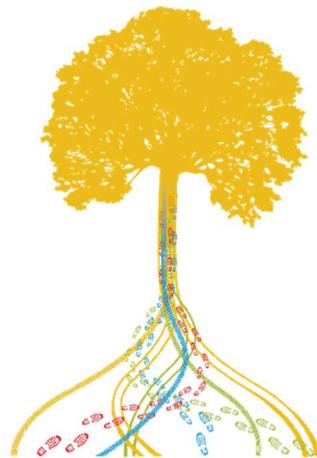




REQUEST FOR QUOTATION

Markin-MacPhail Westside Legacy Trail

Remaining Pavement



Markin - MacPhail

WESTSIDE LEGACY TRAIL

Invermere - Fairmont Hot Springs

Columbia Valley Greenways Trail Alliance

Request for Quotation

Markin-MacPhail Westside Legacy Trail – Remaining Pavement

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1 BACKGROUND

The Columbia Valley Greenways Trail Alliance (Greenways) is a British Columbia Society and registered charitable organization, established for the purpose of working in partnership with the community and local government agencies to advocate the development, maintenance and responsible use of sustainable trails on public and private lands to promote year-round healthy living and community values.

Greenways, with the help of numerous generous donations, has nearly completed construction of The Markin-MacPhail Westside Legacy Trail, a multi-use, non-motorized paved trail between the communities of Invermere and Fairmont Hot Springs on the west side of Lake Windermere off of the Westside Road.

2 OBJECTIVE

The purpose of the Request for Quotation (RFQ) is to obtain qualified offers from established organizations which have a proven track record with paving new roads/trails. This RFQ is limited to the supply and placement of base crush four meters wide and the supply and placement of 50mm hot mix asphalt three meters wide, the length to be paved is approximately 9.8 km.

3 PROJECT SUMMARY

The Markin-MacPhail Westside Legacy Trail is a multi-use, paved pathway that roughly follows the Westside Road, down the west side of Lake Windermere. The trail serves a wide range of user groups such as hikers, runners, cyclists, roller-skiers, cross-country skiers, wheelchair users, spanning all age groups and skill levels. Trail construction began in 2017 and will be completed in 2020.

To date, the Markin-MacPhail Westside Legacy Trail is paved from Invermere to 15.6 km (Segments 1 through 5 of 7 segments). The Projects planned for the summer of 2020 include paving Segments 6 and 7, construction and paving of an approximately one km re-route of the trail, and installation of all remaining amenities.

The project is located within either a 12-meter-wide Statutory Right-of-Way (SRW) on private lands or a five-meter-wide area within the Ministry of Transportation corridor. The trail has a paved width of three meters and includes a painted centerline.

Planned amenities for the entire trail (seven segments) include: three rest areas (public washrooms), two bridges, seven picnic areas and seventeen benches. Other amenities include interpretive signage, bicycle repair stands, and trail counters to be installed upon completion of construction of all seven segments of the trail. (Construction and or supply of amenities are out of scope for this RFQ).

4 REQUEST FOR QUOTATION

This Request for Quotation is specifically asking for per-kilometer pricing for the following:

1. Supply and placement of base crush on pathway (4m width) according to specification
2. Supply and placement of 50mm hot mix asphalt (3m width) according to specification

Specifications are included in separate document “MMWLT Typical Sections”

The per-kilometer pricing for the above two items must include Mobilization and Traffic Control

There are approximately 9.8 km to be paved (Sections 6 & 7 and the re-route portion of trail)

5 INSTRUCTIONS FOR BID SUBMISSION

Please submit your quotation in electronic format including per-kilometer pricing for the above stated activities to the attention of the Markin-MacPhail Westside Legacy Trail Project Manager, at info@greenways.ca

Before submission of bid it is strongly recommended that a field tour be completed with the MMWLT Project Manager.

Deadline for Submission is 16:00 MDT Thursday June 18, 2020.

Forward questions to the attention of the Project Manager at info@greenways.ca

6 PROCESS DATES & STEPS

Process Step	Start	Estimated Completion Date
RFQ Distribution	June 11, 2020	
Questions & Answers	June 11, 2020	June 17, 2020
BID SUBMISSION	June 18, 2020	
Bid Review and Analysis	June 19, 2020	
Short List Decision	June 19, 2020	
Negotiations & Selection	June 22, 2020	June 23, 2020
Formal Award of work (segments dependent upon funding)	June 24, 2020	

The chosen contractors, upon award, will be required to sign formal contract documents which will include the following:

1. Standard Construction Document CCDC 18.
2. Supplementary Conditions, including proof of insurance.
3. Scope of Work Document defining the work and/or materials.
4. All drawings, documents of the project as laid out in the RFQ and any applicable addendums to the bid.

7 APPENDICES

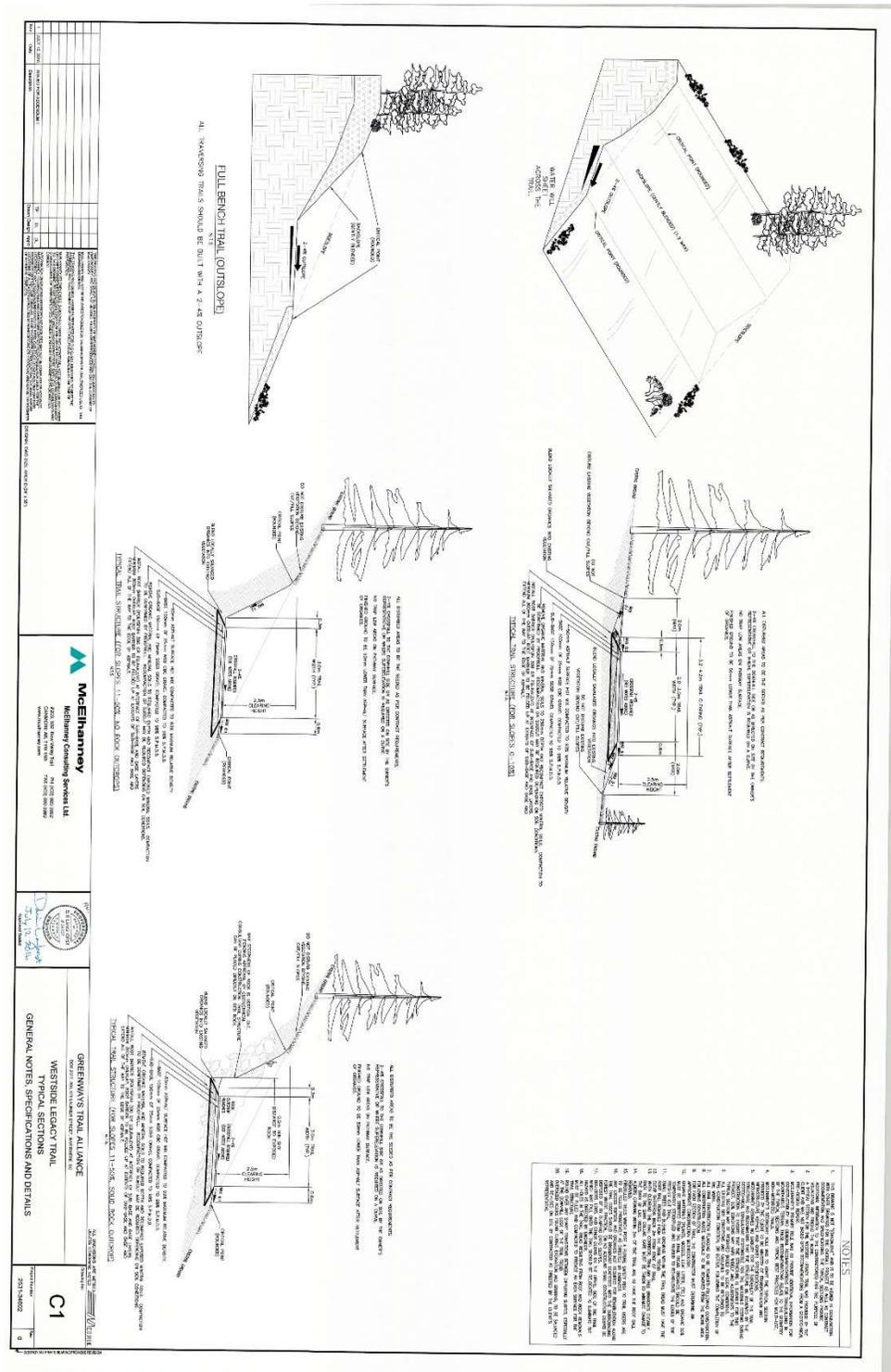
1. Appendix One – Trail Mapping, Typical Section and bridge abutments
2. Appendix Two – Clearing and Grubbing
3. Appendix Three – Gravel Crushing, Screening, Hauling
4. Appendix Four – Trail Construction Specification
5. Appendix Five – Paving/Final Surfacing
6. Appendix Six – General Conditions
7. Appendix Seven – Evaluation Criteria

Appendix One – Trail Mapping and Typical Section

See separate document “MMWLT Trail Map – Segments 1-7”



See separate document "MMWLT Typical Sections"



Appendix Two – Clearing and Grubbing

This specification is for the clearing, tree removal, brush removal, grubbing and timber salvage within the 12-meter trail SRW on private land. Note, the trail area within the existing MoT SRW is five meters.

1. The trail area within the 12-meter, or five-meter, SRW will be mowed and cleared of above surface bushes, branches and trees. Use equipment that will result in minimal terrain disturbance, leaving no damage outside of existing trails.
2. Merchantable timber is to be felled, cleaned and hauled from the ROW to a temporary storage area, adhere to the Forest Act and the Forest and Range Practices Act of British Columbia.
3. Brush is to be piled and chipped, or burned during the winter, at an assigned location. Chipped brush will be required to be deposited at a designated location.
4. Care must be taken during both grubbing and clearing operations to ensure that the trees and roots on the edge of the ROW are not disturbed or damaged.
5. Stumps are to be removed and ground cover left undisturbed outside of the ROW.
6. Adjacent shrubs and small trees within the trail area are to be removed, as are branches that will obstruct travel.
7. Large rocks and obstructions are to be removed from the ROW and to be hauled to a location designated by the Project Manager.
8. Small exposed roots are cut back to the ROW edge to prevent growth through the trail surface. However, significant cutting of large tree roots should be avoided where it might result in a windfall hazard due to removal of stabilizing root systems.
9. Any trees damaged during construction, or trees found to be dangerous to workers or final trail users, should be felled and cleared immediately. Remove any trees that fall off the ROW.
10. No material will be allowed to spread off the ROW. Material shall be piled away from watercourses to minimize risk of material entering the watercourse.
11. Where fencing must be removed, suitable temporary fencing must be put in place for livestock control.
12. Fencing requirements are described in Appendix One - Trail Mapping.

Appendix Three - Gravel Crushing, Screening and Hauling

This specification is for the crushing, screening and hauling of gravel required for the construction of the trail bed.

1. Sub-base and base gravels must be prepared and screened prior to application to the trail.
2. Preparation of the base material includes crushing and screening to meet the specified 75mm and 25mm sizes and amounts.
3. Crushed granular materials shall meet specifications for highway construction guidelines. The sub-base aggregates shall meet requirements of BC MoT section 202.02.03 Granular Sub Base (SGSB) and shall be crushed. The base aggregates shall meet requirements of BC MoT section 202.02.02 Well Graded Base (WGB) and shall be crushed.
4. The Contractor is expected to supply the necessary equipment and labour to complete crushing and screening.
5. The Contractor is expected to provide necessary equipment and labour to haul the prepared gravel to the construction site and apply to areas as specified by the Project Manager.
6. Care must be taken during hauling operations to ensure the edge of the ROW is not disturbed or damaged.
7. For the sub-base in Segments 3 – 7, crushed 75 mm gravel is required.
8. For the base in Segments 3 – 7, crushed 25 mm gravel is required.

Appendix Four – Trail Construction Specification

This specification is for the Grading and Construction of the trail bed in preparation for Paving/Final Surfacing:

1. Grading of the construction ROW is required to safely perform the pathway construction operations and should be minimized as much as possible.
2. No graded material shall be placed off of the construction SRW unless prior approval of the Project Manager has been secured in writing.
3. No graded material shall be allowed to spread into treed areas. Material shall be graded away from watercourses to minimize the risk of material entering the watercourse.
4. Topsoil stripping of areas to commence at the direction of the Project Manager after clearing and grubbing debris have been removed from these areas.
5. Topsoil to be removed to depths as directed by Project Manager without mixing topsoil and subsoil.
6. Stockpile stripped materials along the cleared right of way on the down drainage side to the trail route.
7. The Contractor shall install the Brady Creek Bridge (supplied) and abutments as outlined in engineered specifications and do all necessary grading at road, stream and gully crossings and at other locations where specified. This includes the Brady Creek switchback design included as Appendix Nine.
8. The Contractor shall work under the direction of any Environmental or Archeological Consultant designated by the Project Manager near streams, bridges and culverts or sites of archeological importance.
9. The Contractor shall barricade all construction areas at the end of each day with warning signage to restrict access for unauthorized people.
10. Ditches or drains shall have bridges or culverts installed for passage of equipment or vehicles.
11. The Contractor shall suspend all construction activities that will result in unacceptable rutting of soil and compaction damage to the construction ROW due to wet or soft conditions.
12. Steeper sloped terrain may need to be graded to provide a flat working space prior to construction. Soil material removed from the upslope side of the pathway will be stockpiled on the lower side.
13. When encountering a side slope, a full bench cut down to firm material is required. At the direction of the Project Manager the embankment material may be side cast on low aspect slopes. If the slope is higher aspect the embankment material is to be removed and placed in an area designated by the Project Manager.

14. In the event that large amounts of embankment materials need to be re-located, the end product trail width may be altered for three meters to two meters, at the direction of the Project Manager.
15. The sub-base aggregates shall meet requirements of BC MoT section 202.02.03 Granular Sub Base (SGSB) and shall be crushed.
16. When material is excavated and replaced on any section of the sub-grade, the material is to be placed in 300mm lifts and compacted to 95% maximum dry density.
17. Treat ground slopes, where sub grade is on transition from excavation to embankment, at grade points in accordance with the trail specification. Cut slope back 2:1 or as directed by the Project Manager.
18. Cross slope drainage is mandatory unless approved by Project Manager.
19. Ditches are to be provided as work progresses to provide drainage and shall protrude above sub grade elevation.
20. Excavation through rolling terrain shall have cuts and fills to provide a constant gradient within any 100-meter section of trail.
21. The sub-grade must be proof rolled for soft areas prior to installation of sub-base material.
22. The equipment for proof rolling to be specified by the Project Manager.
23. Sufficient passes are to be made with the proof roller to subject the surface to three separate passes of a loaded tire.
24. Where proof rolling reveals areas of defective sub-grade, the subgrade material is to be removed to depth and extent as specified by the Project Manager and backfilled and compacted in accordance with the specifications above.
25. The sub-base and base are also to be proof rolled according the above sections.
26. Drainage measures are essential for trail safety, pathway stability, and minimizing maintenance costs. The grading of the ROW should incorporate the necessary drainage requirements. Some examples of drainage measures are drainage ditches, culverts, and cross drains.
27. Soil should be compacted as per the construction specification to provide a firm base for the surfacing as per the construction specification as indicated in the mapping document, to provide a firm base for surfacing. Contractor shall provide suitable records of compaction testing for review by the Project Manager.
28. The Contractor is expected to adhere to "Fish Windows", as defined by the Federal Department of Fisheries and Oceans and/or the BC Ministry of Environment affecting construction in and around streams in effect from mid-July to end of August.

29. Supply & installation of temporary sediment & erosion controls along construction ROW, maintenance/repair of erosion measures during course of construction and removal of temporary erosion measures at completion of construction. All erosion control measures to follow ESCA BC guidelines.
30. Root barrier geotextile (supplied by owner) is to be installed on the sub-grade prior to laying of the sub-base aggregate wherever potential tree root growth into the trail bed is possible. The geotextile is to be left wider than trail bed so that upon completion of the sub-base and base and it may be folded upwards to the as yet un-installed edge of the asphalt to prevent lateral intrusion of tree roots.
31. Restoration of disturbed construction areas at completion of construction, inclusive of all supply & installation of topsoil, rip rap, erosion control matting, and hydro-seeding.
32. Supply & installation of permanent erosion control items at construction completion to allow for slope stability and mitigation of siltation/siltation runoff. All erosion control measures to follow ESCA BC guidelines.
33. Topsoil to be placed and tamped over the base aggregate and root barrier up to the edge of the pavement such that no exposed gravel is present at the asphalt surface edge. The tag end of the geotextile (excess material) where it meets the asphalt edge is to be trimmed flush by flame cutting or other method.
34. A fire extinguisher shall be carried and available for use on each piece of equipment.
35. Construction equipment shall be operated in a manner with all original manufacturers safety devices to prevent ignition of flammable materials in the area.

Appendix Five – Paving/Final Surfacing

This specification is for the final surfacing of the prepared trail bed:

1. Asphalt pavement construction shall be in accordance with BC MoT section 502. Bidders shall indicate End Product Specification (EPS) and deviations from section 502 appropriate for trail construction.
2. The Contractor must haul and install the asphaltic materials as specified by the Project Manager.
3. The Contractor is expected to supply the necessary equipment and labour to complete the paving/final surfacing per the specifications noted in Appendix One.
4. The Contractor shall keep the work site clean and free from accumulation of waste materials and rubbish regardless of source.
5. Construction operations shall be conducted so as to cause minimal inconvenience to the public and to owners of adjoining property.

Appendix Six - General Conditions

Definitions and General

Agreement – shall mean this document, the Appendices attached, and other documents issued pursuant to this document.

Contractor – shall mean a corporate body incorporated under the laws of B.C. which has entered into this agreement.

Contractor Parties – shall mean Contractor, its affiliates, those companies having contractual arrangements with Contractor and in respect of the foregoing, their respective directors, officers, employees and agents.

Greenways - shall mean the Columbia Valley Greenways Trail Alliance, its directors, employees, volunteers and Project Manager

Work – shall mean the services provided by the Contractor

Contractor shall adhere to all applicable B.C. Health and Safety Regulations and WorkSafe BC requirements.

Contractor shall adhere to all applicable B.C. Forestry Safety (SAFE) requirements.

Contractor shall create and adhere to an approved Ministry of Transportation traffic management plan when working upon or near Westside Road.

Contractor shall notify Greenways immediately of any accident in connection with the provision of the Work and confirm such notice in writing within 24 hours of its occurrence. Contractor shall investigate such accidents (or cooperate with Greenways in conducting investigations of accidents, or both) that arise out of Contractor's Work under this Agreement and provide copies to Greenways of accident reports it produces in response to any such investigations.

Insurance

Contractor's Insurance

Contractor shall, at all times during the Term, at its sole expense, carry insurance covering its operations hereunder, as more particularly described below:

WorkSafe BC coverage as required by British Columbia law;

Employer's Liability Insurance covering its employees with a limit of no less than five million dollars (\$5,000,000.00) where such employees are not covered by WorkSafe BC or where WorkSafe BC is not the sole remedy of injured workers;

Commercial General Liability Insurance (including non-owned automobile, products and completed operations, manufacturers and contractor's liability, contractual liability, contractor's protective liability

and sudden and accidental pollution liability) with a combined single limit of no less than five million dollars (\$5,000,000.00) for each occurrence involving bodily injury, death or property damage;

Automobile Public Liability and Property Damage Insurance covering all vehicles owned, leased, operated or licensed by Contractor or its Subcontractors with a single combined limit of no less than five million dollars (\$5,000,000.00) for each occurrence involving bodily injury, death or property damage.

(Collectively, the "Contractor's Insurance").

Subcontractors' Insurance

Contractor shall cause each Subcontractor to carry insurance equivalent to the Contractor's Insurance, at its own cost, during the performance by the Subcontractor of any of the Work.

Liability and Indemnity

Contractor shall be liable for and shall indemnify and hold harmless Greenways, all land owners and the Regional District of East Kootenay against all actions, injury, claims, liabilities, loss, damages, demands, penalties, fines, expenses (including legal expenses), costs, obligations and causes of action of every kind and nature whatsoever, in respect of:

(i) loss or damage to the property of Contractor or any of the Contractor Parties whether owned, hired, leased or otherwise provided by Contractor or Contractor Parties arising from or relating to the performance of the Agreement; and

(ii) personal injury, including death or disease to any person employed by Contractor or any other Contractor Parties arising from or relating to the performance of the Agreement

(iii) environmental pollution - For the purpose of this Section, environmental pollution shall mean any deterioration of water, ground or air by harmful substances which causes a risk for human health, water, ground or air and has to be remedied according to law, act of public authorities or contract.

Contractor shall be liable for and shall indemnify and hold harmless Greenways from and against all actions, injury, claims, liabilities, loss, damages, demands, penalties, fines, expenses (including legal expenses), costs, obligations and causes of action of every kind and nature whatsoever of any third party (other than Contractor or Contractor Parties) arising in the context of the Contractor's performance of the work.

Consequential Damages - Neither Party shall be liable to compensate or indemnify the other Party or its Affiliates for any indirect, consequential or punitive losses or damages, including loss of profit, loss of revenue, loss of use, loss of business, or loss of goodwill, even if same arises wholly or partly through the negligence of such party.

Safety

Contractor recognizes that safety is of paramount importance and Contractor shall, and shall require Contractor Personnel and Subcontractors to, abide by any and all safety arrangements put in place at any Site by the Greenways. Contractor shall leave the Site clear of its tools, equipment and waste.

Liens

If any lien, charge or encumbrance arises in respect of the Work furnished by Contractor, its Subcontractors or any Contractor Personnel (each a "Lien"), and Contractor fails to make arrangements satisfactory to Greenways for the removal, discharge or payment thereof within ten (10) days after Greenways has given Contractor notice requiring the removal or discharge or payment, Greenways may cause the removal, discharge or payment thereof.

Contractor shall be liable for and reimburse Greenways promptly for all costs and expenses which Greenways may sustain, incur or pay in causing the removal, discharge or payment of a Lien, including legal fees, disbursements and administrative costs, and any amounts required to be paid by Greenways to obtain the discharge or release.

Representations and Warranties

Contractor represents and warrants to Greenways, and acknowledges that Greenways is relying upon these representations and warranties in entering into this Agreement, and shall ensure that at all times during the Term, that:

Contractor's Personnel are suitably experienced and Contractor possesses the necessary experience, skills, qualifications, expertise, training, personnel, financing, equipment, systems and materials to complete the Work in accordance with the terms and conditions of this Agreement, including timely completion of the Work in accordance with the standards required by this Agreement and by any Applicable Law;

Contractor is qualified to carry on business in the jurisdictions where the Work will be performed;

There are no claims pending, threatened or anticipated and there is no litigation or proceeding that may have a material adverse effect on the ability of Contractor to perform the Work;

There is no breach by Contractor of any order, approval or mandatory requirement or directive of any court or regulatory authority having jurisdiction or any Applicable Laws that may have a material adverse effect upon any of Greenway's rights or Contractor's obligations under this Agreement.

Assignment by Contractor

Contractor may not assign or transfer any of its rights or obligations hereunder, including the right to the receipt of monies payable by Greenways, in whole or in part to a third party without the prior express written consent of Greenways.

Appendix Seven – Evaluation Criteria

Evaluation Criteria and Ranking Sheet

Criteria	Ranking
1. Experience Demonstrated experience in construction of similar projects, proven past performance, reputation and references.	25
2. Quality Assurance Demonstration of quality of construction in previous projects. Use of best industry practices during construction and adherence to technical specifications that will be used to control the quality of construction.	15
3. Price Cost of the proposal. Bidders are encouraged to develop and prepare additional package combinations or schedule variations that will reduce the cost or provide construction economies without a reduction in safety, quality or efficiency.	20
4. Schedule Adherence to the milestone dates listed in the RFQ	5
5. Safety Demonstrated adherence and commitment to safety, with special attention and focus to all construction activities to ensure the implementation and enforcement of safety matters and regulations.	15
6. Local Content The Contractor is encouraged to utilize the local manpower and resources from the area.	10
7. Adherence to Environmental Requirements The CVGTA is committed to minimizing negative effects on the environment during construction. The Contractor shall demonstrate that the work shall be performed with regard to minimizing disturbance and mitigating environmental impacts.	10

END OF DOCUMENT