



TENDER DOCUMENTS
GRAND TRUNK PATHWAY EXTENSION 2022
(Frank Street to Kalum River Bridge)

This package includes the following documents:

- *Instructions to Tenderers*
 - *Contract Special Provisions*
 - *Tender Form*
 - *Agreement Between City of Terrace
And Prime Contractor*
 - *Contract Drawings:*
-

The 2006 edition of the "City of Terrace Standard Construction Specifications and Standard Detail Drawings" is available separately for \$25.00.

CITY OF TERRACE

INSTRUCTIONS TO TENDERERS

**Contract: GRAND TRUNK PATHWAY EXTENSION 2022
(FRANK STREET TO KITSUMKALUM RIVER BRIDGE)**

Reference No. PWA-05-2211

1. Introduction

1.1 *These Instructions apply to and govern the preparation for this Contract. The Contract is generally for the following work:*

Pathway construction including excavation, installation of base and subbase gravels, electrical conduit, wiring, concrete light bases, poles, luminaires, CSP culvert's, landscaping, preparation for asphalt paving and other related works on Grand Trunk Pathway Extension between Frank Street and Kitsumkalum River Bridge.

1.2 *Direct all inquiries regarding the Contract, to:*

Rhett Munson, Engineering Supervisor

*Address: Public Works Department
5003 Graham Avenue, Terrace, BC V8G 1B3
Phone: (250) 615-4044
Fax: (250) 635-3467
E-mail: rmunson@terrace.ca*

2. Tender Documents

2.1 *The tender documents which a Tenderer should review to prepare a tender consist of all Contract Documents listed in Schedule 1 entitled "Schedule of Contract Documents". Schedule 1 is attached to the Contract Agreement which is included as part of the tender package. The Contract Documents include the Drawings listed in Schedule 2 of the Agreement, entitled "List of Drawings".*

2.2 *Any additional information made available to Tenderers prior to the Tender Closing Time by the City or representative of the City, such as geotechnical reports or as-built plans, which is not expressly included in Schedule 1 or Schedule 2 of the Agreement, is not included in the Contract Documents. Such additional information is made available only for the assistance of Tenderers who must make their own judgment about its reliability, accuracy or completeness and neither the City nor any representative of the City give any guarantee or representation that the additional information is reliable, accurate or complete.*

3. Submission of Tenders

3.1 Tenders must be submitted;

a) in a sealed envelope, marked on the outside with the above Contract Title and Reference No., received by the office of:

Director of Engineering & Public Works

on or before:

Tender Closing Time: 2:00 pm Local Time

Tender Closing Date: Friday, May 6th, 2022

at: **City of Terrace**
5003 Graham Avenue, Terrace, BC V8G 1B3
Fax: (250) 635-3467

3.2 Late tenders will not be accepted or considered and will be returned unopened.

4. Additional Instructions to Tenderers

4.1 The City will not be hosting a site meeting, it is the Tenderers obligation to become familiar with the site.

4.2 No award will be made to any Contractor who cannot give satisfactory assurance as to his ability to carry out with the Works both from his financial rating, and by reason of his previous experience as a Contractor on Work of a similar nature to that contemplated in the Contract.

4.3 Failure to complete any of the Tender Schedules will result in the Tender being considered incomplete. An incomplete Tender may be subject to rejection by the City.

4.4 If the unit prices and total amount of the extensions, calculated by the Tenderer in the tender form do not agree, the unit prices will, under no circumstances, be altered and the corrected extensions will be considered as representing the Tenderer's intentions.

4.5 Survey layout for the proposed work will be the responsibility of the Contractor. The cost of survey layout is to be included in the unit prices.

4.6 Each Tender shall be accompanied by a Bid Security in the form of a Bid Bond, certified cheque or letter of credit made payable to the City, in the amount of \$10,000.00 (CAD). The Bid Security shall be returned to the Tenderer upon the signing of the Contract Agreement with the successful Tenderer and the submission

of a suitable Performance Security. On the failure of the successful Bidder to furnish a satisfactory Performance Security and to sign the Contract Agreement within fifteen (15) days after being awarded the Contract, the Bid Security will be forfeited to the City.

- 4.7 The City may refuse to enter into a Contract Agreement with a Tenderer who has an outstanding dispute on a previous City of Terrace contract, development, subdivision, etc.*
- 4.8 The City may refuse to enter into a contract agreement with a Tenderer who has not obtained the most recent edition (2006) of the City of Terrace Standard Construction Specifications and Standard Detail Drawings.*
- 4.9 The City reserves the right to accept any offer, or reject any or all offers.*
- 4.10 The City reserves the right to waive informalities in or reject any or all tenders or accept the tender deemed most favorable in the interests of the City of Terrace.*
- 4.11 Except as expressly and specifically permitted in these Instructions to Tenderers, no Tenderer shall have any claim for any compensation of any kind whatsoever, as a result of participating in the tender, and by submitting a bid each Tenderer shall be deemed to have agreed that it has no claim.*

CITY OF TERRACE

CONTRACT SPECIAL PROVISIONS

Contract: **GRAND TRUNK PATHWAY EXTENSION 2022**
 (FRANK STREET TO KITSUMKALUM RIVER BRIDGE)

Reference No. **PWA-05-2211**

1. LOCATION OF PROJECT

1. *The project is located in the ROW of Highway 16 west, between Frank Street and Kitsumkalum River Bridge.*

2. SCOPE OF PROJECT

1. *Grand Trunk Pathway Extension 2022, works to include:*

Path Construction

- *Excavation*
- *Removal of Trees, shrubs, planters etc.*
- *New base and sub-base gravel placement*
- *Trenching and installation of electrical conduit*
- *Installation of electrical wiring, light bases, light poles & luminaires*
- *Installation of CSP culverts*
- *Construction survey and layout*
- *Traffic control*
- *Pavement Preparation*

Reclamation & Furnishing

- *Asphalt removal and disposal*
- *Boulevard stripping/removals for topsoil*
- *Topsoil and grass seed.*
- *Installation of new signage*
- *Installation of Bollards*
- *Chainlink fence Installation*
- *Other related works*

Line-Item descriptions can be found in detail in Schedule C “Quantities” of the Tender Package.

3. CONTRACT SCHEDULE

1. *The Contractor shall submit to the City a detailed work schedule showing: phases of construction, and the order in which, and the method by which it is proposed to carry out the works.*

Adequate details shall be furnished for each of the major activities on the project and the arrangements, methods, materials, equipment and construction plans, and time allotted by the Contractor. The Contractor shall take into account all factors influencing the Contract, including delivery dates of City supplied materials. The schedule shall require the approval of the City prior to work commencing on site. During construction, the schedule shall be updated bi-weekly and provided to the City for review.

2. *The City anticipates that work on Saturdays may be required to meet the Contract schedule. Time is of the essence.*
3. *The work shall be substantially completed (98% contract complete) not later than **September 15th, 2022.***
4. *If the project requirements are not met according to schedule constraints, any additional time spent for inspection by City staff after the stated substantial completion date shall be charged to the Contractor. Also see section 00700 (General Conditions) Item 28.1 and 28.2 "City's Right to Do Work" of the Contract Specifications.*
5. *If the Contractor is delayed in completion of the work by any act or neglect of the City or any Contractor employed by the City, then the time of completion shall be extended for a period of time equal to the time lost due to such delays. The Contractor shall not be eligible for any additional costs for overhead, living expenses, labour, equipment, lost profits or any other costs whatsoever arising from extension to the contract working period.*

4. LOCAL ACCESS / TRAFFIC

1. *Local access to all properties and businesses within and beyond the worksite for both vehicles and pedestrians must be maintained except when temporary loss of access is absolutely necessary. The Contractor shall give advance notice to property owners and business managers of such restriction and shall reinstate access as soon as possible.*
2. *Any works impacting the travelled portion of public roadways shall be signed and controlled in accordance with the B.C. Ministry of Transportation and Infrastructure Traffic Control Manual for Work on Roadways, and shall adhere to*

WorkSafe B.C. Regulations. Any work on Highway 16 West shoulder to be approved and permitted by MOTI.

- 3. Barricades, road closed signs, detour and direction signs to be erected and maintained by the Contractor at all times. Certified traffic control personnel to be provided by the Contractor.*
- 4. The Contractor shall submit a Plan of Traffic and Pedestrian Control, Temporary Signage and Detours to the City of Terrace and shall ensure the City has approved the Plan **prior** to commencing construction. The Plan shall include signage, delineation and detours to address safety of pedestrians and travelling public, and shall adhere to the Ministry of Transportation and Infrastructure (MoTI) Traffic Management Manual for Work on Roadways latest edition.*

Plan to indicate: type, colour, size of signs proposed, location of detour signage, and business signs.

*Traffic control to cover various phases (stages) of construction. Should the approved Plan not cover the works to be undertaken on any given day, the Contractor shall, **prior** to commencing the works, review proposed traffic control with the City for approval.*

Radio announcements and signage required to inform public of road closures and detours shall be the responsibility of the Contractor.

Approval of the Plan by the City in no way relieves the Contractor of his responsibility to meet WorkSafeBC requirements. Failure of the Contractor to subsequently implement the Plan as approved may result in the signage being erected by others at the Contractor's expense.

5. DUST CONTROL

- 1. The Contractor shall be responsible for maintenance and set-up of dust control such as water or calcium and bear all associated costs. Clean up of roadway and sidewalk surfaces shall be done daily with dustless sweeping methods. Airborne concrete dust will not be permitted.*
- 2. The Contractor shall control dust at all times during the duration of the project.*
- 3. If the Contractor fails to maintain dust control the City may carry out dust control as needed and charge the Contractor for costs incurred.*

6. CO-OPERATION OF THE CONTRACTOR

1. *The City reserves their right to perform other work by contract or otherwise, and to permit public utility companies and others to do work on or near the project during the progress of the work. Contractor to co-ordinate with utilities to allow for such work.*

7. UTILITY AND SURFACE FEATURE DAMAGE

1. *All infrastructure, buildings and existing surface features damaged or broken will be the Contractor's responsibility and shall be restored to their present state or better. Any costs incurred by the City will be charged to the Contractor.*
2. *The Contractor shall conduct with the City a condition survey of the existing buildings, trees, shrubs, plants, lawns, fencing, service wires and poles, signs, survey bench marks, iron pins and monuments which may be affected by the work. Failure to do so does not alleviate the Contractor from his obligations or responsibilities.*
3. *The Contractor shall retain a qualified British Columbia Land Surveyor to locate, reference and re-establish all destroyed or damaged property boundary reference points and monuments.*
4. *If natural gas mains or sheathing are damaged during the course of works or pre-existing damage is discovered, contact Pacific Northern Gas immediately and leave gas line exposed to allow for repairs.*

8. UTILITY WORK PLAN

1. *The Contractor shall contact all utility companies prior to construction to ensure all utility locates are completed. The Contractor is responsible for ensuring that proper procedures are carried out when working around each utility.*

9. USE OF CITY TOOLS / EQUIPMENT

1. *The City will not supply tools and equipment such as pipe snappers, valve and hydrant keys, pressure pumps, hoses, barricades, and signs for use on City of Terrace Contract Projects.*

10. DISPOSAL OF SURPLUS MATERIALS

1. *The Contractor shall be responsible for identifying disposal site(s) of all surplus soil from excavation. The City to review and approve disposal locations.*

2. *The Contractor shall dispose of all concrete waste, asphalt waste and other non-fill materials off-site and in accordance with the Contract Specifications and WorkSafe B.C. Regulations. Contractor to include disposal costs in unit price bids.*
3. *Where the Contractor has obtained pre-approval from the City, suitable excavated material may be used as native bedding or excavation backfill, etc.*

11. SPECIAL WORKING DAYS

1. *Construction work shall not be carried out on Sundays except in cases of emergency or special circumstances, and then only with the written permission of the City and to such an extent as the City may judge to be necessary. The Contractor will be required to pay all overtime wages for inspection works on Sundays.*
2. *If the Contractor desires to work on a City of Terrace Statutory Holiday notice shall be provided to the City at least ten (10) days in advance of such holiday. The Contractor will be required to pay all overtime wages for inspection work on City of Terrace Statutory Holidays.*

12. USE OF FIRE HYDRANTS

1. *Contractor may use fire hydrants to obtain water for pathway compaction, but not for dust control if water restrictions are in effect. Use of hydrant must be arranged with City of Terrace Public Works Department. Contractor to bear all costs related to hydrant use.*

13. CONTRACTOR CONSTRUCTION SURVEY LAYOUT

1. *The contractor shall supply their own construction survey and shall provide all necessary survey required for paving. The Contractor's surveyor is to be familiar with standard construction survey procedures and is to perform the work accurately and competently.*
2. *The contractor shall furnish and maintain survey staking for stationing and centerline offset at 20m intervals, at beginning and end of curves and elevation benchmarks at 50m intervals for the duration of the project. If the City requires staking to be re-established to perform checks, the contractor must provide survey layout within a reasonable timeline as deemed by the City representative.*

14. PREPARATION FOR PAVING

1. *Contractor to ensure that pathway base has been approved by the City by noon of the day prior to paving. "Approved by the City" refers to all compaction testing, string lining, proof rolling, etc. Any costs, by the City or its paving Contractor, associated*

with any incurred delays in obtaining the approval to pave shall be borne by the contractor.

2. *Contractor to schedule and coordinate works with the City's paving contractor. If the Contractor is delayed in completion of the work due to the paving schedule, then the time of completion shall be extended for a period of time equal to the time lost due to such delay. The Contractor shall not be eligible for any additional costs arising from extension to the contract working period.*
3. *A Contractor representative must be present on site during the paving days.*

15. TOPSOIL

1. *Topsoil material shall be friable loam generally with a ratio of 1 part sand and 1 part nutrient rich organic/silt/clay, or as approved by the City representative. Topsoil shall be free of subsoil, roots, sticks, debris and stones over 30mm. Topsoil material and installation shall be as per Section 02921 of the Standard Construction Specifications.*
2. *Coarse cultivate topsoil subgrade surface. Topsoil subgrade to be approved by City representative before placing topsoil.*
3. *Topsoil finished depth shall be 75mm.*
4. *Topsoil shall not be handled when it is so wet or frozen that it's structure will be altered.*

16. HYDRAULIC SEEDING (as per Section 02934)

1. *Hydraulic seeding shall not commence until the City has approved the topsoil works. Hand seeding can be used to start or assist growth, however one application of hydraulic seeding is required.*
2. *The following application rate shall be used:*

<i>Seed</i>	<i>240 kg/hectare</i>
<i>Mulch</i>	<i>1900 kg/hectare</i>
<i>Fertilizer</i>	<i>730 kg/hectare</i>
3. *The following seed mix shall be used or approved equivalent:*

<i>10%</i>	<i>Kentucky Bluegrass Midnight</i>
<i>10%</i>	<i>Kentucky Bluegrass Nottingham</i>
<i>40%</i>	<i>Fescue Creeping Red Shademaster II</i>
<i>20%</i>	<i>Ryegrass Perennial Seville</i>
<i>20%</i>	<i>Ryegrass Perennial Brightstar</i>

4. Contractor is responsible for watering, weed control, and maintenance of the hydraulic seeded area until full coverage of grass is achieved. Prior to approval, the contractor shall carry out one full cut of the lawn.
5. Two thousand dollars (\$2000) may be held back by the City until the growing season of the following year. The Contractor will be responsible to apply additional seed and fertilizer as required for any areas experiencing poor growth.

17. SUBCONTRACTORS

1. A Contractor representative shall be present on site while a sub-contractor is working.

18. TREES – EXISTING

1. The Contractor shall preserve existing trees, as shown on the plans, and take necessary precautions to prevent damage to bark, branches, and roots. Where potential conflict with design arises, consult City representatives.

19. CITY SUPPLIED MATERIALS

1. The following items will be supplied by the City:

Item	Estimated Delivery Date
2" PVC conduit & 2"-1¼" PVC reducers	End of May
Concrete bases for light poles	Some available, End of May for full order
Light poles	To be determined
Luminaires	To be determined

2. The contractor is responsible to supply all materials for construction other than what is listed above.
3. The contractor is to arrange for pickup and delivery of City supplied items to site as required from the City Public Works yard at 5003 Graham Ave or directly from the local supplier.

4. *Exact delivery dates of materials are unknown at this time but are not expected to delay construction. Approximate delivery dates are shown above.*
5. *The contractor shall schedule their work accordingly to the City's delivery times as they come available.*
6. *The City will not be responsible for any additional costs due to construction delays arising from delivery dates of City supplied materials.*

20. MAINTENANCE PERIOD

1. *Notwithstanding any other provision of this agreement or the termination of this agreement, the Contractor warrants to the City of Terrace for a period of 365 days from the date of Substantial Completion as shown on the Construction Completion Certificate, that all work in connection with this contract is free from any defect resulting from work done or material supplied by the Contractor, and the Contractor shall, to the satisfaction of the City or their representative, rectify any defect that exists within that period.*

CITY OF TERRACE

TENDER FORM

Contract: **GRAND TRUNK PATHWAY EXTENSION 2022
(FRANK STREET TO KITSUMKALUM RIVER BRIDGE)**

Reference No. **PWA-05-2211**

TO CITY:

1. WE, THE UNDERSIGNED:

1.1 *have received and carefully reviewed all of the Contract Documents, including Contract Drawings, Instructions to Tenderers, Special Provisions, Standard Construction Specifications and Standard Detail Drawings and the following Addenda:*

1.2 *have full knowledge of the Place of the Work, and the Work required; and*

1.3 *have complied with the Instructions to Tenderers; and*

2. ACCORDINGLY WE HEREBY AGREE:

2.1 *to perform and complete all of the Work and to provide all the labour, equipment and material all as set out in the Contract Documents, in strict compliance with the Contract Documents; and*

2.2 *to mutually agree to a Substantial Completion date at the time of signing the Contract Agreement, and*

2.2.1 *that the agreed Substantial Completion date (98% contract completion) shall be in any case no later than **September 15th, 2022** and*

2.3 *to do the Work for the price, which is the sum of the products of the actual quantities incorporated into the Work and the appropriate unit prices set out in Appendix 1, the "Schedule of Quantities and Prices", plus any lump sums or specific prices and adjustment amounts as provided by the Contract Documents. For the purposes of tender comparison, our offer is to complete the Work for the "Tender Price" as set out on Appendix 1 of this Form of*

Tender's Initials _____

Tender. Our Tender Price is based on the estimated quantities listed in the Schedule of Quantities and Prices, and excludes GST.

3. WE CONFIRM:

- 3.1 *that we understand and agree that the quantities as listed in the Schedule of Quantities and Prices are estimated and that the actual quantities will vary.*

4. WE CONFIRM:

- 4.1 *that the following Appendices are attached to and form a part of this tender:*

4.1.1 *Appendices 1 - 5*

5. WE AGREE:

- 5.1 *that this tender will be irrevocable and open for acceptance by the City for a period of thirty (30) calendar days from the day following the Tender Closing Date and Time, even if the tender of another Tenderer is accepted by the City. If within this period the City delivers a written notice ("Notice of Award") by which the City accepts our tender we will:*

5.1.1 *within 15 Days of receipt of the written Notice of Award deliver to the City:*

- a) *a Performance Security in the amount of \$100,000.00 (CAD), in the form of a performance bond issued by a surety licensed to carry on the business of surety ship in the province of British Columbia, a certified cheque or letter of credit, in a form acceptable to the City.*
- b) *a detailed work schedule;*
- c) *a "clearance letter" indicating that the Tenderer is in WorksafeBC compliance; and*
- d) *a copy of the insurance policies as specified in GC 32.2 indicating that all such insurance coverage is in place and;*

5.1.2 *within 2 Days of receipt of written "Notice to Proceed", or such longer time as may be otherwise specified in the Notice to Proceed, commence the Work; and*

5.1.3 *sign the Contract Documents.*

6. WE AGREE:

- 6.1 that, if we receive written Notice of Award of this Contract and, contrary to paragraph 5 of this Form of Tender, we:
- 6.1.1 fail or refuse to deliver the documents as specified by paragraph 5.1.1 of this Form of Tender; or
 - 6.1.2 fail or refuse to commence the Work as required by the Notice to Proceed, then such failure or refusal will be deemed to be a refusal by us to enter into the Contract and the City may, on written notice to us award the Contract to another party.
- 6.2 that, in the event of this Tender being accepted within thirty (30) days of the Tender Closing Time and we fail to enter into a contract in accordance with the terms of the Tender, security limited to the lesser of the face value of the Bid Bond or the difference between the amount of this tender and the amount of the tender for which the contract is signed, shall be forfeited to the City, in lieu of any damages to which the City may be entitled by reason of our failure or refusal to enter into such contract.

7. OUR ADDRESS is as follows:

Phone: (____) ____ - _____

Fax: (____) ____ - _____

Attention: _____

This Tender is executed this _____ day of _____, 2022.

Prime Contractor:

(FULL LEGAL NAME OF CORPORATION, PARTNERSHIP OR INDIVIDUAL)

(AUTHORIZED SIGNATORY AND PRINT NAME)

Tenderer's Initials _____

Appendix 1

Schedule of Quantities

ITEM #	ITEM DESCRIPTION	Unit of Measure	Tender Quantity	Price per Unit \$	PAYABLE AMOUNT
1.0	GENERAL PATHWAY CONSTRUCTION				
A)	REMOVALS:				
i)	Clearing, grubbing, general small item removal.				
	<i>Tree/hedges, vegetation, flag poles, wooden planters and miscellaneous small item removal as specified on the contract drawings.</i>	L.S.	1	\$	\$
ii)	Asphalt removal				
	<i>Removal and disposal of existing asphalt as specified on the contract drawings.</i>	M²	265		
B)	EXCAVATION:				
	<i>Remove required material to meet design subgrade widths and elevations, including: excavation, hauling, disposal of excess material to site(s) selected by the Contractor and approved by the City, and compaction of subgrade to 95% Modified Proctor Density.</i>	M³	2,763	\$	\$
C)	WGB GRANULAR FILL:				
	<i>Supply, place, grade, compact to 98% Modified Proctor, 100mm/150mm deep, granular base material below proposed pathway asphalt surface. (as per MOTi Standards)</i>	M³	774	\$	\$
D)	SGSB GRANULAR FILL:				
	<i>Supply, place, grade, compact to 95% Modified Proctor; 200mm deep, Select Granular Sub-Base material below Well Graded Base layer. (as per MOTi Standards)</i>	M³	1,453	\$	\$
E)	EMBANKMENT FILL				
	<i>Supply, place, grade, compact approved fill material below the pathway gravels where shown on contract drawings. Pathway excavation material can be used as embankment fill if approved.</i>	M³	273	\$	\$

ITEM #	ITEM DESCRIPTION	Unit of Measure	Tender Quantity	Price per Unit \$	PAYABLE AMOUNT
F)	RECLAMATION AREAS				
	<i>Includes stripping organics, establishing subgrade for landscaping, grading, supply and placement of 75mm topsoil, finishing, hydraulic seeding, watering, fertilizer and maintenance until lawns are full.</i>	M²	4063	\$	\$
G)	400mm CULVERT - SUPPLY/INSTALL:				
	<i>Supply and install C.S.P. pipe true to line and grade including excavation, backfilling, bedding, compaction, pipe, fittings.</i>	L.M.	14	\$	\$
H)	SIGNAGE:				
i)	<i>Re-locate and re-install existing traffic signs as per drawings (to MOTi Standards).</i>	Each	3	\$	\$
ii)	<i>Install new traffic signs as per drawings. (to MOTi Standards). New sign posts to be "Telespar System" (45 X 45 X 2.7 Telespar galvanized sign support) installed as per manufacturer's recommendations.</i>	Each	6	\$	\$
I)	BOLLARDS				
	<i>Supply and install bollards at specified locations as shown on contract drawings; Price to include excavation, concrete, steel pipe, painting, and reflective markings etc.</i>	Each	18	\$	\$
J)	TRAFFIC CONTROL:				
	<i>Preparation and execution of Signage Plan and installation and maintenance of: road closed signs, fencing, temporary detour signage; flagging; construction ahead warnings; radio announcements; etc. To include all signage and barricading required for paving.</i>	L.S.	1	\$	\$
K)	PAVING PREPARATION:				
	<i>Prepare, schedule and co-ordinate with the City of Terrace's paving contractor to install asphalt pavement, including asphalt sawcutting and sweeping at all intersections and pavement matches, adjusting infrastructure, supply and place barricades/signage for traffic control.</i>	L.S.	1	\$	\$

ITEM #	ITEM DESCRIPTION	Unit of Measure	Tender Quantity	Price per Unit \$	PAYABLE AMOUNT
	SUB TOTAL GENERAL PATHWAY CONSTRUCTION				\$
2.0	ELECTRICAL - LIGHTING				
A)	TRENCHING & CONDUIT				
	Trenching and conduit installation as per Electrical Drawings E000 to E104. Contractor to supply all required materials except PVC conduit will be supplied by the City. Price to include trench backfill materials.	L.M.	1670	\$	\$
B)	LIGHT BASES, POLES, LUMINAIRES AND WIRING				
	Installation of light poles, luminaires and all required wiring as per Electrical Drawings E000 to E104. Contractor to supply wiring and all other required materials except controllers, light poles, concrete light bases and luminaires will be supplied by the City.	EA	42	\$	\$
C)	DRIVEWAY OPEN CUT REPAIR FOR CONDUIT				
	Works to include; cutting/removing existing asphalt and to supply, place and compact 300mm SGSB, 150mm WGB throughout the trench, patches to be paved by others.	L.M.	120	\$	\$
	SUB TOTAL ELECTRICAL				\$
3.0	PROVISIONAL ITEMS				
A)	KALUM MOTEL EXCAVATION:				
	Remove required material to meet design subgrade widths and elevations, including: excavation, hauling, disposal of excess material to site(s) selected by the Contractor and approved by the City, <u>re-grading</u> and compaction of subgrade to 95% Modified Proctor Density.	M ³	41	\$	\$
B)	KALUM MOTEL - PAVING PREPARATION:				
	Prepare, schedule and co-ordinate with the City of Terrace's paving contractor to install asphalt pavement, including asphalt sawcutting and sweeping at all intersections and pavement matches, adjusting infrastructure, supply and place barricades/signage for traffic control.	L.S.	1	\$	\$

**GRAND TRUNK PATHWAY
EXTENSION 2022
(FRANK ST TO KALUM RIVER BRIDGE)**

TENDER FORM

C)	CHAINLINK FENCING				
	1.8m high including posts, rails, fittings and CIP concrete footings as per drawings.	L.M.	125	\$	\$
D)	KALUM MOTEL SIGN RELOCATION				
	Re-locate and re-install Kalum Motel sign and concrete base to location specified by the City of Terrace. Electrical disconnection and re-connection to be by others.	L.S.	1	\$	\$
	SUB TOTAL PROVISIONAL ITEMS				\$
	TOTAL PATHWAY EXTENSION WORKS				\$

Appendix 2

PRELIMINARY CONSTRUCTION SCHEDULE

INDICATE SCHEDULE WITH BAR CHART WITH MAJOR ITEM DESCRIPTIONS AND DATES INCLUDING THE FOLLOWING:

- **SUBSTANTIAL COMPLETION (98% Contract Completion):** _____

ACTIVITY												
		1	2	3	4	5	6	7	8	9	10	
Week ending Friday	DATE											

Appendix 3

EXPERIENCE OF SUPERINTENDENT

NAME: _____

EXPERIENCE:

- Dates: _____
Project Name: _____
Responsibility: _____

References: _____

- Dates: _____
Project Name: _____
Responsibility: _____

References: _____

- Dates: _____
Project Name: _____
Responsibility: _____

References: _____

Agreement

Between City of Terrace and Prime Contractor

THIS AGREEMENT made in duplicate this _____ day of _____, 2022

Contract: **GRAND TRUNK PATHWAY EXTENSION
(FRANK STREET TO KITSUMKALUM RIVER BRIDGE)**

Reference No. PWA-05-2211

BETWEEN:

**City of Terrace
3215 Eby Street,
Terrace, BC V8G 1X6
(the "City")**

AND

(the Prime "Contractor")

The City and the Prime Contractor agree as follows:

1 THE WORK - START/COMPLETION DATES

- 1.1 The Prime Contractor will perform all Work and provide all labour, equipment and material and do all things strictly as required by the Contract Documents.
- 1.2 The Prime Contractor will commence the Work in accordance with the Notice to Proceed. The Prime Contractor will proceed with the Work diligently, will perform the Work generally in accordance with the construction schedules as required by the Contract Documents and will achieve Substantial Completion of the Work on or before:

_____, **2022**

subject to the provisions of the Contract Documents for adjustments to the Contract Time.

- 1.3 Time shall be of the essence of the Contract.

2 CONTRACT DOCUMENTS

- 2.1 *The "Contract Documents" consist of the documents listed or referred to in Schedule 1, entitled "Schedule of Contract Documents", which is attached and forms a part of this Agreement, and includes any and all additional and amending documents issued in accordance with the provisions of the Contract Documents. All of the Contract Documents shall constitute the entire Contract between the Owner and the Prime Contractor.*
- 2.2 *The Contract supersedes all prior negotiations, representations or agreements, whether written or oral, and the Contract may be amended only in strict accordance with the provisions of the Contract Documents.*

3 CONTRACT PRICE

- 3.1 *The price for the Work ("Contract Price") shall be the sum in Canadian dollars of the following:*
- 3.1.1 *the product of the actual quantities of the items of Work listed in the Schedule of Quantities and Prices which are incorporated into or made necessary by the Work and the unit prices listed in the Schedule of Quantities and Prices; plus*
- 3.1.2 *all lump sums, if any, as listed in the Schedule of Quantities and Prices, for items relating to or incorporated into the Work; plus*
- 3.1.3 *any adjustments, including any payments owing on account of Changes and agreed to Extra Work, approved in accordance with the provisions of the Contract Documents.*
- 3.2 *The Contract Price shall be the entire compensation owing to the Prime Contractor for the Work and this compensation shall cover and include all profit and all costs of supervision, survey, labour, material, equipment, overhead, financing, and all other costs and expenses whatsoever incurred in performing the Work.*

4 PAYMENT

- 4.1 *Subject to applicable legislation and the provisions of the Contract Documents, the City shall make payments to the Prime Contractor.*
- 4.2 *If the City fails to make payments to the Prime Contractor as they become due in accordance with the terms of GC 41.0 then interest calculated at 2% per annum over the prime commercial lending rate of the Royal Bank of Canada on such unpaid amounts shall also become*

due and payable until payment. Such interest shall be calculated and added to any unpaid amounts monthly.

5 RIGHTS AND REMEDIES

5.1 *The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.*

5.2 *Except as specifically set out in the Contract Documents, no action or failure to act by the City, or Prime Contractor shall constitute a waiver of any of the parties' rights or duties afforded under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach under the Contract.*

6 NOTICES

6.1 *Communications among the City, and the Prime Contractor, including all written notices required by the Contract Documents, may be delivered by hand, or by fax, or by pre-paid registered mail to the addresses as set out below:*

The City:

**City of Terrace
5003 Graham Avenue
Terrace, B. C. V8G 1B3**

Fax: (250) 635-3467

Attention: Kevin Sousa, Engineering Manager

The Prime Contractor:

Attention: _____

Email: _____

Phone: _____ Fax: _____

- 6.2 *A communication or notice that is addressed as above shall be considered to have been received:*
- 6.2.1 *immediately upon delivery, if delivered by hand; or*
- 6.2.2 *immediately upon transmission if sent and received by fax; or*
- 6.2.3 *after 5 Days from date of posting if sent by registered mail.*
- 6.3 *The City or the Prime Contractor may, at any time, change its address for notice by giving written notice to the other at the address then applicable.*
- 6.4 *The sender of a notice by fax assumes all risk that the fax will be received properly. Confirm by telephone that fax has been received.*

7 GENERAL

- 7.1 *This Contract shall be construed according to the laws of British Columbia.*
- 7.2 *The Prime Contractor shall not, without the express written consent of the Owner, assign this Contract, or any portion of this Contract.*
- 7.3 *The headings included in the Contract Documents are for convenience only and do not form part of this Contract and will not be used to interpret, define or limit the scope or intent of this Contract or any of the provisions of the Contract Documents.*
- 7.4 *A word in the Contract Documents in the singular includes the plural and, in each case, vice versa.*
- 7.5 *This agreement shall inure to the benefit of and be binding upon the parties and their successors, executors, administrators and assigns.*

IN WITNESS WHEREOF the parties hereto have executed this Agreement the day and year first written above.

Prime Contractor:

(FULL LEGAL NAME OF CORPORATION, PARTNERSHIP OR INDIVIDUAL)

(AUTHORIZED SIGNATORY)

PRINT NAME

(AUTHORIZED SIGNATORY)

PRINT NAME

City

CITY OF TERRACE

(AUTHORIZED SIGNATORY)

PRINT NAME

(AUTHORIZED SIGNATORY)

PRINT NAME

Schedule 1

Schedule of Contract Documents

The following is an exact and complete list of the Contract Documents, as referred to in Article 2.1 of the Agreement. In the event of an inconsistency or conflict between the provisions of the contract documents, then the governing documents shall take precedence in the following order:

- 1 Agreement, including all Schedules;
- 2 The following Addenda: _____

- 3 Drawings listed in Schedule 2 to the Agreement - "List of Drawings";
- 4 Contract Special Provisions;
- 5 Executed Form of Tender, including all Appendices;
- 6 Instructions to Tenderers;
- 7 City of Terrace Standard Detail Drawings;
- 8 City of Terrace Standard Construction Specifications;
- 9 City of Terrace General Requirements

Schedule 2

LIST OF DRAWINGS

(COMPLETE LISTING OF ALL DRAWINGS, PLANS AND SKETCHES THAT ARE PART OF THE CONTRACT DOCUMENTS)

TITLE	SHEET NO.	DRAWING DATE	REVISION NO.
GRAND TRUNK PATHWAY EXTENSION (FRANK ST TO KITSUMKALUM RIVER BRIDGE) – PLAN/PROFILES	C100- C111	2022-03-16	0
GRAND TRUNK PATHWAY EXTENSION (FRANK ST TO KITSUMKALUM RIVER BRIDGE) – TYPICAL SECTIONS	C300	2022-03-16	0
GRAND TRUNK PATHWAY EXTENSION (FRANK ST TO KITSUMKALUM RIVER BRIDGE) – DETAILS	C301	2022-03-16	0
GRAND TRUNK PATHWAY EXTENSION (FRANK ST TO KITSUMKALUM RIVER BRIDGE) – ELECTRICAL SPECIFICATIONS AND DETAILS	E000	2022-03-23	0
GRAND TRUNK PATHWAY EXTENSION (FRANK ST TO KITSUMKALUM RIVER BRIDGE) – LIGHTING LAYOUTS	E100- E104	2022-03-23	0

Schedule 3

JOB SITE HAZARD IDENTIFICATION – PRIME CONTRACTOR APPOINTED

Date: _____, 2021

Contractor: _____ Phone: _____

Contractor Representative (Print Name) _____ Phone: _____

City of Terrace Representative (Print Name) _____

Contractor Safety Representative (Print Name) _____ Phone: _____

Project Description: GRAND TRUNK PATHWAY EXTENSION 2022

Address/Area of Project: HIGHWAY 16 WEST, BETWEEN FRANK STREET AND KITSUMKALUM RIVER BRIDGE

Date Start _____ End _____

Type of Project

- Prime Contractor Appointed – Single Employer Workplace**
 Prime Contractor Appointed – Multiple Employer

Name of Person Designated to Supervise Workers:

Checklist of Known Hazards:

Hazard	STATUS – tick box			Comments
	YES	NO	N/A	
Asbestos / Lead				
Bio-Hazardous Materials				
Chemicals				
Confined Spaces				
Dangerous Trees				
De-Energization / Lock-out				
Excavations				
Falling Materials				
Fire Hazards				
Overhead Power Lines				
Personal Property				
Public Property				
Toxic Process Gases				
Underground Utilities Location				
Traffic Control				
Working Alone or in Isolation				
Working at Heights Over 3 m				

Other Items Identified

Specific Recommendations / Special Precautions

Is any additional information or notes attached? If so please describe.

This form is only intended to notify the contractor of the hazards that the City of Terrace is aware of at this site. This form is not intended to instruct the contractor in how to control or eliminate the known hazards identified above. The contractor on site is still responsible for performing a detailed Hazard Identification and Hazard Assessment for the site as per the requirements of WorkSafeBC (WSBC) regulations. The contractor shall at all times comply with all applicable Acts, Regulations, Standards and Bylaws.

All safety related Incidents/Accidents required to be reported to WorkSafeBC need to be reported to the City of Terrace Contract Administrator and Safety Department immediately.

Safety Supervisor – office - 250- _____ or cell 250- _____
Safety Coordinator – office 250- _____ or cell 250- _____

City of Terrace Representative Name _____

City of Terrace Representative Signature _____

Contractor Acknowledgement of Receipt of This Form

Contractor Representative Name _____

Contractor Representative Signature _____

Schedule 4

CONTRACTOR COORDINATION

CONFIRMATION OF CONTRACTOR RESPONSIBILITIES

This form must be completed and signed before work begins

Date _____

Project Description: GRAND TRUNK PATHWAY EXTENSION 2021

Tender Ref # PWA-05-2211

Please select one of the following and complete the relevant section(s) of this form

- | | | |
|--|--------|---|
| | Type A | Prime Contractor Single Employer Workplace |
| | Type B | Prime Contractor – Multiple Employer Workplace / Includes Sub-Contractors |
| | Type C | No Prime Contractor Appointed - Municipal Qualified Coordinator |

Contractor _____

Contractor Representative: _____

Job Title _____

Person Designated Responsible for Coordination of Safety _____

Job Title _____ Contact # _____

City of Terrace Representative _____

Job Title _____ Contact # _____

Type A & B - Prime Contractor Appointed – The Contractor

	Yes	No	N/A
Acknowledges the appointment as Prime Contractor			
Attends necessary pre-construction safety meetings (documented)			
Determines the boundaries of the workplace, and ensure that only workers of one employer perform duties with-in those boundaries (Type A only)			
Is responsible for identifying and complying with any and all applicable Acts, Regulations, Standards and Bylaws. The Contractor shall also understand that the WSBC OH&S Regulation and/or any other applicable Acts or Standards shall be adhered to at all times and supersede any direction from the City and its representatives.			
Shall immediately notify The City of Terrace of any conflict between directions given to them and any applicable Acts, Regulations or Standards & Bylaws.			
Accepts that written documentation (e.g. notes, records, inspections, meetings etc.) on all health and safety issues must be made available upon request to the City of Terrace.			
Has (or will before work starts) received a completed Job Site Hazard Identification Form from a representative of the City of Terrace.			

	Yes	No	N/A
<i>Will conduct an inspection of the worksite to identify any hazards before starting any work on site.</i>			
<i>Shall communicate all known hazards to any person who may be affected and ensure that appropriate measures are taken to effectively control or eliminate all hazards</i>			
<i>Must ensure that all workers on site are suitably trained, orientated and competent to perform the duties for which they are assigned.</i>			
<i>Must submit a Notice of Project to WorkSafeBC (WSBC)and submit a copy to the City of Terrace as required</i>			
<i>Shall report any and all injuries or incident required by regulation to WorkSafeBC. The contractor shall also report these incidents to the City of Terrace Contract Administrator.</i>			
<i>The Contractor must be on the City of Terrace approved contractor list and will submit a copy of their formal Occupational Health and Safety program and site specific safe work procedures where required.</i>			
<i>The Contractor has provided a current "WSBC Clearance Letter" stating that their account with WCB is in good standing</i>			
<i>The Contractor has appointed a qualified coordinator responsible for project safety and provided the City of Terrace with their name & contact information in writing</i>			

Type B Only

<i>The Prime Contractor has identified & provided to the City of Terrace the names of all other employers and or sub-contractors working on the project</i>			
<i>The Prime Contractor has or will notify all sub-contractors of all know and foreseeable hazards</i>			
<i>The Prime Contractor will meet all obligations under the WCB Act & Regulations for coordinating a multiple employer workplace.</i>			
<i>The Prime Contractor shall be responsible for regular inspections and ensuring that all sub-contractors and their employees comply with any and all applicable Acts, Regulations Standards & Bylaws</i>			

Notes/Follow-up: _____

Type C – No Prime Contractor Appointed – Municipal Qualified Coordinator

City of Terrace Representative _____ Job Title _____

Contractor _____

Contractor Representative _____ Job Title _____

The Municipal Qualified Coordinator Must

	Yes	No
Acknowledge that the City of Terrace is the Prime Contractor		
Attend and coordinate pre-construction meetings as required		
Determine the boundaries of the workplace, and ensure that all contractors works with-in those boundaries		
Ensure that the Contractor and/or the Municipal Qualified Coordinator have conducted an inspection of the worksite to identify any hazards		
Identify and communicate all known hazards the contractor and ensure that appropriate measures are taken to effectively control or eliminate the hazards to the health and safety of all persons at the worksite		
Confirm that all workers are suitably trained, orientated and competent to perform the duties for which they are assigned.		
Complete the Job Site Hazard Identification Form with the contractor		
Submit a Notice of Project to WorkSafeBC as required		
Conduct regular inspections and ensure that all sub-contractors and their employees comply with any and all applicable Acts, Regulations Standards & Bylaws		
Ensure the contractor is on the City of Terrace Approved Contractor List		
Ensure the contractor has provided a current "Clearance Letter" stating that their account with WorkSafeBC is in good standing		

Type C - The Contractor Must

Identify and Comply with any and all applicable Acts, Regulations, Standards and Bylaws. The contractor shall also understand that the WCB OH&S Regulation and/or any other applicable Acts or standards supersede direction from the City and shall be adhered to at all times.		
Immediately notify The City of Terrace of any conflict between directions given to them and any applicable Acts, Regulations or Standards		
Provide written documentation (e.g. notes, records, inspections, meetings etc.) on all health and safety issues must be made available upon request to the City of Terrace.		
Ensure that all workers are suitably trained, orientated and competent to perform the duties for which they are assigned.		
Report any and all injuries or incident required by regulation to WorkSafeBC and to the City of Terrace		
Perform regular inspections and ensuring that all of their employees comply with any and all applicable Acts, Regulations Standards & Bylaws		

Notes/Follow-up: _____

Contractor Representative Name (print) _____

Contractor Representative Signature _____

City of Terrace Representative Name (print) _____

City of Terrace Representative Signature _____