



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
Canada Place/Place du Canada  
10th Floor/10e étage  
9700 Jasper Ave/9700 ave Jasper  
Edmonton  
Alberta  
T5J 4C3  
Bid Fax: (780) 497-3510

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Public Works and Government Services Canada  
Canada Place / Place du Canada  
10th Floor / 10e étage  
9700 Jasper Ave / 9700 ave Jasper  
Edmonton  
Alberta  
T5J 4C3

<b>Title - Sujet</b> Apartment Building Construction	
<b>Solicitation No. - N° de l'invitation</b> EW038-201920/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> PCA-EW038-201920	<b>Date</b> 2019-12-05
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-201-11726	
<b>File No. - N° de dossier</b> PWU-9-42151 (201)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2019-12-13</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Mountain Standard Time MST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ho (RPC), Hector	<b>Buyer Id - Id de l'acheteur</b> pwu201
<b>Telephone No. - N° de téléphone</b> (780) 901-0989 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

**JASPER STAFF HOUSING CONSTRUCTION**  
**5 PLEX**

***ADDENDUM No. 2***

***CLARIFICATIONS***

- A.** On Drawing M1.1 Mechanical Legends and Schedules, revise heating boiler schedule as per below.

BOILER SCHEDULE									
TAG	SERVICE & LOCATION	MANUFACTURER	MODEL & TYPE	INPUT (KW)	THERMAL EFFICIENCY %	HEATING CAPACITY (KW)	MAX. WATER FLOW (L/S)	AMP	POWER SUPPLY (V/PH/Hz)
B-1,2	MECHANICAL ROOM	BOSCH GREENSTAR	ZBR28-3A CONDENSING BOILER	29.30	95	26	0.4	15	120/1/60

1. CONTRACTOR MAY SUBMIT ALTERNATIVE EQUAL THAT MUST BE APPROVED

BOILER SCHEDULE						
MAX. WATER FLOW (L/S)	AMP	POWER SUPPLY (V/PH/Hz)	W x H x D	COMMENTS		KEYNOTES
0.4	15	120/1/60	440x850x353	C/W CONDENSER NEUTRALIZER, ZONE CONTROLLER, CONDENSATE HOSE & QUICK CONNECT INSTALL MANIFOLD.		1

- B.** Revise Art 3.5.1.1 of Section 02 82 00.03 revise to “Contractor will be responsible for monitoring air quality on both the inside and exterior of the enclosure, in accordance with applicable Provincial Occupational Health and Safety Regulations.”
- C.** All work is to be completed in accordance with the Best Management Practice for routine Development projects within the Town of Jasper. A copy of the Best Management Practice is included with this Addendum.
- D.** Refer to Dwg A1.0. Supply and install two, 150mm x 150mm x 3m treated posts on the east property line, in order to direct the rain water leaders over the east sidewalk at two locations. Posts are to be installed vertically with one end at a 1.2m depth of bury.
- E.** Large boulders of up to 2m in diameter, in the long direction, can be expected during the excavation of the building foundation. As a result of the expected voids below the building foundations, the contractor is required to retain and pay for their own engineer to recommend a method of filling the voids and to certify that every prepared foundation base can achieve a minimum bearing resistance of 100kPa. The contractor may not pour any footing, prior to submitting their Engineer’s verification of bearing resistance for each footing.
- F.** Refer to revised Drawing A1.0 Site Demolition Plan/ Site Plan included with this Addendum. Revise building location as per dimensions shown on drawing.

- G. Refer to Dwg A2.0 and Dwg S3.1. Revise the following dimensions from the front retaining wall: Revise 4340mm to 4440mm for west retaining wall and revise 1440mm to 1540mm for east retaining wall.
- 

### ***QUESTIONS and ANSWERS***

**Q1** As per the updated 2019 requirements the 1% Asbestos material may need abatement. Please confirm if this is still not included in the Base Bid Price.

**A1** All drywall in the bungalow (walls and ceilings) is considered to be Asbestos Containing Material and is to be abated in accordance with the Asbestos Abatement specifications included in Addendum #1. The drywall material in the garage was added in the last 8 years and is not considered to be Asbestos Containing Material. All drywall abatement work must be completed on site, before the contractor will be allowed to demolish or move the bungalow.

**Q2** The scope mentions lead paint abatement of the exterior paint. Do we know what paint? There are numerous different colours.

**A2** Given that the new lead paint standard is a limit of 90ppm, all exterior paint on the bungalow and garage and all interior paint in the bungalow is considered to exceed the current Health Canada limit and is to be abated accordingly. The interior of the garage was finished within the last 8 years and is assumed to not exceed the current limit for lead paint. The storage shed building was constructed within the last 4 years and is assumed to not exceed the current limit for lead paint. All lead paint abatement work must be completed on site, before the contractor will be allowed to demolish or move the bungalow or garage.

**Q3** As per electrical specification 26-05-00 3.15.1, all wiring is to be in raceways unless noted otherwise and then in specification 26-05-00 3.15.6 note what wires and cabling to be used for each application. After this, specification 26-05-00 3.19.2 notes that NMD90 (loomex) may be used within walls, exposed unfinished areas up to 3M in height and for connections to motors. Please confirm that due to this building being of wood construction that we may use NMD90 (loomex) cabling throughout the building.

**A3** Interpretation of the specification is correct. Lumex may be used as indicated in those areas for which it applies.

**Q4** Electrical drawing E3.0 shows CATV and Telephone each running in a 27mm conduit from the telecom boards to the telecom panels within the suites. Due to the difficulty of installing conduit within a wood structure, would it be acceptable to run these cables free air instead of in conduit?

**A4** Free air is acceptable for CATV and telephone cables.

**Q5** Please confirm that all low voltage cabling and fire alarm can be ran free air within the wood structure as per wood construction standards

**A5** Free air is acceptable for all low voltage and fire alarm cabling.

- Q6** Due to the lengths of the cabling from the meters to the suite electrical panels, it may be required for the metering to contain breakers or for the electrical contractor to provide disconnects. Please confirm what would be required.
- A6** Breakers or an additional disconnect is not required.
- Q7** The counter receptacles in the kitchens (4 per suite) are all shown on the same circuit. As per code there are not to be any more than 2 receptacles per circuit. Are we to add another 20A circuit for the kitchen receptacles and a 20A breaker to each panel?
- A7** Add another 20A circuit to each suite for kitchen receptacles.
- Q8** In suites A, B and C the exterior receptacle has been switched and split. Is the intent to have an Arc fault/GFI breaker for this receptacle as you can not split a GFI receptacle.
- A8** These receptacles are not split.
- Q9** In suites A, B and C there are no smoke/CO alarm in the corridor outside of the bedrooms. As a smoke/CO alarm must be installed within 5M of the bedroom doors, are we to move the smoke alarm that is shown in the living area or add another smoke alarm into the corridor.
- A9** The smoke detectors in the living area can be moved within 5m of the bedroom doors.
- Q10** In all of the suites except suite A, a horn strobe has been placed within the living area of the suite. In Suite A this horn/strobe is not shown. Should we add an additional horn/strobe in this area?
- A10** Add an additional horn/strobe for Suite A.
- Q11** The current lighting control system for the common areas outside of the suites does not comply with either NECB 2012 or NECB 2017. Do we need to be compliant with these codes and if so, how do you want this compliance to be accomplished?
- A11** Add one occupancy sensor to the stairwell at each of the four landings with doors.
- Q12** The luminaire schedule notes Exit lights but no lights are shown on the drawings. Are exit lights required and if so where should they be placed?
- A12** Add one (1) exit light at storage room door to stairwell. Add one (1) exit light in laundry area to exterior and add one (1) at the main entrance on the main floor.
- Q13** How long will it take to award after bid close?
- A13** Bids are valid for 30 days. The intent is to award the contract within 30 days of bid closing.
- Q14** Is the building permit approved?
- A14** The building permit has been preapproved and can be obtained from Inspections Group per Section 01 41 00 Art 1.8, at an additional cost of \$9,915.75. Contractors are to carry this cost in their lump sum bid.
- Q15** Are the subs permits included in the building permit?
- A15** The subs permits are not included in the building permit. Trades permits can be obtained from The Inspections Group or any other provincially accredited agency, at an additional cost to the contractor.

- Q16** The neighbouring sites retaining wall will need to be saw cut at a specific point. How will it be held up after it is cut?
- A16** The assumption is that the existing monolithic retaining wall is continuously supported along its length. If some other condition is encountered, an RFI can be issued at the time to determine how to proceed.
- Q17** In regards to boulder removal, how do we calculate backfill requirements? Is there a specific quantity that needs to be provided?
- A17** Quantities will need to be calculated by the bidder. No unit price will be identified for fill.
- Q18** Is testing of the backfill covered by the owner?
- A18** Quality Assurance testing will be covered by the owner. Quality Control testing to ensure the work meets specifications is the responsibility of the contractor, per Section 01 45 00.
- Q19** Do the individuals connecting the municipal services need to be certified by the specific agencies?
- A19** No, as long as they are qualified to complete the work, they do not need to be certified.
- Q20** Has hazardous material testing been completed on all possible layers of material (multiple layers of flooring or drywall)?
- A20** No, testing has been completed on the visible layers of material. If additional material is found, a Change Order will be issued for removal as required.
- Q21** Is 3<sup>rd</sup> party testing during abatement carried by the owner?
- A21** Section 02 82 00.03 has been amended to have contractor responsible for air quality testing inside and outside of the abatement enclosure. Owner may do additional Quality Assurance testing at owner's cost.
- Q22** What kind of bike rack is required?
- A22** The bike rack is to be a semi vertical bike rack to fit 7 bikes per rack. Basis of design product is the Semi Vertical Bike Rack by Cyclehoop ([www.cyclehoop.com](http://www.cyclehoop.com)) or equivalent.
- Q23** Can a site trailer be set up on the east site?
- A23** No, nothing can be placed on either neighbouring site and fences are to remain and are to be protected.
- Q24** Has asbestos testing been completed on the garage or shed?
- A24** No, the garage was finished approximately 8 years ago and is assumed to not contain asbestos drywall.
- Q25** Is there going to be power or natural gas available to the contractor?
- A25** Utility services will be terminated by the client but service lines will remain in place for the contractor to remove. Contractor can request and pay for temporary power and natural gas, directly from the utility service providers.
- Q26** Who is responsible for removing vegetation that extends over the property line from neighbouring properties?

- A26** The contractor is responsible for removing all vegetation on the site that is either on or encroaches from neighbouring properties. Tree removal may only be completed between August 25<sup>th</sup> to April 18<sup>th</sup> each year.
- Q27** Is a business licence required for work in Jasper?
- A27** A Jasper business licence is required for every business entity working in Jasper at a cost of \$100 for each business entity.
- Q28** Who is responsible to repair damage to adjacent properties?
- A28** The contractor is responsible to repair damage to the adjacent properties during construction. Photographs have been taken to document the preconstruction condition of the adjacent properties and the contractor is recommended to also document any preconstruction damage that they see.
- Q29** Can construction waste be taken to the Jasper Transfer Station?
- A29** All waste material during construction is to be removed and disposed of at an accredited landfill outside of the Park. Excess clean fill and boulders may be taken to the Transfer station, located 12km from the site.
- Q30** What are the allowable working hours?
- A30** Section 01 14 00 identifies the allowable working days and hours.
- Q31** Who do we direct additional questions to during the tender?
- A31** Additional Questions during the tender are to be directed to Hector Ho at [Hector.Ho@pwgsc-tpsgc.gc.ca](mailto:Hector.Ho@pwgsc-tpsgc.gc.ca) or 780-901-0989.
- Q32** Suite D and Suite E – Is the flooring in 04 Storage to be CT rather than LVP? This is inconsistent with other suites storage rooms.
- A32** Flooring in storage rooms D04 and E04 is to be changed to LVP, to be consistent with the other suites.
- Q33** All suites – Is the flooring in areas 01 Living/Dining/Kitchen to be mixed LVP/CT? If confirm extent of area of CT flooring required? (in closet? 4'x4' area at door...?)
- A33** All five living/dining/kitchen rooms 01 are to be revised to LVP throughout.
- Q34** Resilient base – The specification for RWB is for milled wood appearance / rectangular shape. Please offer a basis of design product (Johnsonite Monument 4", solid colour?) so the correct pricing can be carried.
- A34** Acceptable product is Tarkett (formerly Johnsonite) – Solid Colour Wall Base – Monument MW-XX-S4 (profile), or equivalent product.
- Q35** Are the common stairwells and basement finish to be the same base or are those areas to be a conventional rubber cove base?
- A35** The same profile/finish of rubber wall base is to be used throughout.
- Q36** All suites detail Clothing rod @ 1700 AFF, shelf @ 1800 AFF (See note 4 on second and 8 main floor. Can you provide a material for the shelf. White melamine or MDF would be the cheapest. Provide similar clarification for the storage cabinets on all suites.
- A36** All shelving is to be melamine for closets and storage rooms.

**Q<sub>37</sub>** Will the Bidders' sign in sheet be distributed?

**A<sub>37</sub>** The Bidders' sign in sheet from the 27 Nov 2019 site meeting is included with this Addendum.

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***END OF ADDENDUM No. 1***  
(Total 6 pages)



## Best Management Practice

Name of Best Management Practice	Routine development projects within the Town of Jasper
File Number	J16-033
Scope of Application:	<p>This Best Management Practice (BMP) applies to routine projects within the Town of Jasper that require development and/or building permit, including:</p> <ul style="list-style-type: none"> <li>• Construction of new structures;</li> <li>• Demolition, relocation, renovation, addition to and/or modification of existing structures;</li> <li>• Construction, addition or modification of roofs, decks, patios, sheds, retaining walls, fences, driveways, residential parking lots and garages;</li> <li>• Landscaping activities.</li> </ul> <p>Application of this BMP to projects within this defined scope of work will be used in whole, or in part, to fulfill the requirements of <i>Parks Canada Directive on Impact Assessment, 2015</i>.</p>
Method of Administration:	<p>This BMP will be administered by Parks Canada's Municipal and Realty Services. The BMP contributes to streamlining the development review and permitting process for routine development activities within the Town of Jasper, and will be applied as follows:</p> <ul style="list-style-type: none"> <li>• Projects within the scope of this BMP do not require review by Parks Canada's impact analysis specialists.</li> <li>• Holders of development permits and building permits are responsible for the implementation of the BMP and other permit conditions.</li> <li>• The exceptions noted below will involve the Municipal and Realty Services Office consulting with impact analysis specialists for technical and procedural advice concerning any additional requirements that may be warranted on a case by case basis.</li> </ul>
Exceptions:	<p>Additional environmental impact analysis work may need to be completed under the following circumstances:</p> <ul style="list-style-type: none"> <li>• Work that affects or involves Federal Heritage Building Review Office (FHBRO) or buildings listed under the Built Heritage Resource Description and Analysis (BHRDA) (impact analysis or alternative processes may apply)<sup>1</sup>;</li> <li>• Work that is likely to affect individuals or residence or critical habitat of a listed Species at Risk on Schedule 1 of the <i>Species at Risk Act (SARA)</i>;</li> <li>• Work in the riparian zone of Cabin Creek or Cottonwood Creek (i.e.: within 30m of either creek) or within either creek;</li> </ul>

<sup>1</sup> Section 2.4.1 of the *Jasper Community Sustainability Plan* provides direction for maintaining a clear community identity that reflects Jasper's history, landmarks, natural resources and sense of place, and promoting respect and understanding for Jasper's cultural heritage.





	<ul style="list-style-type: none"> <li>• The planned development of previously undeveloped properties, or major changes in land uses (for example, conversion of green space to housing).</li> <li>• Work that involves excavation of contaminated soil (standard industry practices for contamination will be applied);</li> <li>• Other circumstances where the BMP does not address known environmental issues that are associated with the proposed work, or circumstances where the potential environmental impacts of the proposed work are not fully understood.</li> </ul>
Approved geographic area of application:	This BMP will be applied within the Town of Jasper in Jasper National Park of Canada.
Rationale:	<p>The impacts of routine development projects in the Town of Jasper on environmental and cultural resources are well understood through decades of local environmental assessment practice, the application of industry standards, and through consideration and analysis at the various scales of the <i>Jasper National Park Management Plan</i> and Strategic Environmental Assessment, the <i>Jasper Community Sustainability Plan</i> and the Class Screening for Routine Projects in National Parks Communities, [completed under the <i>Canadian Environmental Assessment Act</i> (CEAA) prior to CEAA 2012]. Accordingly, potential adverse impacts can be appropriately managed through implementation of this BMP in conjunction with the requirements of the development review process. Additional tools are available as needed under <i>Parks Canada Directive on Impact Assessment, 2015</i>.</p>

### **Effects Assessment and Mitigation**

<b>Components of the environment that may be affected:</b>
<p><b>Soil/Land Resources</b></p> <ul style="list-style-type: none"> <li>• Slope instability, due to increased soil exposure and improper excavation and storage</li> <li>• Soil contamination (i.e.: from leaks and accidental spills etc.).</li> </ul> <p><b>Vegetation</b></p> <ul style="list-style-type: none"> <li>• Damage to and/or removal of native vegetation in immediate or adjacent areas.</li> <li>• Introduction of invasive species or expansions of existing invasive populations.</li> </ul> <p><b>Air Quality</b></p> <ul style="list-style-type: none"> <li>• Decreased ambient air quality (i.e.: from dust/emissions etc.).</li> <li>• Increased ambient noise levels.</li> </ul> <p><b>Fauna</b></p> <ul style="list-style-type: none"> <li>• Wildlife habituation/attraction to artificial food sources.</li> <li>• Damage to nests/disturbance to nesting birds.</li> <li>• Disturbance to species which are listed under the <i>Species at Risk Act</i> and other wildlife.</li> </ul>



### **Water Resources**

- Impacts to surface and groundwater quality (e.g.: through surface run-off; storm-water drainage to the Athabasca River) that may occur due to erosion of bare ground, sedimentation, transportation of debris and contamination from leaks and accidental spills, etc.).

### **Cultural Resources**

- Adverse effects on the heritage value or character-defining elements of a cultural resource, and specifically structures listed under the *Federal Heritage Building Review Office (FHBRO)* or the *Jasper Built Heritage Resource Description and Analysis (BHRDA)*.
- Impacts to unknown archaeological resources.

### **Public Safety and Visitor Experience**

- Adverse effects on use and enjoyment of public and private property associated with construction activities: noise, air quality from dust or emissions, visual/aesthetic impacts, traffic or circulation disruptions.

**Mitigation Measures** associated with third party routine building projects within the Town of Jasper listed below:

#### **1- Laydown/Staging Areas**

- 1.1 Laydown and staging areas must be on existing hardened areas wherever possible.

#### **2- Equipment Operation**

- 2.1 Equipment must be in good operating order, free of leaks (e.g., fuel, oil or grease), and fitted with standard air emission control devices prior to arrival on site.
- 2.2 Minimize idling of engines, contingent on operating instructions and temperature consideration.

#### **3- Spill Response and Soil Contamination**

- 3.1 A spill kit capable of handling 110% of the total fuels on-site must be available at worksite and all personnel trained in its use.
- 3.2 In the event of a spill, implement spill response procedures immediately and notify the Parks Canada Environmental Surveillance Officer (or designate) at 780-883-0794. If 100 litres or more of a petroleum product has been released into the environment please call 9-1-1 immediately.
- 3.3 Vehicle refueling must take place at licensed facilities (gas station), on impervious surfaces (roadways or parking lots) or on tarp.
- 3.4 If any soil contamination is found, work must cease immediately at that location. The Parks Canada Environmental Surveillance Officer (or designate) must be notified immediately at 780-883-0794.

#### **4- Vegetation and Soil Management**

- 4.1 Equipment from outside the national park must be washed cleaned prior to arrival.
- 4.2 Ensure excavated material does not damage or bury plant material that is to be retained on the site or in adjacent areas.



- 4.3 Optimize degree of compaction to minimize erosion and allow for re-vegetation. Native species with low palatability to wildlife are recommended to avoid attracting wildlife.
- 4.4 Topsoil must be salvaged, stockpiled and used in restoration activities. Stockpiles must be covered to prevent erosion.
- 4.5 Topsoil and seed mixes from outside the national park must be certified weed-free.

## **5- Wildlife**

- 5.1 Wildlife attractants, such as food, must be kept in wildlife-proof containers.

### *Special Considerations for Bats (Species at Risk):*

- 5.1 For building and roof renovations during the breeding season of bats (April 15 to September 1), the presence/absence of bats in the building must be determined and confirmed at least two weeks in advance to work commencing. Results must be documented and provided to Parks Canada. Use of acoustic monitoring equipment is recommended to supplement the initial survey if a building is suspected to be bat habitat. Presence/absence checks must be completed by a qualified individual familiar with bat ecology and bat roosts, and an inspection form is available upon request. If bats are present, Parks Canada will evaluate whether or not the building is used as a maternity roost to determine next steps.
- 5.2 If bat(s) are found during building and roof renovations between October 1st and April 15th, contact Parks Canada. Parks Canada will evaluate whether or not the building is being used for hibernation.
- 5.3 If a bat is found in a building while work is taking place, stop work and allow the bat to exit on its own. Ensure it has access to the outside via open door(s) and/or window(s). If bats won't exit, they return or continue to be found, contact Parks Canada who will need to evaluate whether the bat is passing through or using the location as a maternity roost or hibernation site to determine next steps.
- 5.4 If dead or injured bats are found, leave them as found and notify immediately the Parks Canada Environmental Surveillance Officer (or designate) at 780-883-0794.
- 5.5 A qualified individual should safely collect (i.e., wear gloves) dead bats to be tested for White-Nose Syndrome (WNS) as per Section 1.1.4 of the Parks Canada *Standards for Managing Bats in Protected Heritage Areas*.

### *Special Considerations for Migratory Birds:*

- 5.6 For projects requiring the removal of trees and/or shrubs: The local nesting for breeding migratory birds generally occurs during April 19 - August 24. During this time the destruction of an active nest is prohibited. Plan ahead to complete tree removals and clearing activities outside of that time period.

## **6- Water Course Protection**

- 6.1 No rock, silt, cement, grout, asphalt, petroleum product, lumber, vegetation, domestic waste, pesticide, herbicide or any deleterious substance will be placed or allowed to disperse into any sewer, or other water course.

## **7- Cultural Resources**

- 7.1 If cultural artifacts are discovered, they must be left undisturbed where they were found and work must stop immediately in that location. The Parks Canada Environmental Surveillance Officer (or designate) must be notified immediately at 780-883-0794.



## 8- Energy efficiency

- 8.1 Exterior lighting should meet the Parks Canada Dark Skies lighting policy (information is available at the Parks Canada Realty/Development Office)


## 9- Waste Management

- 9.1 The construction site and adjacent areas must be maintained in a tidy condition, free from the accumulation of construction waste products, debris and garbage.
- 9.2 Ensure all waste is stored and handled in compliance with the National Park Garbage Regulations. Burning or burial of waste is not permitted
- 9.3 Contact Parks Canada's Parks Canada Realty/Development Office at 780-852-6220 for up to date information concerning waste that may be accepted at the Jasper Waste Transfer Station. Operating policies and fees are subject to change.
- 9.4 Parks Canada's general requirements are that waste must be source separated and disposed of as follows:
- a. **Sorted materials:** including clean wood, glass, metal, concrete and clean fill may be accepted at the Jasper Waste Transfer Station or a licensed landfill site and recycled where possible.
  - b. **Cardboard (All types):** must be recycled at a licensed recycling facility.
  - c. **Unsorted waste:** including drywall, carpets, treated or painted wood (i.e.: Cedar shingles), asphalt, tar paper, tar and gravel shingles and other mixed construction debris must be disposed of at a licensed landfill site.
  - d. **Hazardous waste:** such as contaminated soil, fuel tanks, lead paint, asbestos, mercury switches and light ballasts must be disposed of at a licensed landfill site.

## 10- Health & Safety

- 10.1 The construction site must be secure and safe at all times. All site activities must comply with federal and provincial occupational health and safety legislations.
- 10.2 Any trench at worksite left over night will be fenced in to restrict access by people and/or wildlife.

## Approval

Salman Rasheed, Acting Jasper Field Unit Superintendent	Date:
Signature: 	MAR 12, 2017



### Bidders' Site Meeting Attendance Sheet

Representative	Company	Telephone/E-mail
Rob Hafer	Public Services and Procurement Canada	
Kyle Wilson	Donalco Western	
Dean Beckett	Advanced Remediation Solutions	
Brent Lowry	Whitson Contracting	
Steve Friesen	K-Rite Construction	
MOHAMMAD HUSSAIN	LANDTEC CONSTRUCTION	
Winnie Mak	Binder Construction	
Dean Caul	Westcon	
Matt Whiffin	Johnston Builders LTD.	
Rick Emmons	Donalco Western	
Can-Tr Investments Inc.	Veyse Arslan	

[illegible]

