

PROJECT NO. 04830-0103
GATEWAY PROGRAM
SOUTH FRASER PERIMETER ROAD
80th STREET TO HIGHWAY 91
PRELOAD AND DRAINAGE CONSTRUCTION

ADDENDUM NO. 4

1. SCHEDULE 3 – SCHEDULE OF SPECIAL PROVISIONS AND APPENDICES

1.21 Protection of the Environment

e) Environmental Permitting

Remove and replace with

The Ministry will be responsible for obtaining the following permits:

- Ministry of Environment, *Water Act* Notifications for watercourses included, but not limited, to those identified in Table 1.21-1 (SP 1.21f).
- Fisheries and Oceans Canada, *Fisheries Act* Authorization; and

The Contractor shall be responsible for obtaining any other necessary approvals or permits including, but not limited to:

- Fisheries and Oceans Canada, Fish Salvage Permit; and
- applicable fish and wildlife salvage, and any additionally required nest removal permits from the Ministry of Environment (*Wildlife Act*).
- supplemental Corporation of Delta environmental bylaw permits.

The Contractor shall be responsible for notifying the Ministry Representative and SFPR Environmental Manager at least 10 (ten) working days prior to the commencement of any activity within fish habitat sensitive area(s) of any designated streams, as defined in SP 1.21-1 f).

The following are regulatory agency contacts:

MINISTRY OF ENVIRONMENT, ENVIRONMENTAL STEWARDSHIP DIVISION
 Joanna Hirner, Ecosystems Biologist
 2nd Floor, 10470 – 152nd Street
 Surrey, BC V3R 0Y3
 604-582-5283

FEDERAL FISHERIES AND OCEANS CANADA
 Michael Englesjord, Habitat Biologist
 Unit 3, 100 Annacis Parkway
 Delta, BC V3M 6A2
 (604) 666-2365

f) Designated Fisheries Sensitive Areas and Fishery Timing Windows

Remove Table 1.21-1 and replace with the following table 1.21-1

Table 1.21-1
 Designated fish habitat sensitive areas and associated fishery timing windows within the Project area

Location (Approx. Sta.)	Location	Watercourse	Colour Code	Fishery Timing Window+		Riparian Leave Strip Width (m)*
				Start	Finish	
225+87	30m East of Preload Area 3	96 Street Ditch	Red	Aug 16	Feb 28	30
105+10 to 106+20	Preload Area 5	Wetland Swale	Yellow	Aug 16	Apr 30	5
105+10 to 106+10	Preload Area 5	Unnamed tributary to 96 Street Ditch	Yellow	Aug 16	Apr 30	15
+ DFO may extend work window, and/or reduce Riparian Leave Strip, based on condition of fish habitat present prior to Works. * Width is considered to be identical to both watercourse banks, unless indicated as left (L) or right (R) bank looking downstream Refer to Drawing R1-553-003 for Stationing.						

1.34 Wind Fencing

Replace paragraph 2 with the following

Payment for Wind Fence will be made at the unit price bid per meter for the supply, installation and maintenance of the fences.

Appendix/Appendices

Appendix – Availability of Site or Right-of-Way

Remove and replace with the following table

APPENDIX

Availability of Site or RoW – SFPR 80th Street to Highway 91

PID	Preload Area	Lot	Plan	Anticipated Possession Date
011-170-611	1	REM 8	5813	April 30, 2009
011-170-522	1	REM 7	5813	April 30, 2009
016-592-166	3	1	87049	March 31, 2009
011-929-391	3	REM 14	852	March 31, 2009
011-929-421	3	REM 15	852	March 31, 2009
011-929-448	3	REM 16	852	April 30, 2009
001-209-019	3	REM 17	852	April 30, 2009
000-915-190	3	REM 18	852	April 30, 2009
000-915-203	3	REM 19	852	April 30, 2009
000-915-238	3	REM 20	852	April 30, 2009
000-915-246	3	REM 21	852	April 30, 2009
000-915-254	3	REM 22	852	April 30, 2009
000-642-495	2	REM W113.8 ft OF 3	826	April 30, 2009
000-915-025	6	4	1180	March 1, 2009
010-340-777	6	REM 5	1180	March 1, 2009

2. **SCHEDULE 7 – SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICES**

Item # 01.05 Pacific Western Shrew Salvage
Replace Approx Quantity of 12 with 6

Add Item # 02.06.07 Vibration Monitoring Each 10

A REVISED SCHEDULE 7, DATED FEBRUARY 2, 2009, AND MARKED 'REVISION B' IS ATTACHED AND MUST BE USED FOR TENDER PURPOSES.

SCHEDULE OF APPROXIMATE QUANTITIES AND UNIT PRICES

Project No: 04830-0103
 Project Name: GATEWAY PROGRAM - SOUTH FRASER PERIMETER ROAD, 80th STREET TO HIGHWAY 91:
 PRELOAD AND DRAINAGE CONSTRUCTION

Item#	Description of Work	Unit of Measure	Approx Quantity	Unit Price	Extended Amount
01	SECTION 1 - GENERAL				
01.01	Mobilization	L.S.	100%	L.S.	\$ _____
01.02	Traffic Management	L.S.	100%	L.S.	\$ _____
01.03	Quality Management	L.S.	100%	L.S.	\$ _____
01.04	Environmental Management	L.S.	100%	L.S.	\$ _____
01.05	Pacific Western Shrew Salvage	Hectare	6	\$ _____	\$ _____
01.06	Type C Site Office	L.S.	100%	L.S.	\$ _____
01.07	Site Modifications S.P. 1.32	P.S.	\$570,000.00	P.S.	\$570,000.00
01.08	Wind Fence	Metre	1,300	\$ _____	\$ _____
02	SECTION 2 - SITE PREPARATION, GRADING AND DRAINAGE				
02.01	Clearing				
02.01.01	Close Cut Clearing (Preload Areas)	Hectare	8.70	\$ _____	\$ _____
02.01.02	Close Cut Clearing (Mitigation Berms)	Hectare	1.50	\$ _____	\$ _____
02.02	Preload Areas Woven Geotextile	Square Metre	81,860	\$ _____	\$ _____
02.03	Mitigation Berm Geosynthetic Materials				
02.03.01	Geomembrane	Square Metre	6,180	\$ _____	\$ _____
02.03.02	Woven Geotextile	Square Metre	10,060	\$ _____	\$ _____
02.04	Drainage Management During Construction				

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02.04.01	Preload Area 1	L.S.	100%	L.S.	\$ _____
02.04.02	Preload Area 2	L.S.	100%	L.S.	\$ _____
02.04.03	Preload Area 3	L.S.	100%	L.S.	\$ _____
02.04.04	Mitigation Berm Area 4 and Preload Area 5	L.S.	100%	L.S.	\$ _____
02.04.05	Preload Area 6	L.S.	100%	L.S.	\$ _____
02.05	Granular Materials				
02.05.01	Preload and Berm Fill	Tonne	264,190	\$ _____	\$ _____
02.06	Geotechnical Monitoring Instrumentation				
02.06.01	Settlement Gauges	Each	25	\$ _____	\$ _____
02.06.02	Standpipe Piezometers	Each	10	\$ _____	\$ _____
02.06.03	Pneumatic Piezometers	Each	10	\$ _____	\$ _____
02.06.04	Inclinometers	Each	2	\$ _____	\$ _____
02.06.05	Railway Monitoring Movement Hubs	Each	10	\$ _____	\$ _____
02.06.06	Utility Monitoring Movement Hubs	Each	10	\$ _____	\$ _____
02.06.07	Vibration Monitoring	Each	10	\$ _____	\$ _____
02.07	2000mm Diameter Interim Wildlife Crossing Pipe	Metre	47	\$ _____	\$ _____
	TENDER PRICE				\$ _____
	TOTAL TENDER COST (Tender Price plus Site Occupancy (if applicable))				\$ _____

