

PROCUREMENT SERVICES

CITY OF SURREY, SURREY CITY HALL 13450 – 104 Avenue, Surrey, B.C., V3T 1V8 Tel: 604-590-7274 E-mail: purchasing@surrey.ca

ADDENDUM No. 4

REQUEST FOR QUOTATION No.:	1220-040-2021-061
TITLE:	SOUTH SURREY INDIGENOUS CARVING CENTRE
ADDENDUM ISSUE DATE:	NOVEMBER 30, 2021
(REVISED) DATE:	PREFER TO RECEIVE QUOTATIONS ON OR BEFORE DECEMBER 16, 2021

INFORMATION FOR CONTRACTORS

Contractors are advised that Addendum No. 4 to 1220-040-2021-061 is hereby issued by the City. This addendum shall form part of the contract documents and is to be read, interpreted and coordinated with all other parts. The following information is provided to answer questions raised by Contractors for the above-named project, to the extent referenced and shall become a part thereof. No consideration will be allowed for extras due to the Contractors or any sub-contractor not being familiar with this addendum. This Addendum No. 4 contains eighteen (18) pages.

QUESTIONS AND ANSWERS:

- Q1. On The architectural drawings A3.00 South Elevation # 7 shows the bathroom vent on the side of the building just down from the roof line. Will there be a drop ceiling or a bulkhead in the bathroom?
- A1. The drywall ceiling has been dropped 305 mm to accommodate the exhaust fan and duct work. The dropped ceiling is @ 3070 AFF. The exhaust exterior louvre will be relocated and routed to the west elevation. The same fan location and pipe distance is desired. This change will be addressed in IFT documentation. Please also refer to See Attachment 1 (Consultant's "Addendum 02").
- Q2. Is the contractor to carry the cost of the geo engineer or will the city be covering that?
- A2. Refer to Addendum 2.
- Q3. We can't find Appendix A Finish schedule for the flooring, no specific flooring is specified, please clarify.
- A3. Refer to Addendum 2.

Q4. Electrical drawings E0.01 Key Notes 5. Contractor to scan the ground with ground penetrating radar prior to ant trenching. If this has to be done, why are we not scanning the area of the new addition to the carving center at the same time and the just doing the dig? Or are we doing the trenching in 10cm lifts at a time?

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- A4. The intention across all disciplines of work is to ensure the contractor is aware of the site conditions and conducts the work or any aspect of the site works with care and attention. If the potential of crossing or conflicting services exists in any areas of the excavation the expectation is that the contractor will conduct the necessary testing, scoping, or scanning. In this particular project circumstance, the excavation and trenching on-site will follow the archeological requirements of excavating in shallow 10cm lifts and will likely permit sufficient attention towards ensuring that no adjacent services piping, or unidentified underground utilities are adversely affected. This circumstance shall not derogate the contractor from identifying in advance any conflicts or concerns, conducting regular BC One Call for any service identification or location, or limit the contractor's responsibility in conducting the work in any area of the site.
- Q5. Is there a specification for the depth of the topsoil required for the landscape restoration?
- A5. See Attachment 1 (Consultant's "Addendum 02").
- Q6. Is there a specification for the topsoil and sod?
- A6. See Attachment 1 (Consultant's "Addendum 02").
- Q7. Is there a schedule for the door hardware as per A6.00?
- A7. Reference Specifications Section 08 71 00 Clause 2.10, Add Set No. 3 Electrical Closet Door, Mortise Deadlock, 3 pair NRP Butts, surface mounted flush bolts for fixed leaf. Finger pull trim.
- Q8. Is there a specification for the door fire-rating?
- A8. There are no fire rated doors specified or indicated on drawings. please clarify your question.
- Q9. Please provide detail for the new lockable Barn door and supplier as per drawing A2.10.
- A9. Reference Specifications Section 08 71 00 Clause 2.10 There is sufficient information on drawings and specs to price.
- Q10. Provide details for the exterior tactile walking surface.
- A10. Tactile surfaces shall be ExtremeGrip® Tape Tactile Rubberized Surface at top of stairs model S19964BL 125mm X 600mm for each riser Model S19963BL 50mm x 600mm Color: Black. As supplied by Uline.ca. Ensure application on clean, dry surface.
- Q11. The mechanical schedule on the electrical drawings says that the baseboard heater is supplied by mechanical, and the radiant heaters are supplied by electrical. But the mechanical schedule on the mechanical drawings say that the baseboard heater is supplied by electrical, and the radiant heaters are supplied by mechanical. Please confirm which one it is.
- A11. Baseboard heater specified by Electrical installed by electrical and wired by electrical. Radiant Panels specified by Mechanical installed by mechanical and wired by electrical
- Q12. Please provide specs for the baseboard heaters.

A12. Refer to Drawing E2.0.

- A13. This work is not included at this time.
- Q14. Provide spec for the lockable bypass panels.
- A14. Reference Specifications Section 08 71 00 Clause 2.10 There is sufficient information on drawings to price. Locking method has not yet been determined as this is an operational consideration for the City to consider.
- Q15. Provide specification for FRP-1, FRP-2 and VCT-1.
- A15. Refer to Addendum 2.
- Q16. Specification mentions Appendix A, cannot seem to find Appendix A, please advise.
- A16. Refer to Addendum 2.
- Q17. Hardware schedule for the washroom and closet door.
- A17. Reference Specifications Section 08 71 00.
- Q18. In the table of contents of the architectural specs, Spec Section 02 82 13 Hazardous Material Abatement is listed. However, there are no specs! Does it apply to this project?
- A18. No. Boat shed was built in 1993-94, therefore it is presumed that there are not asbestos containing materials. Hazmat Report for Lead containing materials will be posted in a subsequent addendum.
- Q19. In the table of contents of the architectural specs, the following spec sections are listed but there are no specs. Do these apply to this project?

08 87 33 - Decorative Film

09 22 00 - Non-Structural Metal Framing

09 31 00 - Ceramic Tile

09 15 00 - Acoustic Ceiling Tiles

09 68 00 - Carpeting

10 05 00 – Miscellaneous Specialties

10 14 00 - Signage

12 41 00 - Office Accessories

A19. No – These are in error and will be deleted.

Q20. Could you confirm the total count for the type F fixtures? Electrical drawings E1.00 indicate 33 but only 30 are noted on the detail drawings.

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- A20. Refer to Addendum 2.
- Q21. Looking to know the depth required, what size of aggregate, is there to be a binder in it? Any subgrade/geotextile build up beneath it?
- A21. Refer to City of Surrey MMCD Gravel Pathway Specifications Sketch SSD PK-4040 attached – light duty use. Contractor shall make good grades around the building to match finished grade of path at building perimeter nominal path width of 1600mm.
- Q22. Could you provide the spec for the type and finish to WD-2?
- A22. Painted plywood. Same specifications as PT-2 with semi-gloss finish.
- Q23. Please provide specs for WD-2.
- A23. Painted plywood. Same specifications as PT-2 with semi-gloss finish.
- Q24. Scope of work. Is this to include the supply of the millwork, SS countertops only, or is it to include the Finish Carpentry part including installation of hollow metal doors, wood doors, finish hardware and washroom accessories?
- A24. The drawings and specifications outline the scope of work for contractors to include in their price, division of individual work packages or subcontracts is up to the contractor.
- Q25. Could you provide the cut sheets?
- A25. Refer to Addendum 2.
- Q26. Is the SS countertop to be fabricated with no seams? (Site welded) or is the countertop constructed as modular?
- A26. The SS Countertop should be seamless and site welded.
- Q27. Is the sink SK-1 interregnal or is it top mounted as in section 6/A7.00?
- A27. Currently the design is not account for an integrated sink.
- Q28. Dose the counter SS top extend down to existing deck in section 7/A7.00 and 8/A7.00. If not please provide finish type for this area?
- A28. The SS countertop will extend down to the deck.
- Q29. A1.00 notes: "New Grave Path, refer to Civil" C-01 notes: "Proposed Gravel Path" Please confirm width, specifications, details.
- A29. Refer to City of Surrey MMCD Gravel Pathway Specifications Sketch SSD PK-4040 attached – light duty use. Contractor shall make good grades around the building to match finished grade of path at building perimeter nominal path width of 1600mm.
- Q30. A2.10: "Tactile Warning Surface" Please provide specification.
- A30. Tactile surfaces shall be ExtremeGrip® Tape Tactile Rubberized Surface at top of stairs model S19964BL 125mm X 600mm for each riser Model S19963BL 50mm x 600mm Color: Black. As supplied by Uline.ca. Ensure application on clean, dry surface.

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Q31. In the insurance instructions, you ask us to cover the replacement value of the property insured (i.e., the existing building). Can you please let us know what is the replacement cost value of the existing part of the building?

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- A31. The value is \$97,400.
- Q32. On the utilities plan, there is a note for the 50mm Polyethylene Water Service noting "Restrained Full Length". Please specify the restraint requirements for this line.
- A32. The line needs to be mechanically restrained full length. As long as the contractor is using 50mm PE materially as specified and they do not cut it midway and use fittings to joint just the material itself will be considered restrained because it is one continuous piece. Where they tie to the main and to the building, if they are using compression fittings or another type that mechanically connects the water service to the fitting that will be sufficient.
- Q33. Please confirm if glulam beams and columns are to be Douglas F-Larch or SPF.
- A33. Review structural drawings and specifications / performance requirements for Glued Laminated Timbers.
- Q34. In the millwork drawings, it calls for WD2 on the cabinets but I don't see a spec WD-2. Please clarify.
- A34. Painted plywood. Same specifications as PT-2 with semi-gloss finish.
- Q35. Re SS Perforated Panels We understand panels are only available in 4'x12' sheets. Please provide details on sheet orientation and installation at the seams.
- A35. Orientation is to be vertical. They will be pin mounted to the structure behind. Please refer to architectural detail 8 on sheet A4.10. Please also note that the architectural notes have been revised and issued as part of Addendum 2, Attachment 1.
- Q36. On A6 door and frame schedule, the hardware number is left blank. Please provide a spec for the hardware.
- A36. Refer to Addendum 2.
- Q37. Is the custom wood exterior paneling/screening western red cedar? Please clarify.
- A37. Refer to Addendum 2.
- Q38. Architectural Drawings A2.10. Confirm door construction for "New Sliding Door" and for "New Lockable Barn Doors"
- A38. Refer to Architectural Drawing A6.00.
- Q39. Do you have a detail/spec for the gravel trail? I cannot seem to find any.
 - a. Looking to know the depth required, what size of aggregate, is there to be a binder in it? Any subgrade/geotextile build up beneath it?
- A39. Refer to City of Surrey MMCD Gravel Pathway Specifications Sketch SSD PK-4040 attached – light duty use. Contractor shall make good grades around the building to match finished grade of path at building perimeter nominal path width of 1600mm.
- Q40. There is no spec or model in the Mech. schedule for BBH-1 baseboard heater on M1.01.

A40. Refer to Drawing E2.0.

- Q41. In Plan 1/E2.00, we see symbols for 2 smoke detectors and 2 horns! Are they required? In Division 31 of the Electrical Spec (plan E3.00), it states that the fire alarm is not applicable! If they are required, are they line voltage? If they are a low-voltage system, are the horns supposed to be part of the FA system? Are they stand-alone or tied to another building? If tied to another building, who is the manufacturer of the existing fire alarm system?
- A41. Regarding the smoke detectors, please reference drawing E2.00 General Note B and Drawing E3.00 Specification 38.12. Regarding the horns, as per symbol schedule on E0.00, these are Security Horns.
- Q42. Please confirm if any of the wood sliding doors and barn doors require a fire rating.
- A42. Please refer to specifications section 08 14 00.
- Q43. Can you ask the electrical engineer for their list of security and network/data components? Their security consultants or their own internal team members would have had to compile a listing of these components as they noted them on the electrical drawings. With most of the new CAD software that engineers use, these lists can be automatically generated.
- A43. Please see drawing E2.00 Key Notes 1 & 2 for specified Data Rack and Intrusion Alarm Panel.
- Q44. We are still getting requests from multiple subcontractors for an extension to the tender date. Is this being considered?
- A44. Refer to Addendum 3.
- Q45. What level of complexity is client looking for in DMX addressing? DMX tape light can be addressed in pixels as small as every 100mm, or we could address each run as a single pixel.
 - a. The number of DMX channels required for small pixels will determine controller, as the iPlayer and our Nicolaudie Stick DE3 proposed against it only support 2 universes max. From rough calculations we would run out of universes within the first wall of lights at 100mm pixel addressing.
 - b. We can support many universes with a higher-grade controller, but if they are looking for single segments per run, we can accomplish this easily with the Stick DE3 controller.

A45. See Attachment 1 (Consultant's "Addendum 02").

- Q46. Is there a preference for running DMX cable to the lights? Each Type F segment will require a 24V driver and a DMX input cable. Your detail shows LED drivers in the Data Closet.
 - a. Is the intent to run the 24V power in slab or ceiling? I'm going to need to check with manufacturer for cable and distance spec for remote mount drivers.
 - b. At top or bottom of each strip we will need a power/data T-Cable to accept the 24V and DMX data for each run.
 - c. I can provide rack or enclosure mount splitters in the Data Closet and homerun DMX to each segment through separate conduit in ceiling or slab.
- A46. See Attachment 1 (Consultant's "Addendum 02").

Q47. Further follow up to this.

Detail 2, E2.10 only shows 7 segments, drawing E.100 indicates 8 in this location.

Detail 3, E2.11 only shows 3 segments, drawing E.100 indicates 4 in this location.

Detail 4, E2.11 only shows 5 segments, drawing E.100 indicates 6 in this location.

As the addendum 2 Type F lengths match E2.10 counts and E2.11 counts I am assuming there is a total of 30 segments, not 33 as indicated in E1.00?

A47. See Attachment 1 (Consultant's "Addendum 02").

- Q48. Please issue the list attendees from the site visit.
- A48. See Attachment 2 Information Meeting Sign-In Sheet.

ATTACHMENT 1 – (CONSULTANT'S "ADDENDUM 02").

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Surrey Indigenous Carving Centre City of Surrey ADDENDUM #02

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ADDENDUM #02

This Addendum is in addition to and forms a part of the Contract. The cost, if any, of this revision(s) shall be included in the Contract price. All bidders shall acknowledge receipt and acceptance of this addendum by indicating Addendum number, date, and description, on the Tender Form provided. The revision(s) is as follows:

REFERENCE ARCHITECTURAL SPECIFICATIONS AS FOLLOWS:

Section 08 71 00 – 3. Hardware Sets – Add:

Set No. 3

Mortise Deadlock, 3 pair NRP Butts, surface mounted flush bolts for fixed leaf. Finger pull trim.

- Add Section 31 08 13 Growing Medium Preparation & Placement (attached)
- 3. Add Section 32 92 13 Hydraulic Seeding (attached)

REFERENCE ATTACHED MECHANICAL ADDENDUM 01 REFERENCE ATTACHED ELECTRICAL ADDENDUM 02 REFERENCE ATTACHED CITY OF SURREY MMCD TYPICAL GRAVEL PATH SSD-PK4040

END OF ADDENDUM #02

- .1 Provide all labour, services and material necessary to prepare, supply and install growing medium as specified herein.
- .2 On Site and Imported Soil – placed in scarified native soil in arounds around trees, planting beds and lawn areas impacted by construction and adjacent to the building.
- .3 Do not place growing medium until sub grades have been inspected and approved. Advise Owner of sources of growing medium to be utilized on this project a minimum of ten days (10) prior to starting work of this Section.
- .4 Carry out growing medium preparation and placement such that the final product matches the standard set by the samples submitted, within a range of variation that may reasonably be expected with good quality control.
- .5 Protect growing medium and additives against extreme wetting by rain or other agents, and against contamination by weeds and insects.
- .6 Stockpile materials in bulk form in paved areas and provide protection by storing under roof or tarpaulins. Take all necessary precautions to prevent contamination of component materials from wind blown soils, weed seeds and insects. Contamination of individual components may result in rejection, if used.

2.1 On Site/Imported soil

- On site/ imported soil shall be friable "A Horizon" topsoil to the requirements of the B.C. .1 Landscape Standard, stripped and stockpiled on site in an approved location. Stripping and stockpiling work shall be such that the soil is not damaged or contaminated
- .2 Soil shall be on site sandy loam or loamy sand texture containing between 3% and 15% organic matter (dry weight basis). Soil shall be virtually free from subsoil, wood including woody plant parts, weeds, stones over 30mm, pests, undesirable grasses or weeds, and seeds or parts thereof and foreign objects. Soil shall be free from crabgrass, couch grass, equisetum, convolvulus or other weeds or seeds or parts thereof.
- .3 Soil shall be suitable for modification by screening and additives to meet the requirements for Growing Medium
- .4 Growing medium shall consist of stockpiled on site soil or imported, screened, augmented and installed in lawn areas required to make good all areas of construction.
- .5 Growing medium shall be moist but not wet when placed. It shall not be handled in anyway if it is wet or frozen. Place all growing medium to the required finished grades. Except where drawings or details show otherwise, place to the following minimum depths and levels (measured after initial settling of growing medium):

Depths:

Low or High Traffic Lawn Areas on 6" minimum depth

Levels:

For Lawn Areas

Flush with adjacent surfaces after initial settlement

.6 Growing medium shall be placed over prepared sub-grade and shall be allowed to settle or be compacted by light rolling such that it is firm against deep footprints. Do not compact more than is necessary to meet this requirement.

.7 Spread growing medium in uniform layers not exceeding 150mm in depth. Slops away from building for positive drainage.

END OF SECTION

- .1 Furnish all labour, products and equipment required for grass hydraulic seeding.
- .2 Granular Fertilizer shall be standard approved brands delivered in original containers, bearing manufacturers guaranteed analysis, dry and free-flowing, organic base, conforming to the applicable Provincial Fertilizer Laws, and meeting the requirements set out in the soil analysis report and as stated in Section 31 05 13 'Growing Medium Preparation + Placement.' The nitrogen shall be sulfur-coated urea.
- .3 Grass Seed shall be mixed and supplied by a recognized seed house and delivered in original containers clearly showing:
 - .1 Name of supplier
 - .2 Analysis of seed mixture
 - .3 Percentage of pure seed
 - .4 Year of production
 - .5 Net weight (mass)
 - .6 Date and location of bagging
- .4 Seed is to be in accordance with Federal and Provincial seed laws having a minimum germination of 75% and minimum purity of 97%.
- .5 Grass seed is to meet the requirements of the Canada Seed Act for Canada No. 1 seed.
- .6 Coated seed or seed otherwise altered from its natural condition except legume seed shall not be acceptable. Legume seed shall be coated with appropriate bacterial cultures to ensure nitrogen fixation.
- .7 Seed Mix: Kodiak Costal Revegetation Mix from Quality Seeds West (or approved equal), 17802 66th Avenue, Building B, Surrey, BC V3S 7X1 (604.574.7333).
- .8 The Owner or representative may test seed for purity and germination.
- .9 Hydraulic seeding Mulch: Provide hydraulic seeding solution containing a mulch of wood cellulose fibre specifically designed for hydraulic seeding containing no growth or germination inhibiting factors, and dyed green for visual metering during application.
- .10 Hydraulic mulch to be capable of dispersing rapidly in water to form homogenous slurry and remaining in such a state when agitated or mixed with other specified materials. When applied, hydraulic mulch is to be capable of forming absorptive mat, which will allow moisture to percolate into the underlying soil. Mulch is to be dry and free of weeds, weed seeds and other foreign material, and to be supplied in packages bearing manufacturers label clearly indicating the weight and product name.
- .11 Tackifier shall be a dry powdered mucilloid designed for hydro seeding. It shall be 'M-Binder' or approved equal.

3.4 ACCEPTANCE:

- .1 Areas will be accepted by Owner provided that:
 - .1 Growing medium quality, fertility, levels, depths and surface conditions are as set out in this Standard.

- .2 Grasses are the required varieties, free of varieties other than those specified.
- .3 Grass areas are relatively free of weeds, containing no more than two (2) broadleaf weeds or ten (10) annual weeds or weedy grasses per 47.8 square yards.
- .4 Grasses shall be established in sufficient density that no surface soil will be visible when they are mown to a height of 2"
- .2 Areas seeded in fall will be considered for acceptance the following spring one month after the start of the growing season, provided that all acceptance conditions have been fulfilled.

END OF SECTION

South Surrey Elgin Heritage Park/Historic Stewart Farm - Indigenous Carving Centre Addendum Number One (1) 273b-015-21 November 23, 2021

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The following addendum supersedes information contained in drawings and specifications issued for the project to the extent referenced. This Addendum forms part of the Tender Documents and is subject to all of the conditions set out in the contract conditions.

1. DRAWINGS – MECHANICAL

1.1 Drawing No. M1.01:

- .1 Revise:
 - .1 Exhaust ductwork from exhaust fan EF-1 to be exhausted out the west wall of the building instead of the south wall.

END OF MECHANICAL ADDENDUM NO. 1



ADDENDUM #2

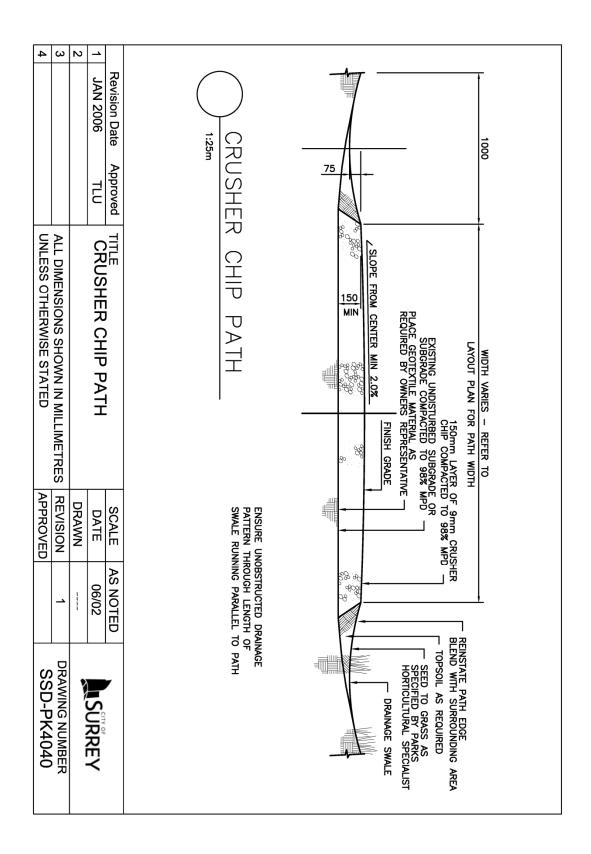
PROJECT NO:	21-082	DATE:	November 29, 2021
PROJECT NAM	E: South Surrey Indigenous Carving Centre	ISSUED BY:	Krishan Bhardwaj
TO:	Attn: Mina Parsian O4 Architecture 2386 Oak Street Vancouver, BC V6H 4J1		

The following Addendum shall form part of the referenced tender document for the stated project above, and is to be read, interpreted, and coordinated with all other items. As such, all costs for work performed herein, shall be included within the tender. Thus, the following revisions supersede any information contained within the project's original drawings and specifications. Except for items outlined below, all other terms and conditions shall remain the same as in the original tender documents and if applicable, any previously issued addenda.

1. TYPE F FIXTURES QUANTITY AND LENGTH

- 1. **Clarification:** Provide DMX Controller to control each Type F fixture individually. Each Type 'F' fixture shall not be segmented for DMX control.
- 2. **Clarification:** DMX Controller shall be as specified on Drawing E1.00 Key Note 7 or equal.
- 3. Clarification: DMX Control cables shall be run in a similar manner to power cabling.
- 4. Clarification: Refer to Architectural Drawings for mounting heights of Type 'F' fixtures.

END OF ELECTRICAL ADDENDUM NO. 2



ATTACHMENT 2 – INFORMATION MEETING SIGN-IN SHEET

All Addenda will become part of the Contract Documents.

- END OF ADDENDUM -

INFORMATION MEETING ATTENDANCE SHEET

Project Title: South Surrey Indigenous Carving Centre

Project Reference No.: 1220-040-2021-061

Information Meeting Date: November 10, 2021

Information Meeting Address: Stewart Farm House - 13723 Crescent Road, Surrey, BC

Staff in Attendance:

Staff Name	Signature	Staff Name	Signature
1)		3)	
2)		4)	
Consultant(s) in Attendance:			

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Signature				
Representative Name				
Consultant's Company Name	1)	2)	3)	4)

Proponents in Attendance:

5) 4) 3) 2) 1)	Vous Respects CH. Wous Respects CH. IPE LOWAT. IPE LOWAT. CONST. CONST. CONST. Folifice Const. Folifice Const.	Case Micon Case Micon REZA AF ZALI REZA AF ZALI Bened Tederecun	Signature
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8)	NOVACON	RWTHWYFINCH SECAGTIAN DEE	Course 327 2 20
(6	GPM CIVIL CONTRACTION	PAUL O'ROUREE	
10)	Green Terra Development	Rej La dias	- 122-
11)	heredu	Ler FULLY	604 364 8119
12)	Den Welsh	Archercology Service 5 Terrighmed First Nation	A A A A A A A A A A A A A A A A A A A
13)	KJS Construction	HARIE Hedricia	
14)	SAJO INC	Justme Belanger	& Je
15)	Fricia Const	for landor Menlen	
16)	Bostan Contruction	Remeters Phoilz	