

# **REQUEST FOR PROPOSALS**

## ***TO PROVIDE TUNNEL COMMUNICATIONS EQUIPMENT***



**Park City Municipal Corporation**

P.O. Box 1480

Park City, Utah 84060

**Issued August 6, 2014**

## GENERAL INFORMATION

### Introduction

Park City Municipal Corporation (PCMC), located in Summit County Utah, is soliciting Proposals from qualified firms to furnish and make operational a tunnel communications system to facilitate two-way communications from within an existing mine tunnel. PCMC operates and maintains two existing mine tunnels for the purposes of water delivery and treatment. Staff has reason to enter a total 24,000 feet of the tunnel system to perform maintenance and to monitor water quality and flowrates. For safety, tunnel maintenance, and operations purposes, communications with personnel when they are inside the tunnel and with equipment permanently located within the tunnel is required. It is the intent of the City to have the vendor provide a complete communications system for installation by the City's staff and mining personnel and field verify proper installation. PCMC will provide the services of an electrical and SCADA contractor to provide and install required electrical connections to the communications system.

Installation of the communications system within the mine tunnel will be completed during the mine tunnel maintenance period in the winter of 2014/2015 and operational by March 1, 2015.

### Scope of Project

The purpose of this project is to provide the City with a reliable communication system (both within and from within to outside the tunnel). The scope of work involves, but is not limited to, providing and verifying installation of a tunnel communications system which includes equipment, software, hardware, all necessary training, installation support, and startup assistance.

Vendor will provide communications infrastructure within Park City's maintenance easements inside two mine tunnels (Judge and Spiro) that will allow for voice communications, with the ability to expand into other functionalities such as, but not limited to, personnel location, video communications, and remote gas monitoring. Both tunnels are hard rock drain tunnels with extremely damp conditions that have no AC power beyond 300' from the portals. The two portals and the City's Operations Office are all several miles apart. There are no office or operational facilities at either portal. The scope of this project does not include establishing communications between the two tunnels and City offices, only within the tunnels to the portals. Maintenance and/or other work only occurs in one tunnel at a time.

- Judge Tunnel - Maintenance occurs along a corridor up to approximately 20 feet wide and 10,000 feet long of varying depth.
- Spiro Tunnel - Maintenance occurs along a corridor up to approximately 20 feet wide and 14,000 feet long of varying depth.

Vendor infrastructure will:

- Meet all applicable MSHA, FCC, and other applicable standards.
- Provide wireless communications throughout PCMC's tunnel easements without needing line of sight, but only if line of sight is unavailable.
- Provide remote, web-based access to information coming from the system
- Perform self-diagnostics
- Interface with common communication protocols in order to send out alarms, data, or messages.

- Interface with common communication protocols to allow voice transmission via cellular phone or land line
- Provide enough communications equipment to allow for up to six individuals to independently communicate in the mines at one time, with two backup units.
- Be robust enough to continue to work in the event of a partial tunnel collapse.
- Integrate with IP based communications protocols

#### Potential Technologies

- Temporary Leaky Feeder Systems
- High Speed Ethernet - CMTS Leaky Feeder Systems
- Passive Radiating Cable Solutions
- Fiber Connectivity
- Wi-Fi & Mesh Networks

#### Services

- After Installation remote and on-site Service/Support/Maintenance
- AM and FM Rebroadcast, Voice Break-in, DAB System, VHF and UHF Radio, Mobile systems: 3G, GSM, PCN
- Data - Wired LAN/WAN
- Applications - Environmental Monitoring, Video, Assets/Personnel Tracking, Fire Warning/Safety Systems
- Mobile Data - Wi-Fi Hotspots

*At any time, the City may also elect to amend the contract to include maintenance services. A fee would be negotiated for this item, if needed.*

This scope of services applies to the provision of materials for the communications systems as well as design, layout, installation field verification, implementation assistance, and other potential work outlined in this document. The intent is to ensure that a complete operable system is provided. The successful Proposer shall provide all necessary personnel, materials, and equipment to provide the services described in this Request for Proposal (“RFP”). Among the tasks to be considered include, but are not limited to, the following:

**TUNNEL ENTRY REQUIREMENTS** - In order to be eligible for Tunnel entry each entrant must comply with the City’s Standard Operating Procedures. Offerors must be willing to sign a waiver for those entering the tunnel. Tunnel entry will be under the supervision of City mine certified operators.

#### Project Management:

Consultant’s project manager shall coordinate with PCMC Water to ensure that; the work performed is part of an open, professional, and communicative project team; all project elements are effectively integrated and efficiently evaluated; and that established budgets and schedules are met.

#### Equipment and System

Develop and provide a tunnel communications system as outlined in the following tasks. The system is to include the following elements associated with the complete tunnel communication system.

##### **a) Services:**

- (1) Installation

- (2) Scope includes hardware, associated software, training, and equipment list. There will be a minimum of 24 hours of software and hardware training for City staff. Scope of training, and training timeline, attendees, etc. to be mutually agreed upon by vendor and City.
- (3) Vendor shall warranty tunnel communications system for a period of one (1) year after system is operational. Vendor shall address warranty period and coverage in bid.
- (4) Vendor shall offer City a maintenance contract for all system components including the equipment, software and computers after any warranty period ends. Note: Maintenance contract coverage and pricing is to be itemized as a separate price proposal in the bid document.

**b) Equipment:**

- (1) Hardware Specifications
  - (a) The key components of the data collection system will consist of a communications system inside each tunnel, mobile handheld communications devices, and a base unit.
  - (b) Communications system will need to be powered by the existing 120 volt AC system at the tunnel entrances.
  - (c) The system shall comply with FCC regulations.
  - (d) The vendor will provide the option of having one mobile base unit to be used at either tunnel, or a permanently installed base at both of the tunnels, along with pros and cons of each:
    - (i) Cost of one vs. two base units
    - (ii) Ease of disconnecting, transporting, and reinstalling base unit between tunnels.
- (2) Environmental Conditions

The communications system must work in the minimum conditions listed as well as in the range in between the extremes.

  - (a) Operating temperatures: 32 degrees Fahrenheit to 122 degrees Fahrenheit
  - (b) Storage temperatures: minus 40 degrees Fahrenheit to 185 degrees Fahrenheit.
  - (c) Operating humidity: 5 to 95 percent non-condensing relative humidity.
- (3) Software Requirements
  - (a) Computer Platform
    - (i) The computer must run on a Windows operating system.
  - (b) Basic Function
    - (i) The software must be easy to use by staff.
    - (ii) Self checks and diagnostic test must be run upon booting up the computer or on request to ensure the functionality of the system, including the collection method.
- (4) Verification and Tamper- The mobile collection system computer must have the capability to perform verification reads including current meter read and

tamper status. Please define the verification capabilities of your mobile data collection device.

(5) Battery/Power Supply

- (a) The battery capacity must be sufficient for a minimum of 10 hours of communications.
- (b) The handheld must come with a power management system designed to conserve power.
- (c) Batteries shall be removable and rechargeable.
- (d) The handheld must come with integrated intelligent fast charge capability that allows a full charge within 4 hours.

(6) Memory/Data Storage

(7) Carrying Method – Handhelds must be portable and able to be carried in a chest pouch and/or belt clip.

(8) Size – Vendor will provide size specifications of both handhelds and base units. Handhelds must be comparable to or smaller than other similar handheld devices. Size of base units must be provided as well.

(9) Weight – Weight of the handhelds must be comparable to or lighter than similar handheld devices.

(10) Software Requirements – Provided by vendor

(11) Communication – Must be able to communicate with other equipment such as SCADA, cellular modems, phone lines. Define the ability or lack thereof to integrate with City's current camera/access control system (Genetec).

(12) Charging and Communications Cradles – Must provide a main charging cradle at each portal, protected from the environment, large enough to charge all provided radios.

(13) Radio Frequency Capability and Reading

(14) Verification and Tamper – Must provide the capability to self-detect electronic tampering with hardware and software.

**c) Technical Support**

Vendor will be City partner throughout the project.

Vendor will coordinate training while the project is being installed, and in the 60 days after the installation has been completed and made operational.

Vendor will provide technical support on the software and systems to help the City with any issues that may impact the project. There will be 8 hours of training for City staff (determine scope, timeline, attendees, etc of training to be mutually agreed upon by Vendor and City) during the project installation phase. There will be 16 hours of training for City staff (determine scope, timeline, attendees, etc of training to be mutually agreed upon by Vendor and City) in the year after the system becomes operational. Training can occur in multiple sessions a minimum of 4 hours in length.

Field review of installation and operation in year 1 after the system has been made operational

**Projected Budget**

The funding for this project is currently budgeted and will be provided from water capital improvement project funds. No State or Federal funding is anticipated.

### **Project Timeline**

The following preliminary schedule is anticipated for design and construction of this project.

Installation	begin October 2014
Final completion	February 2015
Training	February 2015

## **PROPOSAL SCHEDULE**

The following schedule is anticipated for awarding this project. If a change in this schedule becomes necessary, all recipients of the RFP will be notified.

RFP advertised	August 6, 2014
Site visit (9:00 AM)	August 11, 2014
Proposals Due (3:00 p.m.)	September 3, 2014
Evaluation	September 10, 2014
Vendor Interviews (if needed)	Week of September 15, 2014
City Council Approval	September 25, 2014

It is the desire of the City to have a contract place no later than September 25, 2014.

## **PROPOSAL REQUIREMENTS AND CONTENTS**

### **Statement of Qualifications**

The City is interested in the experience of the proposed Staff and their experience with designing, installing and maintaining tunnel communications systems. Provide a concise Statement of Qualifications (SOQ) describing your firm's experience on similar projects and the expertise of your staff to complete the items identified in the scope of work. Prime firm and sub-consultants must have adequate and experienced current staff (including professionals registered in applicable fields, other professionals, and technicians) to competently and efficiently perform the work expeditiously. A well-qualified firm will demonstrate a capacity to address the issues identified in the project objectives. A detailed price proposal is required.

### **Inquiries**

Questions must be submitted **in writing** and received no later than **3:00 P.M., August 29, 2014**. Email inquiries are strongly encouraged. Questions concerning this request for proposals should be submitted to:

Park City Municipal Corporation  
Attention: Kyle MacArthur  
P.O. Box 1480  
Park City, UT 84060  
[kyle.macarthur@parkcity.org](mailto:kyle.macarthur@parkcity.org) (e-mail)

Any interpretation of the documents will be made by Addendum duly issued. Verbal answers, oral explanations or instructions given before the award of the contract or at any time will not be binding on the City. Addenda shall be issued within a reasonable time, but not less than two (2) working days prior to receipt of proposals.

## **Submittal Delivery**

- A. To be considered, submit 3 copies of your Proposal in a sealed envelope clearly marked:

**“PROPOSAL FOR TUNNEL COMMUNICATIONS EQUIPMENT”**

To: Park City Municipal Corporation

ATTENTION: Kyle MacArthur

Proposals must be received at the Park City Public Works Building, 1053 Iron Horse Drive, Park City, UT 84060 no later than **September 3, 2014, at 3:00 p.m. (local time)**.

- B. If submitting by mail, submit to:

Park City Municipal Corporation.

ATTENTION: Water Department, Kyle MacArthur

P.O. Box 1480

Park City, Utah 84060

- C. Email and facsimile submittals will not be accepted.
- D. Park City assumes no responsibility for delayed or undelivered mail or express packages. Additionally, the use of a FTP site to download the Proposal will not be considered responsive. Proposals which are not delivered to Park City by the above specified time and date will not be considered.

## **Response Content**

The response to this Request for Proposals should be as concise as possible while adhering to the format and information requirements described below. Proposals should be prepared simply and economically, providing a straightforward, concise description of proposer capabilities to satisfy the requirements of the Request for Proposal. Special bindings, colored displays, promotional materials, etc. are not desired. Emphasis should be on completeness and clarity of the content. The page limits identified do not include table of contents, dividers, etc. 11" x 17" pages are allowed for charts and figures only, and will be counted as a single page.

**Responses to this RFP must be organized as outlined below.** Responses not organized as outlined below, not containing the information specified, or not containing sufficient detail may receive a lower rating when evaluated.

### ***SECTION I – GENERAL INFORMATION***

- a) Executive Summary
- b) Company History
- c) Description of company activities involving the installation and implementation of tunnel communications systems
- d) Contact person(s) with utility for whom work was performed.
- e) List of project team members with resumes who would staff this job if bid is successful.
- f) Provide name, title and address of contact person(s) that will represent the bidder/contractor in the evaluation process and that of the contact that will administer the contract if one is entered into.
- g) System Overview, Hardware Requirements, Software Requirements
- j) Written Implementation Process. The vendor’s proposal shall include a description of all the steps and tasks related to the system’s deployment and implementation.
- k) Written system commissioning tasks and criteria.
- l) Written Training Requirements
- m) Written System Maintenance and Support Requirements

- n) All hardware and software shall be provided with adequate documentation enabling correct installation, operation, and maintenance of all system components.
- o) One year post maintenance contract after the warranty period. Price to be separate from equipment and installation pricing
- p) Provide at least two (2) client references of similar projects.

## **SECTION II - SUMMARY**

Summarize your submittal and add any other comments that you feel would make your firm uniquely qualified to participate in this project. In other words, why should we select your firm and equipment?

Proposing firms are responsible for reviewing the Project Objectives and Scope of Services, as included in this RFP, and proposing a communications system to address the challenges presented.

Proposing firms are encouraged to add to their proposal any key scope elements that they believe will enhance the project's success and best utilize their firm's experience and expertise. Keep in mind that the City prefers to receive clear, concise and complete information devoid of excess promotional material.

## **SECTION III - ADDITIONAL PROPOSAL REQUIREMENTS**

1. A statement that the Proposal includes all terms and conditions of the RFP.
2. Proof of insurance as outlined in the SAMPLE Professional Services Agreement. Proof of coverage by Workers' Compensation Insurance or exemption.
3. Written affirmation that the firm has a policy of nondiscrimination in employment because of race, age, color, sex, religion, national origin, mental or physical handicap, political affiliation, marital status or other protected class, and has a drug-free workplace policy. An Equal Opportunity Employer and being otherwise qualified by law to enter into the professional services agreement.
4. Listed "Exceptions" to the City's sample Professional Services Agreement

## **SECTION V – FEE PROPOSAL**

Please provide a fee proposal in the form attached to the RFP. Provide supporting information including a detailed fee breakdown reflecting the scope of services including:

- a) Tunnel communications system equipment
- b) Hourly charge-out rate table for all anticipated services
- c) Hourly charge-out rate table for all anticipated sub-consultant services (not specifically denoted as 'Provided by City')
- d) All specialized equipment, travel and related expenses, and other indirect costs
- e) Proposed mark-up for sub-consultant fees or equipment

## **Professional Services Agreement**

Park City Municipal Corporation (City) is expecting to enter into Professional Services Agreement(s) with the selected firm (offeror) for services necessary to provide a complete the Tunnel Communications System. A SAMPLE of the agreement is attached. The offeror selected to provide the services/products shall be required to enter into a written agreement in substantially the form as shown in the attached SAMPLE AGREEMENT which shall be the basic form used to develop the final agreement.

- Signature on an offeror's proposal acknowledges that the offeror is willing to enter into the agreement if awarded the contract. Offerors are advised to read thoroughly the



Sample Agreement as the selected offeror will be required to comply with its' requirements.

- If offeror takes exception to any term or condition set forth in this proposal and/or the Sample Agreement and any of its Exhibits and Attachments, said exceptions must be clearly identified in the response to this RFP. **Exceptions or deviations to any of the terms and conditions must be submitted in a separate document accompanying offeror's proposal (included in Section V of the proposal) identified as "Exceptions." Such exceptions shall be considered in the evaluation and the award process.** The City shall be the sole determiner of the acceptability of any exception.
- It is the City's express desire to enter into a professional services agreement which includes all services necessary for this project, whether or not the services are specifically outlined in this RFP.

### **Preparation of Qualifications/Proposals**

- A. Failure to Read. Failure to read the Request for Proposals and these instructions will be at the offeror's own risk.
- B. Cost of Developing Qualifications/Proposals. All costs related to the preparation of the qualifications/proposals and any related activities are the sole responsibility of the offeror. The City assumes no liability for any costs incurred by offerors throughout the entire selection process.

### **Confidentiality**

All responses, inquiries, and correspondence relating to this RFP and all reports, charts, displays, schedules, exhibits, and other documentation produced by the offeror that is submitted to the City, as part of the proposal or otherwise, shall become the property of the City when received by the City and may be considered public information under applicable law. The City is subject to the disclosure requirements of the Government Records Access and Management Act, Title 63, Chapter 2, Utah Code Annotated. The City generally considers proposals and all accompanying material to be public and subject to disclosure.

Any material considered by the offeror to be proprietary must be accompanied by a written claim of confidentiality and a concise written statement of reasons supporting the claim. Blanket claims that the entire RFQ is confidential will be denied. The City cannot guarantee that any information will be held confidential. Under Section 63-2-309 of the Government Records Access and Management Act, if the offeror makes a claim of confidentiality, the City, upon receipt of a request for disclosure, will determine whether the material should be classified as public or protected, and will notify the offeror of such determination. The offeror is entitled under the Government Records Access and Management Act to appeal an adverse determination. The City is not obligated to notify the offeror of a request, and will not consider a claim of confidentiality, unless the offeror's claim of confidentiality is made in a timely basis and in accordance with the Government Records Access and Management Act.

## **PROPOSAL SELECTION**

### **Selection Process**

Each of the following qualifications will be reviewed and each Statement of Qualification will be scored based on the assigned points stated on the evaluation sheet included with this

document. The top three selected vendors may be required to provide a demonstration. These vendors will be notified and expected to provide a two-hour demonstration of the product, video or slide presentations augmented with live discussions is acceptable.

**1) Proposal Evaluation Methodology- Qualifications:**

- a) **The information provided in this document is intended to assist Vendors prepare their responses.** It is intended to provide interested Vendors with sufficient basic information to submit qualifications meeting minimum requirements, but is not intended to limit a qualification's content or to exclude any relevant or essential data. Vendors are encouraged to expand upon the specifications to give additional evidence of their ability to provide the services requested in this document.
- b) **Approved Equivalents or Equals:** Any manufacturer's names, trade names, brand names, model numbers, etc. listed in the specifications are for information only and not intended to limit competition. The vendor may offer any brand for which he is an authorized representative which meets or exceeds the specifications as written. **The City intends to select a communications system that best suits the City's needs.** If the qualification is based on an equivalent or equal item, supportive information in the form of the manufacturer's printed literature or brochures, sketches, diagrams, and/or complete specifications must accompany the qualification. The vendor must explain in detail the reasons why the proposed equivalent or equal will meet specifications and not be considered an exception. The City reserves the right to determine acceptance of proposed equivalent or equal items
- c) **Price Proposal Evaluation:** The bids will be evaluated by the City to determine which bid is most advantageous to the City. The City will require that maintenance costs be included in the price proposal so, a maintenance plan should be expanded upon in the RFP. Maintenance costs should be itemized separately. The City has not yet determined whether it will maintain the system internally or will enter into a post maintenance contract after the warranty period.
- d) **Statement of Qualifications** shall include the following information:
  - i) Provide the number of years your company has been in the tunnel communications installation business. Provide the number of tunnel communications systems you have deployed. The vendor shall include details of existing tunnel communications systems projects and provide a customer reference list of a minimum of 5 tunnel communications system implementations. Those submitting RFPs must specify locations of the three tunnel communications systems they have installed closest to Park City, Utah.
  - ii) Provide a discussion of whether or not the projects were completed on time and within budget, and the names and telephone numbers of persons representing the owner responsible for the implementation.
  - iii) Please describe the previously referenced systems' stated functionality and provide evidence of your client's system performance for tunnel communications systems projects already installed and deployed.
  - iv) Provide your expertise in tunnel communications systems technology including the design of systems to meet client needs, and manufacturing of equipment, and your experience with verification and testing of equipment installations.
  - v) The vendor should list their qualifications for the project, as well as qualifications of any contractor (e.g. installation contractor) that is proposed to participate in the project.
  - vi) Provide a proposed organization chart to be used by the Vendor in the performance of the services described for this project.
  - vii) Provide names and qualifications (including professional training, licenses, experience, awards, etc.) of personnel to be assigned to this project. Specify the

time commitments of these personnel to the Vendor's other projects and the role of each in the projects listed above and the proposed role of each in the performance of this project.

## **2) Proposal Evaluation Schedule:**

The selection process will proceed on the following schedule.

1. Proposals will be received by Park City prior to the time and place designated in the RFP.
2. A selection committee, established by the City, will review the submitted Proposals, rank them according to the following evaluation criteria, and make a selection.
3. If a firm or firms cannot be selected based solely on the proposals submitted, up to three firms submitting the most highly rated technical proposals will be invited for interviews during the week identified in the project timeline. The proposed Project Manager must be present at the interview; up to four others may attend at the discretion of the firm.
4. Park City staff will negotiate a final scope and fee with the top ranked firm. In the event that negotiations are not successful, the City reserves the right to enter into negotiations with other ranked firms.
5. City staff will present a recommendation to City Council to enter into a professional services agreement with the selected firm(s). Award of the contract is subject to approval by City Council.
6. It is the City's intent to have a contract in place prior to the date identified in the project timeline.

## **Qualification/Proposal Information**

- A. Discussions With Offerors. The City reserves the right to enter into discussions with the offeror(s) determined to be reasonably susceptible of being selected for award, or to enter into exclusive discussions with the offeror whose proposal is deemed most advantageous, whichever is in the City's best interest, for the purpose of negotiation. In the event that exclusive negotiations are conducted and an agreement is not reached, the City reserves the right to enter into negotiations with the next highest ranked offeror without the need to repeat the formal solicitation process.
- B. Equal Opportunity. The City will make every effort to ensure that all offerors are treated fairly and equally throughout the entire advertisement, review and selection process. The procedures established herein are designed to give all parties reasonable access to the same basic information. Park City's policy, subject to federal, state, and local procurement laws, is to provide reasonable attempts to support Park City businesses by purchasing goods and services through local vendors and service providers.
- C. Proposal Ownership. All proposals, including attachments, supplementary materials, addenda, etc., shall become the property of the City and will not be returned to the offeror.
- D. Rejection of Proposals. The City reserves the right to reject any or all proposals received and disqualify incomplete or late proposals. Furthermore, the City shall have the right to waive any informality or technicality in proposals received when in the best interest of the City. No proposal shall be accepted from, or contract awarded to, any person, firm or corporation that is in arrears to the City, upon debt or contract or that is a defaulter, as surety or otherwise, upon any obligation to the City, or that may be deemed irresponsible or unreliable by the City. Offerors may be required to submit satisfactory evidence that they have the necessary financial resources to perform and complete the work outlined in this RFP.
- E. Scope of Services. The City reserves the right to change the nature or scope of the project generally described in the RFP without the need to repeat the formal solicitation process.

- F. The City reserves the right to take any steps deemed necessary to act in the City's best interest.

### **Evaluation Criteria**

Statements of Qualifications will be evaluated by the selection committee on the criteria and the corresponding weight factors listed below:

	<b>Maximum Points</b>
A. Level of Firm Experience/Qualifications With Respect to Tunnel Communications Systems	<b>(20)</b>
B. Level of Equipment to Meet Tunnel Communications Requirements Deemed Relevant by the Selection Committee	<b>(20)</b>
B. Information Obtained from References and Other Factors Deemed Relevant by the Selection Committee	<b>(20)</b>
C. Rate Structure and Fee	<b>(40)</b>
<b>Maximum Total Points</b>	<b>100</b>

### **Protests**

Proposers are directed to the Appeals Procedure contained in City's Contracting and Purchasing Policy.

**FEE PROPOSAL**

**Fee Proposal:** Provide summary price for each category.

**TUNNEL COMMUNICATIONS SYSTEM**

*Numbers*

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Total Equipment (including all necessary fees shipping, taxes, etc.)	\$_____
Total Design & Installation Services (including subconsultants including mark-ups, Direct Costs, and Other Indirect Costs	\$_____
Total Start-up Services (including subconsultants), including mark-ups, Direct Costs, and Other Indirect Costs	\$_____
<b>TOTAL FEE, Tunnel Communications System, complete</b>	<b>\$_____</b>

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**MINE ENTRY RELEASE FORM**

## INDEMNIFICATION, HOLD HARMLESS and RELEASE of LIABILITY AGREEMENT

Whereas I, \_\_\_\_\_, desire to participate in a tour and/or demonstration of facilities owned and/or operated by Park City Municipal Corporation (hereinafter "Park City"), and in consideration of Park City's willingness to allow me to participate in said tour/demonstration/activities on or within Park City property or facilities;

**I herewith agree and promise to indemnify and hold Park City, its officers, agents, officials and employees, and volunteers harmless and release them for and from any liability, costs or expenses arising from any action, causes of action, claims for relief, demands, damages, expenses, costs, fees, or compensation, whether or not said actions, causes of action, claims for relief, demands, damages, costs, fees, expenses and/or compensations are known or unknown, are in law or equity, and without limitation, all claims of relief which can be set forth through a complaint or otherwise that may arise out of my acts, the acts or omissions, negligent or otherwise of Park City and/or its officers, agents, officials, members, employees, and volunteers, and any other participant in said activities or any other person or persons.**

**I acknowledge that this tour/demonstration involves risks** including, but not limited to:

- (1.) Travel through underground tunnels which may have uneven and/or slippery surfaces and low overhead clearance;
- (2.) Exposure to an underground bulkhead or dam which retains a substantial quantity of water;
- (3.) Exposure to other water-system components such as high-pressure water valves, tanks and pipes, electrical gear, and water treatment chemicals; and
- (4.) Exposure to other underground mine tunnel and confined space related hazards, such as falling rock, obstructions or obstacles, air quality, and associated lighting and/or ventilation hazards.

I am participating in this tour/demonstration voluntarily after acknowledging all of the risks inherent in occupying a mine tunnel, and I agree to assume all of the risks associated with this tour/demonstration as a condition of my participation. I also agree to wear whatever safety equipment or protective gear that I deem necessary or that Park City instructs me to wear and I understand and agree that Park City staff will not inspect or approve safety equipment I have provided. I further agree to follow exactly all instructions and directions given by Park City employees or representatives both prior to and during the tour/demonstration. I acknowledge that Park City (including its employees, trustees and agents) cannot guarantee my safety during the course of the tour/demonstration, and I understand and agree that they have no obligation to do so.

As a precondition to participating in the tour/demonstration, I further agree to release, discharge and indemnify Park City, including its employees, trustees and agents, from and against all liabilities or claims which may in any way arise from or relate to my participation in the tour/demonstration.

I acknowledge that, after having read the above provisions, I have been given the opportunity to ask questions about those provisions and have been given the opportunity to elect not to participate in the tour/demonstration. I understand the above provisions and elect to participate in the tour/demonstration subject to the conditions, agreements and acknowledgments contained above.

Date: \_\_\_\_\_

\_\_\_\_\_  
Participant's Name (please print)

\_\_\_\_\_  
Signature of Participant or Participant's  
Legal Guardian