - Wheel Loader	OP 2	8.00	2.00	$82.54	$111.66	$ 883.64
Laborer	KEY	8.00	2.00	$72.65	$101.77	$ 784.74
Laborer	GEN LAB	8.00	2.00	$60.68	$83.82	$ 653.08
					SUBTOTAL	$ 3,256.90
				Mark-up On Labor	31.0%	$ 1,009.64

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
F-150 ForemanTruck	P1 309	10.00	-	$14.77	$0.00	$ 147.70
CAT 950 Wheel Loader	LO 195	10.00	-	$83.56	$0.00	$ 835.60
F-550 Laborer Truck with Tools	T 420	10.00	-	$22.52	$0.00	$ 225.20
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	$ 1,208.50
				Mark-up On Equipment	21.0%	$ 253.79

MATERIALS USED: Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
NW Linings - Propex 401 Geotextile	3,000.00	SY	$ 1.00	$ 2,997.00	$ 233.77	$ 3,230.77
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	$ 3,230.77
				Mark-up On Materials	21.0%	$ 678.46

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
					$ -
					$ -
					$ -
				SUBTOTAL	$ -
				Mark-up On Subcontractors 8.0%	$ -

Comments:		
	SUBTOTAL	**$ 7,696.17**
	Overall Markup	**$ 1,941.88**
	TOTAL	**$ 9,638.05**

Owner Representative's Signature:	**Date**	**GBI Project Manager's Signature:**	**Date**

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 20 of 45

NORTHWEST LININGS &
GEOTEXTILE PRODUCTS, Inc.
"Helping to Protect the Environment"
20824 77th Avenue South
Kent, WA 98032
(253) 872-0244 • (800) 729-6954
FAX: (253) 872-0245
www.northwestlinings.com

GEOSYNTHETIC SALES QUOTATION

Attention: Mike Jacobs @ Goodfellow Bros.
Project: Index Galena
Location: Index, WA
Quoted: 7/30/2021

Northwest Linings & Geotextile Products, Inc. is pleased to offer the following materials supply only for the above referenced project as follows:

#	Qty	Description	Size	Unit	Unit Price
	3,000 SY	Propex 601 Geotextile for underground drainage – low survivability class B	12.5' x 360' (500 SY) 15' x 300' (500 SY)	SY	$ 0.999
Note: Northwest Linings & Geotextiles can also supply incidentals such as plastic covering, sandbags, silt fence, orange fencing, and erosion blankets / staples. We are also the largest stocking supplier of geotextiles, geogrid, gabions, & geomembranes in the Northwest !					
		Quoted By: Rachel Stricker, ext.104 cell (206) 683-1517			
FOB: Job Site (nearest deliverable area)		Signature:			
Pricing valid for **14** Days		Delivery Time: 1-3 days (stock material), 1-2 weeks (other items)			

Construction Geotextile Installed and Proposed on this project meets the property requirements for low survivability, nonwoven, Class B.

TERMS & CONDITIONS

- **Materials are to be delivered in a single shipment.** Any shipment after initial delivery will incur an additional freight charge.
- If the quantity of materials ordered varies significantly from the amount quoted, pricing and freight cost may increase. Less than full orders of materials quoted may also affect pricing.
- Bid items quantities are only guideline estimates, exact quantities needed to complete project are the responsibility of your company's estimator or PM. If you do have a quantity change please make corrections on this quote and return to NWL.
- Northwest Linings can supply product submittals but it is up to the contractor to obtain proper approval prior to shipment. Project data sheets are required on all projects with a value over $2,000 prior to first shipment.
- A 30% restocking fee applies to all stock items returned in acceptable condition. Special order materials may not be returnable.
- Northwest Linings is to be paid for all materials shipped into jobsite that are ordered by your company. All invoices are due NET 30 days unless otherwise indicated. If orders are paid by credit card a 3% convenience fee will be applied.

I accept the terms and conditions of this quote:

Signed: _____ Name: _____ Title: _____

Company: _____ Email Address: _____ Date Required: _____

PO#: _____ Jobsite Contact: _____ Phone: _____

"Celebrating 46 Years of Service 1973 – 2021"

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 21 of 45

Washington State
Department of Transportation

August 2, 2021

Qualified Product List

Contractor Product Information

Contractor: Goodfellow Bros LLC **Contract No:** RC-1532
Sub Contractor: N/A **Date:** 8/2/2021
Bid Item:
NEW

Manufacturer: Propex Operating Co. LLC (Formerly Propex, Inc. - Ringgold, GA) - Chattanooga, TN

Product Name: Geotex 601

Standard Spec : 9-33.2(1), Geotextile - Underground Drainage - Tables 1 and 2

Product Description : Underground Drainage: Nonwoven fabric; Low and Moderate Survivability Class A and B
Product Restriction :

Acceptance Code : 7021
Code Description : A - Acceptance of geotextile for underground drainage in quantities greater than 100 sq. yards, and all quantities of permanent Geosynthetic Retaining Walls and Reinforced Slopes shall be based on receipt of a satisfactory test report from WSDOT Materials Laboratory indicating that the roll (or rolls) of material meets the requirements of the specifications under which it is listed. Samples shall include the listed information in 9-33.4(4). Samples must be submitted to the State Materials Laboratory a minimum of 30 days prior to use. B - Acceptance of geotextile for underground drainage in quantities less than or equal to 100 sq. yards, and all quantities of geotextile for soil stabilization, separation, permanent erosion control and prefabricated drainage mat shall be an acceptable Manufacturer's Certificate of Compliance conforming to WSDOT Standard Specification 1-06.3 with each delivery. Samples shall include the listed information in 9-33.4(4).

Last Updated : Mar 13, 2012

To be completed by the field inspector:

Quantity: _____ **Verified By:** _____ **Date:** _____

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 22 of 45

GEOTEX® Nonwoven

Product Data

GEOTEX® 601

GEOTEX® 601 is a polypropylene, staple fiber, needle-punched nonwoven geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils.

GEOTEX® 601 conforms to the property values listed below[1]. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). This product is NTPEP tested for AASHTO standards.

		MARV[2]	
PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured		100%	100%
MECHANICAL			
Grab Tensile Strength	ASTM D-4632	160 lbs	712 N
Grab Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	410 lbs	1824 N
Trapezoidal Tear	ASTM D-4533	60 lbs	267 N
ENDURANCE			
UV Resistance at 500 hrs	ASTM D-4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS)[3]	ASTM D-4751	70 US Std. Sieve	0.212 mm
Permittivity	ASTM D-4491	1.5 sec^{-1}	1.5 sec^{-1}
Water Flow Rate	ASTM D-4491	110 gpm/ft^2	4482 l/min/m^2

ROLL SIZES[4]	12.5 ft x 360 ft 15 ft x 300 ft	3.81 m x 109.8 m 4.57 m x 91.5 m

NOTES:

1. The property values listed above are effective 12/17/2018 and are subject to change without notice.
2. Values shown are in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported. Values represent testing at time of manufacture.
3. Maximum average roll value.
4. Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.

Propex GEOSOLUTIONS

ENGINEERED EARTH SOLUTIONS™

www.propexglobal.com

Propex Operating Company, LLC · 4019 Industry Drive Chattanooga, TN 37416 · ph 800 621 1273 · ph 423 855 1466

ARMORMAX®, PYRAMAT®, LANDLOK®, X3®, PYRAWALL®, SCOURLOK®, GEOTEX®, PETROMAT®, PETROTAC®, REFLECTEX®, and GRIDPRO™ are registered trademarks of Propex Operating Company, LLC.

This publication should not be construed as engineering advice. While information contained in this publication is accurate to the best of our knowledge, Propex does not warrant its accuracy or completeness. The ultimate customer and user of the products should assume sole responsibility for the final determination of the suitability of the information and the products for the contemplated and actual use. The only warranty made by Propex for its products is set forth in our product data sheets for the product, or such other written warranty as may be agreed by Propex and individual customers. Propex specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or arising from provision of samples, a course of dealing or usage of trade.

© 2019 Propex Operating Company, LLC

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

Sand Drainage Blanket for CAVFS – Supplemental Documents

- Cost Breakdown of Bid Item 11
- Cost Breakdown of New Item
- Material Quote from Cadman
- Approved RAM for Sand Drainage Blanket

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/2/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	11

DESCRIPTION OF WORK:

Cost Breakdown of Bid Item 11 - Sand Drainage Blanket. Plan Quantitt is 4,227 CY, at a production rate of 100 CY/HR there is 42 total crew hours. Combined Unit Price = $50.02/CY

Directed by: **Date GBI was directed to do the work:**

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
Foreman	OP 4MAN	34.00	8.00	$87.25	$118.72	$ 3,916.26
Operator - Off Road Truck	OP 2	34.00	8.00	$82.54	$111.66	$ 3,699.64
Operator - Wheel Loader	OP 2	34.00	8.00	$82.54	$111.66	$ 3,699.64
Operator - D6 Dozer	OP 3	34.00	8.00	$81.91	$110.71	$ 3,670.62
		-	-			
		-	-			
		-	-			
					SUBTOTAL	$ 14,986.16
				Mark-up On Labor	31.0%	$ 4,645.71

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
35 Ton Articulated Off Road Truck	XDE 598	42.00	-	$122.71	$0.00	$ 5,153.82
CAT 950 Wheel Loader	LO 195	42.00	-	$83.56	$0.00	$ 3,509.52
CAT D6 LGP Dozer	XCO 624	42.00	-	$199.65	$0.00	$ 8,385.30
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	$ 17,048.64
				Mark-up On Equipment	21.0%	$ 3,580.21

MATERIALS USED: Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
CADMAN - Sand Drainage Blanket	6,765.00	TONS	$ 19.40	$ 131,241.00	$10,236.80	$ 141,477.80
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	$ 141,477.80
				Mark-up On Materials	21.0%	$ 29,710.34

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
					$ -
					$ -
					$ -
				SUBTOTAL	$ -
				Mark-up On Subcontractors 8.0%	$ -

Comments:		
	SUBTOTAL	$ 173,512.60
	Overall Markup	$ 37,936.26
	TOTAL	$ 211,448.86

Owner Representative's Signature:	Date	GBI Project Manager's Signature:	Date

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 25 of 45

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/2/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	NEW

DESCRIPTION OF WORK:

Proposed new item - Sand Drainage Blanket for CAVSF. Establish Subgrade: 31,052 SF @ 2,500 SF/HR = 12.4 Crew Hours. Place Sand Drainage Blanket: 1,100 CY @ 50 CY/HR = 18.3 Crew Hours. 31 Total Crew Hours. Combined Unit Price $71.91/CY

Directed by: **Date GBI was directed to do the work:**

LABOR:	**Employee Class**	**Regular Hours**	**Overtime Hours**	**Regular Rate**	**Overtime Rate**	**Total**
Foreman	OP 4MAN	28.00	7.00	$87.25	$118.72	$ 3,274.04
Operator - Wheel Loader	OP 2	28.00	7.00	$82.54	$111.66	$ 3,092.74
Operator - D5 Dozer	OP 3	28.00	7.00	$81.91	$110.71	$ 3,068.45
Operator - Off Road Truck	OP 2	28.00	7.00	$82.54	$111.66	$ 3,092.74
Laborer	GEN LAB	28.00	7.00	$60.68	$83.82	$ 2,285.78
		-				
		-	-			
					SUBTOTAL	**$ 14,813.75**
				Mark-up On Labor	**31.0%**	**$ 4,592.26**

EQUIPMENT:	**Equipment Code**	**Equipment Hours**	**Stand-by Time**	**Operating Rate**	**Stand-by Rate**	**Total**
F-150 ForemanTruck	P1 309	35.00	-	$14.77	$0.00	$ 516.95
CAT 950 Wheel Loader	LO 195	35.00	-	$83.56	$0.00	$ 2,924.60
CAT D5K Dozer	XCO 624	35.00	-	$84.26	$0.00	$ 2,949.10
35 Ton Articulated Off Road Truck	XDE 598	35.00	-	$122.71	$0.00	$ 4,294.85
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	**$ 10,685.50**
				Mark-up On Equipment	**21.0%**	**$ 2,243.96**

MATERIALS USED: **Tax Rate = 7.8%**	**Quantity**	**Units**	**Unit Cost**	**Extended Cost**	**Sale Tax**	**Total**
CADMAN - Sand Drainage Blanket	1,760.00	TONS	$ 20.37	$ 35,851.20	$ 2,796.39	$ 38,647.59
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	**$ 38,647.59**
				Mark-up On Materials	**21.0%**	**$ 8,115.99**

SUBCONTRACTORS:	**Quantity**	**Units**	**Unit Cost**		**Total**
					$ -
					$ -
					$ -
				SUBTOTAL	**$ -**
				Mark-up On Subcontractors **8.0%**	**$ -**

Comments:		
	SUBTOTAL	**$ 64,146.84**
	Overall Markup	**$ 14,952.21**
	TOTAL	**$ 79,099.06**

Owner Representative's Signature:	**Date**	**GBI Project Manager's Signature:**	**Date**

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 26 of 45

CADMAN
HEIDELBERGCEMENT Group®

Quote No. CM1349

Customer:	**Goodfellow**	Customer #		Date:	**01/20/21**
Project Name:	**Index Galena Road Flood Repair**	Bid Date:		Contact:	**Estimator**
Job Address:	**Index Galena Road MP6.4**	Job Start Date:		Phone #	
	Index, 98256	Prices Escalate:	**5%** Effective: **12/31/2021, 12/31/2022. 12/31/20**		
City/County:	**Index, 98256**	Sale Type:	**PF**	Cell / Pgr#	
Map Page:		Pre.Wage:	**Yes** Taxable: **Yes/No**	Expiration:	**30 days**

Product No.	Description	B/Fill ◆ Pit No.	Price per Cubic Yard	Agg ◆ Pit No.	Base Price Per Ton	Env. Surch.	Sick Leave Surch.	Total Pick Up Per Ton	Total Delivered Solo / Ton	Total Delivered T&T / Ton
	Gold bar									
91450	Sand drainage blanket-9.03.13.(1)			11	11.55	1.50	0.25	$13.30	$25.50	$19.40

5% Escalator goes into effect on 12/31/2021, 12/312022 and 12/31/2023

◆ PIT NUMBERS ◆

REDMOND 1 ◆ HIGHROCK 2 ◆ BLACK DIAMOND 4 ◆ ISSAQUAH 5 ◆ SEATTLE 6 ◆ NORTH BEND 9 ◆ GOLD BAR 11 ◆ ENUMCLAW 12 ◆ EVERETT 13 ◆ GRANITE FALLS 14

Caryn McGoorty	425-961-7386	425-961-7390
SALES REPRESENTATIVE	***PHONE***	***FAX NUMBER***

Acceptance of quote is acceptance of Cadman's Terms and Conditions, receipt of which is acknowledged.

Cadman will not accept backcharges for material shortages that are out of our control.

All materials subject to availability. All prices based on full loads.

Quote is based on agreed products and quantities at bid time. Selective purchasing may void above pricing.

Ten minutes allowed for unloading aggregate. Seven minutes per cubic yard allowed for unloading concrete. Standby fee of $180.00 per hour is assessed beyond these limits.

Short load fee of $40.00 per cubic yard of concrete will be assessed for each yard under 9. Saturday delivery premium is $20.00 per cubic yard.

READY MIX DISPATCH (425) 961-7100 **AGGREGATE DISPATCH: (425) 961-7200**

Notes: FAILURE TO SIGN AND RETURN WITHIN 30 DAYS OF BID DATE, WILL VOID THIS QUOTE.

Confirmed by: _____

Date: _____

Purchase Order : _____

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 27 of 45

REQUEST FOR APPROVAL OF MATERIALS SOURCES

RECEIVED
APR 09 2021
Sno. Co. Materials Lab

Snohomish County Public Works

Project Number: RC1532 RAMS Number: 009 Date: 4/8/2021

Project: Index-Galena Road Flood Repair

Contractor: Goodfellow Bros. Submitted by: Mike Jacobs

See Section 1-06.1 of Std Spec. and Directions for Use for instructions				For County Use Only
Contract Bid Item		Source		
Bid Item No.	Item Description	Material or Manufacturer's Product	Name of Manufacturer or PIT Number	Acceptance Code
11	Sand Drainage Blanket	Sand Drainage Blanket	Cadman Gold Bar - Pit D351	1
20-24	Temp Work Access (Permanent Incorporation)	CSBC	Cadman Gold Bar - Pit D351	1
20-24	Temp Work Access (Permanent Incorporation)	Gravel Borrow	Cadman Gold Bar - Pit D351	1
20-24	Temp Work Access (Permanent Incorporation)	4x8 Quarry Spalls	CalPortland Cascade Quarry - Pit D290	7
68	Structural Earth Wall	Sand Drainage Blanket	Cadman Gold Bar - Pit D351	1
68	Structural Earth Wall (sub drain)	Gravel BF for Drains	Cadman Gold Bar - Pit D351	1
86	Construction Entrance	4x8 Quarry Spalls	CalPortland Cascade Quarry - Pit D290	7
162	Geosynthetic Reinforced Slope	Sand Drainage Blanket	Cadman Gold Bar - Pit D351	1
162	Geosynthetic Reinforced Slope (sub drain)	Gravel BF for Drains	Cadman Gold Bar - Pit D351	1
	Correction from RAM 001			
10	Gravel Borrow	Gravel Borrow	Cadman Gold Bar - Pit D351	1
Project Engineer		Date	Materials Engineer	Date 4/14/21

Acceptance Action Codes for use by Project Engineer and Materials Lab

1. Acceptance Criteria: Acceptance based upon 'Satisfactory' Test Report for samples of materials to be incorporated into project.
2. Acceptance Criteria: Submit Manufacturer's Certificate of Compliance for 'Approval' prior to use of material.
3. Acceptance Criteria: Submit Catalog Cuts for 'Approval' prior to use of material.
4. Acceptance Criteria: Submit Shop Drawings for 'Approval' prior to fabrication of material.
5. Acceptance Criteria: Only WSDOT 'Approved for Shipment,' 'WSDOT Inspected' or 'Fabrication Approved Decal' material shall be used.
6. Acceptance Criteria: Materials to be certified as either 100% American manufacturer or identification of foreign manufacturer and materials cost within the permissible limits for the project (see Special Provisions).
7. Source Approved:
8. Source Approved: Item on Qualified Product List
9. Approval Withheld: Submit samples for preliminary evaluation
10. Approval Withheld: Submit name of manufacturer / Pit No.
11. Approval Withheld:
12: Approval Withheld:

Remarks:

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 28 of 45

Distribution Materials Lab (original), Project Engineer, Contractor

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

Bid Item 89 Equitable Adjustment – Supplemental Documents

- Cost Breakdown of Equitable Adjustment
- Bella Terra Letter of Change Order Request
- Subcontract Agreement with Bella Terra

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/19/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	NEW

DESCRIPTION OF WORK:

Equitable Adjustments to compensate for differential pricing between Contract unit prices and the subcontract agreement of bid item 89 with Bella Terra as well as material cost increase incurred by Bella Terra since bid time.

Directed by: **Date GBI was directed to do the work:**

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
					SUBTOTAL	$ -
				Mark-up On Labor	31.0%	$ -

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	$ -
				Mark-up On Equipment	21.0%	$ -

MATERIALS USED: Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	$ -
			Mark-up On Materials		21.0%	$ -

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
Bella Terra - Material Cost Increase	0.42	AC	$ 503.30		$ 211.39
Bella Terra - Temp Seeding	0.42	AC	$ 1,120.40		$ 470.57
					$ -
				SUBTOTAL	$ 681.95
			Mark-up On Subcontractors	12.0%	$ 81.83

Comments:		
	SUBTOTAL	$ 681.95
	Overall Markup	$ 81.83
	TOTAL	$ 763.79

Owner Representative's Signature:	Date	GBI Project Manager's Signature:	Date

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 30 of 45

BELLA TERRA LLC
1342 Dike Road
Woodland, WA 98674

Date: August 18, 2021

To Mike Jacobs MikeJ@GoodfellowBros.com
Estimator/Project Manager, Goodfellow Bros.

From Rena Bellika Rena@1BellaTerra.com
Managing Member, Bella Terra, LLC

Re: Index-Galena Road Flood Repair
Snohomish County Public Works
Goodfellow Job #202758
Plan Sheet Revision #4
Guardrail, Ditch Transition and CAVFS Changes

Bella Terra, LLC has been made aware of the changes to this project's scope and the resulting impact this change has upon Bella Terra's portion of the project related to Plan Sheet Revision #4 - Guardrail, Ditch Transition and CAVFS Changes.

We do not take exception to this change and are agreeable to proceeding with the additional 0.42 acres of temporary seeding, though a price increase is unfortunately necessary. There have been substantial price increases both in the costs related to product acquisition and in consumables, especially fuel.

Bella Terra has received written notification from multiple suppliers that they have been forced to implement significant price increases partly based upon the increased fuel and transportation costs impacting all industries, but also unprecedented events impacting the individual industries. Mulch production has been negatively affected by the much higher than usual wildfire activity of the last couple of years, while the record-setting high temperatures killed a substantial amount of this year's grass seed crops. The quantity of seed available for wholesale purchase is but a small fraction of that typically available on the wholesale market and this scarcity continues to drive up the acquisition price of seed, causing a 50% increase in our pricing since earlier in the year. While our mulch pricing has not increased as significantly as our seed pricing, it has seen an increase in price of 75 cents per 50 pound bag. Unfortunately, we are seeing delays in lead times for mulch, with product delivery taking about 4 weeks longer than usual.

Bella Terra's contracted price negotiated with Goodfellow Brothers for the original 6 acres of temporary hydroseeding is $3920.40 per acre. In light of the increased costs mentioned above, we are suggesting an increased rate of $4423.70 per acre prior to the application of tax, which is an increase of $503.30 per acre. This equates to a rate of $1857.95 for the additional 0.42 acres of temporary seeding necessitated by this change, and includes an increase of $211.39. I have included the original acquisition pricing from April when we developed our bid submission, the adjusted acquisition pricing that is current as of now, and the projected costs as to where we expect our pricing will be by September of 2022 (when we are projected to actually complete the hydroseeding on this project) on the attached spreadsheet.

For the projected pricing, we have made our best anticipated projections based upon input from our suppliers, as well as economic projections published by the federal government. For the seed mixes and the mulch, the suppliers are not able to project exactly how much their typical price increases will be, though they do anticipate that in January and June of next year, their pricing will be adjusted. We have chosen to estimate that the amount of the increase in our acquisition cost between April and now will be repeated between now and next September. We suspect the 3 cents per gallon price increase that we've reflected here between now and next year is likely somewhat conservative, though it is in line with the government's fuel price projections, which we hope end up being accurate.

We also understand that since Bella Terra is a Condition of Award subcontractor related to the Disadvantaged Business Enterprise (DBE) utilization goals for this project that there may be additional documentation requirements and would be happy to facilitate their completion if necessary. If additional information is needed from us in order to facilitate this price increase, please don't hesitate to let us know.

Sincerely,

Rena Bellika
Managing Member
Rena@1BellaTerra.com

Cc: Heather Hooper Bids@1BellaTerra.com
Dennis Diteman DennisD@GoodfellowBros.com
Ron Jordan RonJ@GoodfellowBros.com

Item	Unit of Measure	Rate/Qty	April 2021		August 2021		September 2022	
			Per Unit Acquisition Cost	Per Acre Acquisition Cost	Per Unit Acquisition Cost	Per Acre Acquisition Cost	Per Unit Acquisition Cost	Per Acre Acquisition Cost
Seed Mix A, per acre	pound	76	$2.10	$159.60	$3.15	$239.40	$4.20	$319.20
Seed MIx B, per acre	pound	76	$2.45	$186.20	$3.68	$279.68	$4.90	$372.40
Seed Mix C, per acre	pound	95	$1.50	$142.50	$2.25	$213.75	$3.00	$285.00
EFM mulch at rate of 3500 lbs/acre	50 pound bag	70	$27.25	$1,907.50	$28.00	$1,960.00	$29.50	$2,065.00
diesel fuel for use on hydroseeder while in use at jobsite averages 4.25 gallons per hour with each acre being expected to take 3 hours, for a per acre diesel fuell usage rate of 12.75 gallons	gallons	12.75	$3.25	$41.44	$3.68	$46.92	$3.71	$47.30
diesel fuel for use in hydroseeder during mobilization to jobsite, a distance of 113 miles each way, with an average fuel usage rate of 3.5 miles per gallon, for a total of 65 gallons needed per mobilization. Since 6 acres was originally projected, the 65 gallons is divided by 6 acers and we end up with 11 gallons per acre of fuel needed for mobilization	gallons	11	$3.25	$35.75	$3.68	$40.48	$3.71	$40.81
equipment operator wages per acre (including required withholding)	hour	3	$80.57	$241.71	$80.57	$241.71	$80.57	$241.71
landscape laborer wages per acre (including required withholding)	hour	3	$45.25	$135.75	$45.25	$135.75	$45.25	$135.75
equipment operator wages for mobilization (including required withholding) of 5 hours each direction divided across the 6 acres	hour	1.67	$80.57	$134.55	$80.57	$134.55	$80.57	$134.55
landscape laborer wages for mobilization (including required withholding) of 5 hours travel time each direction divided across the 6 acres	hour	1.67	$45.25	$75.57	$45.25	$75.57	$45.25	$75.57
total without sales tax (calculated using seed mix B)				$2,758.47		$2,914.66		$3,113.09
acquisition cost multiplied by this factor accounts for profit and equates to bid amount/contracted rate		1.421		$3,919.78		$4,141.73		$4,423.70
Materials Tax		3.82%		$149.74		$158.21		$168.99
Total with sales tax				$4,069.52		$4,299.95		$4,592.69

CHANGE ORDER #5
2/11/2022
Justification Attachment 2

GOODFELLOW BROS.

ESTABLISHED 1921

SUBCONTRACT AGREEMENT

This Subcontract Agreement (the "Subcontract") is made this 26th day of February, 2021 and entered into between CONTRACTOR and SUBCONTRACTOR.

Contractor: **GOODFELLOW BROS. LLC**
PO Box 1419
Maple Valley, WA 98038
Telephone: 425-532-2202

- and -

Subcontractor: **BELLA TERRA, LLC**
1342 DIKE ROAD
WOODLAND, WA 98674
Telephone: 360-606-5616

CONTRACTOR, for the full, complete, and faithful performance of this Subcontract, agrees to pay SUBCONTRACTOR the Subcontract Amount as shown on Exhibit "A" attached hereto, in accordance with the provisions of the Subcontract Documents.

SUBCONTRACTOR shall furnish and perform all work as described herein for the construction of:

Index-Galena Road Flood Repair, GOODFELLOW Job # 202758-, (hereinafter referred to as the "Project"),

located at **Index, Washington,** for **Snohomish County Public Works** (hereinafter called "Owner") in accordance with the contract dated the **TBD** between Owner and Goodfellow Bros. LLC, and the general and special conditions of that contract, and in accordance with the drawings / specifications prepared by and dated as shown in Exhibit "C" attached and addendum(s) **1-6**, and in accordance with all terms and conditions of contract, including general and special conditions of contract, contained in any contract between Contractor and any upper-tier contractor, for work on the subject Project, all of which documents in their entirety are hereinafter referred to as the "Main Contract," and have been and remain available to Subcontractor.

Subcontractor agrees to be bound by the Subcontract General Conditions attached, by all laws, government regulations and orders, and by all terms and conditions of the Main Contract, to the extent of the Work herein subcontracted, which provisions are hereby incorporated by reference, and all of the terms and conditions of this Subcontract.

Payment and Performance Bond **(is not)** required for this Subcontract.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 34 of 45

The Subcontract Documents include the Exhibits listed below, if checked.

- ☒ Exhibit A: Scope of Work – Schedule of Subcontract Values
- ☒ Exhibit B: Special Provisions
- ☒ Exhibit C: Index of Drawings / Specifications (cover sheets only for reference purposes)
- ☐ Exhibit D: Insurance Requirements
- ☐ Exhibit E: State Specific Addendum
- ☐ Exhibit F: Safety Requirements
- ☐ Exhibit G: EEO / Unlawful Harassment
- ☐ Exhibit H: Project Schedule
- ☒ Exhibit I: Main Contract and Flowdowns

This Subcontract, the Subcontract General Conditions attached, and the Main Contract incorporated by reference herein, constitute the whole agreement between Contractor and Subcontractor which are incorporated into this Subcontract as if fully set forth herein. There are no terms, obligations, covenants, or conditions other than those contained or incorporated by reference herein. No modification or amendment of this Subcontract and the Subcontract General Conditions attached shall be valid and effective unless evidenced by an agreement in writing signed by Goodfellow Bros. LLC.

The Work of the Subcontractor shall include and the Subcontractor shall provide (at its sole cost and expense) all labor, materials, equipment, supervision, plant, utilities, power, technical, professional services and taxes, and shall perform all operations necessary and required to construct and complete the Work in strict accordance with the Contract Documents.

IN WITNESS WHEREOF, Contractor and Subcontractor have executed this Subcontract Agreement.

CONTRACTOR **GOODFELLOW BROS. LLC**	**SUBCONTRACTOR** **BELLA TERRA, LLC**
By: Amanda Brucato	By: Rena Bellika
Print Name: Amanda Brucato	Print Name: Rena Bellika
Its: Director of Contracting *(Authorized Representative)*	Its: Managing Member *(Authorized Representative)*
Dated: 3/5/2021	Dated: 3/4/2021
GOODFBL825PH Washington Contractor's Registration/License Number	BELLATL846MM Washington Contractor's Registration/License Number
91-0236810 Federal Tax I.D. Number	36-4807606 Federal Tax I.D. Number
604 303 536 Washington State UBI Number	603 490 510 Washington State UBI Number

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 35 of 45

Subcontract # 202758-04

EXHIBIT "A"
SCHEDULE OF SUBCONTRACT VALUES

Index-Galena Road Flood Repair

BELLA TERRA, LLC

Item	Description	Quantity	UM	Unit Price	Extended Price
1	Bid Item #89: Temporary Seeding	6	AC	$3,920.40	$23,522.40
2	Bid Item #92: PSPIPE - Acer Macrophyllum (Big Leaf Maple), 2 Gal	411	EA	$12.38	$5,088.18
3	Bid Item #93: PSIPE - Alnus Rubra (Red Alder), 2 Gal	620	EA	$11.81	$7,322.20
4	Bid Item #94: PSIPE - Amelanchier Alnifolia (Serviceberry) , 2 Gal	278	EA	$22.00	$6,116.00
5	Bid Item #95: PSIPE - Frangula Purshiana (Cascara), 2 Gal	246	EA	$11.81	$2,905.26
6	Bid Item #96: PSIPE - Populus Balsamifera SSP Trichocarpa (Black Cottonwood), 2 Gal	213	EA	$11.81	$2,515.53
7	Bid Item #97: PSIPW - Pseudotsuga Menziesii (Douglas Fir), 2 Gal	1,258	EA	$11.81	$14,856.98
8	Bid Item #98: PSIPE -Salix Lasiandra (Pacific Willow), 2 Gal	15	EA	$11.82	$ 177.30
9	Bid Item #99: PSIPE - Taxus Brevifolia (Pacific Yew), 2 Gal	2	EA	$28.19	$ 56.38
10	Bid Item #100: PSIPE - Thuja Plicata (Western Red Cedar), 2 Gal	1,171	EA	$11.81	$13,829.51
11	Bid Item #101: PSIPE - Tsuga Heterophylla (Western Hemlock), 2 Gal	454	EA	$12.38	$5,620.52
12	Bid Item #102: PSIPE - Acer Circinatum (Vine Maple), Plug	5,038	EA	$4.16	$20,958.08
13	Bid Item #103: PSIPE - Gaultheria Shallon (Salal), Plug	764	EA	$3.94	$3,010.16
14	Bid Item #104: PSIPE - Cemlaria Cerasiformus (Indian Plum), Plug	3,166	EA	$3.94	$12,474.04
15	Bid Item #105: PSIPE - Ribes Bracteosum (Stink Currant), Plug	2,328	EA	$4.50	$10,476.00
16	Bid Item #106: PSIPE - Rubus Parviflorus (Thimbleberry), Plug	9,596	EA	$3.83	$36,752.68
17	Bid Item #107: PSIPE - Rubus Spectabilis (Salmonberry), Plug	7,548	EA	$3.83	$28,908.84
18	Bid Item #108: PSIPE - Rubus Ursinus (California Blackberry), Plug	255	EA	$3.83	$ 976.65
19	Bid Item #109: PSIPE - Sambucus Racemosa (Red Elderberry), Plug	6,830	EA	$3.94	$26,910.20
20	Bid Item #110: PSIPE - Vaccinium Alaskense (Alaska Blueberry), Plug	51	EA	$12.38	$ 631.38
21	Bid Item #111: PSIPE - Vaccinium Parvifolium (Red Huckleberry), Plug	305	EA	$3.83	$1,168.15

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 36 of 45

22	Bid Item #112: PSIPE - Acer Circinatum (Vine Maple), 2 Gal	740	EA	$12.38	$9,161.20
23	Bid Item #113: PSIPE - Cornus Sericea (Redosier Dogwood), 2 Gal	352	EA	$11.81	$4,157.12
24	Bid Item #114: PSIPE - Malus Fusca (Oregon Crab Apple), 2 Gal	135	EA	$12.38	$1,671.30
25	Bid Item #115: PSIPE - Cemlaria Cerasiformus (Indian Plum), 2 Gal	388	EA	$11.81	$4,582.28
26	Bid Item #116: PSIPE - Ribes Bracteosum (Stink Currant), 2 Gal	130	EA	$11.81	$1,535.30
27	Bid Item #117: PSIPE - Rubus Parviflorus (Thimbleberry), 2 Gal	857	EA	$11.81	$10,121.17
28	Bid Item #118: PSIPE - Rubus Spectablis (Salmonberry), 2 Gal	971	EA	$11.81	$11,467.51
29	Bid Item #119: PSIPE - Rubus Ursinus (California Blackberry), 2 Gal	31	EA	$11.82	$ 366.42
30	Bid Item #120: PSIPE - Sambucus Racemosa (Red Elderberry), 2 Gal	527	EA	$11.81	$6,223.87
31	Bid Item #121: PSIPE - Vaccinium Parvifolium (Red Huckleberry), 2 Gal	54	EA	$11.81	$ 637.74
32	Bid Item #122: PSIPE - Cornus Sericea (Redosier Dogwood), Live Stake	6,816	EA	$1.53	$10,428.48
33	Bid Item #123: PSIPE - Salix Lasiandra (Pacific Willow), Live Stake	635	EA	$2.04	$1,295.40
34	Bid Item #124: PSIPE - Athyrium Filix-Femina (Common Lady Fern), 1 Gal	24	EA	$8.44	$ 202.56
35	Bid Item #125: PSIPE - Polystichum Munitum (Sword Fern), Plug	2,755	EA	$8.44	$23,252.20
36	Bid Item #126: PSIPE - Polystichum Munitum (Sword Fern), 2 Gal	78	EA	$12.38	$ 965.64
37	Bid Item #133: Fireweed Seeding	1,900	SY	$3.23	$6,137.00
38	Materials Tax		LS		$12,097.91

Retention: 5%

ESTIMATED SUBCONTRACT AMOUNT $328,579.54

PRICE INCLUDES ALL APPLICABLE TAX

INITIALED AND DATED:

Contractor: Amanda Brucato 3/5/2021

Subcontractor: Penn Bellikn 3/4/2021

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 37 of 45

1921 2021

GOODFELLOW BROS.

100 YEARS OF SERVICE

Bid Item 136 Equitable Adjustment – Supplemental Documents

- Cost Breakdown of Equitable Adjustment
- Subcontract Agreement with Dirt & Aggregate Exchange

Goodfellow Bros.
P.O. Box 1419, Maple Valley, WA 98038
22035 SE Wax Rd., Ste. 14, Maple Valley, WA 98038
P.O. Box 598, Wenatchee, WA 98807
Phone 425.432.2202 | Fax 425.432.1555
CL# GOODFBL825PH | Equal Opportunity Employer

GOODFELLOWBROS.COM

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/2/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	NEW

DESCRIPTION OF WORK:

Equitable Adjustments to compensate for differential pricing between Contract unit prices and the subcontract agreement of bid item 136 with Dirt & Aggregate Exchange.

Directed by: **Date GBI was directed to do the work:**

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
					SUBTOTAL	$ -
				Mark-up On Labor	31.0%	$ -

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	$ -
				Mark-up On Equipment	21.0%	$ -

MATERIALS USED: Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	$ -
				Mark-up On Materials	21.0%	$ -

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
Dirt & Aggregate - Non Flared Terminal	(4.00)	EA	$ 1,050.00		$ (4,200.00)
					$ -
					$ -
				SUBTOTAL	$ (4,200.00)
			Mark-up On Subcontractors	0.0%	$ -

Comments:		
	SUBTOTAL	$ (4,200.00)
	Overall Markup	$ -
	TOTAL	$ (4,200.00)

Owner Representative's Signature:	Date	GBI Project Manager's Signature:	Date

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 39 of 45

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/2/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	NEW

DESCRIPTION OF WORK:

Equitable Adjustments to compensate for differential pricing between Contract unit prices and the subcontract agreement of bid item 136 with Dirt & Aggregate Exchange.

Directed by: **Date GBI was directed to do the work:**

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
					SUBTOTAL	$ -
				Mark-up On Labor	31.0%	$ -

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	$ -
				Mark-up On Equipment	21.0%	$ -

MATERIALS USED: Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	$ -
				Mark-up On Materials	21.0%	$ -

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
Dirt & Aggregate - Non Flared Terminal	(4.00)	EA	$ 1,050.00		$ (4,200.00)
					$ -
					$ -
				SUBTOTAL	$ (4,200.00)
			Mark-up On Subcontractors	0.0%	$ -

Comments:		
	SUBTOTAL	$ (4,200.00)
	Overall Markup	$ -
	TOTAL	$ (4,200.00)

Owner Representative's Signature:	Date	GBI Project Manager's Signature:	Date

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 40 of 45

GOODFELLOW BROS. INC.
ESTABLISHED 1921

P.O. Box 1419
Maple Valley, WA 98038
425-432-2202

Goodfellow Bros., Inc. - Extra Work Order

Customer Name:	Snohomish County	**GBI Project Number:**	202758	**Date:**	8/2/21
Project Name:	Index-Galena Road Flood Repair	**Cost Code for this FA:**	N/A	**BI No.:**	NEW

DESCRIPTION OF WORK:

Equitable Adjustments to compensate for differential pricing between Contract unit prices and the subcontract agreement of bid item 136 with Dirt & Aggregate Exchange.

Directed by: **Date GBI was directed to do the work:**

LABOR:	Employee Class	Regular Hours	Overtime Hours	Regular Rate	Overtime Rate	Total
					SUBTOTAL	$ -
				Mark-up On Labor	31.0%	$ -

EQUIPMENT:	Equipment Code	Equipment Hours	Stand-by Time	Operating Rate	Stand-by Rate	Total
Outside Rental Equip.(Rates based on minimum daily or weekly charge):						
						$ -
						$ -
						$ -
					SUBTOTAL	$ -
				Mark-up On Equipment	21.0%	$ -

MATERIALS USED: Tax Rate = 7.8%	Quantity	Units	Unit Cost	Extended Cost	Sale Tax	Total
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
				$ -	$ -	$ -
					SUBTOTAL	$ -
				Mark-up On Materials	21.0%	$ -

SUBCONTRACTORS:	Quantity	Units	Unit Cost		Total
Dirt & Aggregate - Beam Guardrail Type 31 - 9'	274.00	LF	$ 17.00		$ 4,658.00
					$ -
					$ -
				SUBTOTAL	$ 4,658.00
				Mark-up On Subcontractors 12.0%	$ 558.96

Comments:		
	SUBTOTAL	$ 4,658.00
	Overall Markup	$ 558.96
	TOTAL	$ 5,216.96

Owner Representative's Signature:	Date	GBI Project Manager's Signature:	Date

Goodfellow Bros., Inc. will attempt to get owner's representative's signature, but non-signature does not relieve responsible party from payment.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 41 of 45

DocuSign Envelope ID: 9CBA4AAA-2CAB-469E-82AF-EACC1601C8A9

GOODFELLOW BROS.

ESTABLISHED 1921

SUBCONTRACT AGREEMENT

This Subcontract Agreement (the "Subcontract") is made this 9th day of March, 2021 and entered into between CONTRACTOR and SUBCONTRACTOR.

Contractor: **GOODFELLOW BROS. LLC**
PO Box 1419
Maple Valley, WA 98038
Telephone: 425-532-2202

- and -

Subcontractor: **DIRT AND AGGREGATE INTERCHANGE, INC**
20905 NE SANDY BOULEVARD
FAIRVIEW, OR 97024-7785
Telephone: 503-661-5093

CONTRACTOR, for the full, complete, and faithful performance of this Subcontract, agrees to pay SUBCONTRACTOR the Subcontract Amount as shown on Exhibit "A" attached hereto, in accordance with the provisions of the Subcontract Documents.

SUBCONTRACTOR shall furnish and perform all work as described herein for the construction of:

Index-Galena Road Flood Repair, GOODFELLOW Job # 202758-, (hereinafter referred to as the "Project"),

located at **Index, Washington,** for **Snohomish County Public Works** (hereinafter called "Owner") in accordance with the contract dated the **TBD** between Owner and Goodfellow Bros. LLC, and the general and special conditions of that contract, and in accordance with the drawings / specifications prepared by and dated as shown in Exhibit "C" attached and addendum(s) 1,2,3,4,5,6, and in accordance with all terms and conditions of contract, including general and special conditions of contract, contained in any contract between Contractor and any upper-tier contractor, for work on the subject Project, all of which documents in their entirety are hereinafter referred to as the "Main Contract," and have been and remain available to Subcontractor.

Subcontractor agrees to be bound by the Subcontract General Conditions attached, by all laws, government regulations and orders, and by all terms and conditions of the Main Contract, to the extent of the Work herein subcontracted, which provisions are hereby incorporated by reference, and all of the terms and conditions of this Subcontract.

Payment and Performance Bond **(is not)** required for this Subcontract.

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 42 of 45

The Subcontract Documents include the Exhibits listed below, if checked.

- ☒ Exhibit A: Scope of Work – Schedule of Subcontract Values
- ☒ Exhibit B: Special Provisions
- ☒ Exhibit C: Index of Drawings / Specifications (cover sheets only for reference purposes)
- ☐ Exhibit D: Insurance Requirements
- ☐ Exhibit E: State Specific Addendum
- ☐ Exhibit F: Safety Requirements
- ☐ Exhibit G: EEO / Unlawful Harassment
- ☐ Exhibit H: Project Schedule
- ☒ Exhibit I: Main Contract and Flowdowns

This Subcontract, the Subcontract General Conditions attached, and the Main Contract incorporated by reference herein, constitute the whole agreement between Contractor and Subcontractor which are incorporated into this Subcontract as if fully set forth herein. There are no terms, obligations, covenants, or conditions other than those contained or incorporated by reference herein. No modification or amendment of this Subcontract and the Subcontract General Conditions attached shall be valid and effective unless evidenced by an agreement in writing signed by Goodfellow Bros. LLC.

The Work of the Subcontractor shall include and the Subcontractor shall provide (at its sole cost and expense) all labor, materials, equipment, supervision, plant, utilities, power, technical, professional services and taxes, and shall perform all operations necessary and required to construct and complete the Work in strict accordance with the Contract Documents.

IN WITNESS WHEREOF, Contractor and Subcontractor have executed this Subcontract Agreement.

CONTRACTOR

GOODFELLOW BROS. LLC

By: Amanda Brucato

Print Name: Amanda Brucato

Its: Director of Contracting

(Authorized Representative)

Dated: 3/31/2021

GOODFBL825PH

Washington Contractor's Registration/License Number

91-0236810

Federal Tax I.D. Number

604 303 536

Washington State UBI Number

SUBCONTRACTOR

DIRT AND AGGREGATE INTERCHANGE, INC

By: Henry H. Pelfrey

Print Name: Henry H. Pelfrey

Its: President

(Authorized Representative)

Dated: 3/30/2021

DIRTAII192NP

Washington Contractor's Registration/License Number

93-0659774

Federal Tax I.D. Number

600 365 996

Washington State UBI Number

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 43 of 45

Subcontract # 202758-05

EXHIBIT "A"
SCHEDULE OF SUBCONTRACT VALUES

Index-Galena Road Flood Repair

DIRT AND AGGREGATE INTERCHANGE, INC

Item	Description	Quantity	UM	Unit Price	Extended Price
1	Bid Item #1: Mobilization	1	EA	$4,500.00	$4,500.00
2	Bid Item #134: Beam Guardrail Type 31	4,015	LF	$44.00	$176,660.00
3	Bid Item #135: Bean Guardrail Transition Section Type 21	4	EA	$5,750.00	$23,000.00
4	Bid Item #136: Beam Guardrail Type 31 - 9 FT Long Post	565	LF	$54.00	$30,510.00
5	Bid Item #137: Beam Guardrail Type 31 Non-Flared Terminal	13	EA	$4,850.00	$63,050.00
6	Bid Item #138: Beam Guardrail Anchor Type 10	1	EA	$1,180.00	$1,180.00
7	Bid Item #146: Guardrail BCVF	300	LF	$85.00	$25,500.00

Retention: 5%

ESTIMATED SUBCONTRACT AMOUNT $324,400.00

PRICE INCLUDES ALL APPLICABLE TAX

INITIALED AND DATED:

Contractor: Amanda Brucato 3/31/2021

Subcontractor: Henry H. Pelfrey 3/30/2021

CHANGE ORDER #5
2/11/2022
Justification Attachment 2
Page 44 of 45

Hi Bill,

Attached is plan revision 4 from Snohomish County, this plan change creates a minor net decrease to your scope of work.

Please review the documents and let me know if it is acceptable to proceed at the contract unit price, or if you would like to renegotiate.

As your firm is a Condition of Award subcontractor there may be some additional paperwork in that regard. Since the owner initiated this change it is their call if they will make any DBE goal adjustments.

Thanks!

Mike Jacobs
Estimator / Project Manager

Celebrating a Century of Service as the Contractor of Choice
Goodfellow Bros.
135 N. Wenatchee Ave.
Wenatchee, WA 98801
O 509.662.7111 | M 509.679.0035 | F 509.662.2621
www.goodfellowbros.com
Equal Opportunity Employer

Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

This email has been scanned for viruses and malware, and may have been automatically archived by **Mimecast Ltd**, an innovator in Software as a Service (SaaS) for business. Providing a **safer** and **more useful** place for your human generated data. Specializing in; Security, archiving and compliance. To find out more Click Here.

Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

This email has been scanned for viruses and malware, and may have been automatically archived by **Mimecast Ltd**, an innovator in Software as a Service (SaaS) for business. Providing a **safer** and **more useful** place for your human generated data. Specializing in; Security, archiving and compliance. To find out more Click Here.

Disclaimer