Part IA – Technical Proposal

Tab I – Title Page

Part I A – Technical Proposal	
RFP Title:	Integrated Source Water Protection
RFP:	3245
Vendor Name:	***Resource Concepts, Inc.***
Address:	***340 N. Minnesota Street*** ***Carson City, Nevada 89703***
Opening Date:	April 11, 2016
Opening Time:	2:00 PM

Part IA – Technical Proposal

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Part IA – Technical Proposal
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Part IA – Technical Proposal

Tab III – Vendor Information Sheet

VENDOR INFORMATION SHEET FOR RFP 3245

Vendor Must:

A) Provide all requested information in the space provided next to each numbered question. The information provided in Sections V1 through V6 will be used for development of the contract;

B) Type or print responses; and

C) Include this Vendor Information Sheet in Tab III of the Technical Proposal.

V1	Company Name	***Resource Concepts, Inc.***

V2	Street Address	***340 N. Minnesota Street***

V3	City, State, ZIP	***Carson City, Nevada 89703-4152***

V4	Telephone Number		
	Area Code: ***775***	Number: ***883-1600***	Extension: ***4134***

V5	Facsimile Number		
	Area Code: ***775***	Number: ***883-1656***	Extension:

V6	Toll Free Number		
	Area Code: ***800***	Number: ***625-1519***	Extension:

V7	***Contact Person for Questions / Contract Negotiations, including address if different than above***
	Name: ***W. Marvin Tebeau***
	Title: ***Principal***
	Address: ***340 N. Minnesota Street, Carson City, NV 89703-4152***
	Email Address: ***marvin@rci-nv.com***

V8	Telephone Number for Contact Person		
	Area Code: ***775***	Number: ***883-1600***	Extension: ***4134***

V9	Facsimile Number for Contact Person		
	Area Code: ***775***	Number: ***883-1656***	Extension:

V10	***Name of Individual Authorized to Bind the Organization***	
	Name: ***W. Marvin Tebeau***	Title: ***Principal***

V11	Signature ***(Individual must be legally authorized to bind the vendor per NRS 333.337)***	
	Signature: W. Marvin Tebeau	Date: ***April 8, 2016***

Part IA – Technical Proposal

Tab IV – State Documents

State of Nevada
Department of Administration
Purchasing Division
515 E. Musser Street, Suite 300
Carson City, NV 89701

Brian Sandoval
Governor

Jeffrey Haag
Administrator

SUBJECT:	Amendment 1 to Request for Proposal 3245
RFP TITLE:	Integrated Source Water Protection Program
DATE OF AMENDMENT:	March 22, 2016
DATE OF RFP RELEASE:	March 3, 2016
OPENING DATE:	April 11, 2016
OPENING TIME:	2:00 PM
CONTACT:	Marcy Troescher, Procurement Staff Member

The following shall be a part of RFP 3245. If a vendor has already returned a proposal and any of the information provided below changes that proposal, please submit the changes along with this amendment. You need not re-submit an entire proposal prior to the opening date and time.

---

1. Will the State allow the Contractor to add a percentage mark up for direct outside and/or subcontractor costs?

   No.

   1a. If yes, is there an accepted percentage?

   N/A

2. Who currently holds this contract with the State?

   Resource Concepts Inc. is currently performing this contract work.

3. For the consensus scoring, what weight will be used for each grading criteria listed in the RFP Section 10.1 (i.e., Demonstrated Competence = 30)

   This information is confidential at this time.

4. Will the contract be awarded to one or multiple vendors? If multiple, how will selected vendors be awarded or distributed work form this RFP?

   The State may choose to award the contract to one or more vendors and how they will be chosen will be determined upon evaluation of the proposals by the Evaluation Committee in accordance with the evaluation criteria contained in Section 10 of the RFP.

ALL ELSE REMAINS THE SAME FOR RFP 3245.

Vendor must sign and return this amendment with proposal submitted.

Vendor Name: ***Resource Concepts, Inc.***

Authorized Signature: W. Mam Tibeau

Title: ***Principal*** Date: ***April 8, 2016***

This document must be submitted in the "State Documents" section/tab of vendors' technical proposal.

State of Nevada
Department of Administration
Purchasing Division
515 E. Musser Street, Suite 300
Carson City, NV 89701

Brian Sandoval
Governor

Jeffrey Haag
Administrator

SUBJECT:	Amendment 2 to Request for Proposal 3245
RFP TITLE:	Integrated Source Water Protection Program
DATE OF AMENDMENT:	March 29, 2016
DATE OF RFP RELEASE:	March 3, 2016
OPENING DATE:	April 11, 2016
OPENING TIME:	2:00 PM
CONTACT:	Marcy Troescher, Procurement Staff Member

The following shall be a part of RFP 3245. If a vendor has already returned a proposal and any of the information provided below changes that proposal, please submit the changes along with this amendment. You need not re-submit an entire proposal prior to the opening date and time.

Please note in the RFP timeline below that the date for vendor presentations has been rescheduled to Tuesday, May 10, 2016. Invited vendors will be notified of the exact time and location after proposal evaluations have been completed.

Task	Date/Time
Deadline for submitting questions	3/17/2016 @ 5:00 PM
Answers posted to website	On or about 03/24/2016
Deadline for submittal of Reference Questionnaires	No later than 4:30 PM on 4/08/2016
Deadline for submission and opening of proposals	No later than 2:00 PM on 4/11/2016
Evaluation period (approximate time frame)	4/12/2016 – 4/25/2016
Vendor Presentations	~~5/11/2016~~ **5/10/2016**
Selection of vendor	On or about 5/13/2016
Anticipated BOE approval	7/12/2016
Contract start date (contingent upon BOE approval)	7/13/2016

ALL ELSE REMAINS THE SAME FOR RFP 3245.

Vendor must sign and return this amendment with proposal submitted.

Vendor Name: ***Resource Concepts, Inc.***

Authorized Signature: W. Mark Tebeau

Title: ***Principal*** Date: ***April 8, 2016***

This document must be submitted in the "State Documents" section/tab of vendors' technical proposal.

ATTACHMENT A – CONFIDENTIALITY AND CERTIFICATION OF INDEMNIFICATION

Submitted proposals, which are marked "confidential" in their entirety, or those in which a significant portion of the submitted proposal is marked "confidential" **will not** be accepted by the State of Nevada. Pursuant to NRS 333.333, only specific parts of the proposal may be labeled a "trade secret" as defined in NRS 600A.030(5). All proposals are confidential until the contract is awarded; at which time, both successful and unsuccessful vendors' technical and cost proposals become public information.

In accordance with the Submittal Instructions of this RFP, vendors are requested to submit confidential information in separate binders marked "**Part I B Confidential Technical**" and "**Part III Confidential Financial**".

The State will not be responsible for any information contained within the proposal. Should vendors not comply with the labeling and packing requirements, proposals will be released as submitted. In the event a governing board acts as the final authority, there may be public discussion regarding the submitted proposals that will be in an open meeting format, the proposals will remain confidential.

By signing below, I understand it is my responsibility as the vendor to act in protection of the labeled information and agree to defend and indemnify the State of Nevada for honoring such designation. I duly realize failure to so act will constitute a complete waiver and all submitted information will become public information; additionally, failure to label any information that is released by the State shall constitute a complete waiver of any and all claims for damages caused by the release of the information.

This proposal contains Confidential Information, Trade Secrets and/or Proprietary information as defined in ***Section 2 "ACRONYMS/DEFINITIONS."***

Please initial the appropriate response in the boxes below and provide the justification for confidential status.

Part I B – Confidential Technical Information			
YES		NO	*X*
Justification for Confidential Status			

A Public Records CD has been included for the Technical and Cost Proposal			
YES	*X*	NO (See note below)	
Note: By marking "NO" for Public Record CD included, you are authorizing the State to use the "Master CD" for Public Records requests.			

Part III – Confidential Financial Information			
YES	*X*	NO	
Justification for Confidential Status			
Confidential Business Information			

Resource Concepts, Inc.
Company Name

W. Marvin Tebeau
Signature

W. Marvin Tebeau — Print Name

April 8, 2016 — Date

This document must be submitted in Tab IV of vendor's technical proposal

ATTACHMENT C – VENDOR CERTIFICATIONS

Vendor agrees and will comply with the following:

(1) Any and all prices that may be charged under the terms of the contract do not and will not violate any existing federal, State or municipal laws or regulations concerning discrimination and/or price fixing. The vendor agrees to indemnify, exonerate and hold the State harmless from liability for any such violation now and throughout the term of the contract.

(2) All proposed capabilities can be demonstrated by the vendor.

(3) The price(s) and amount of this proposal have been arrived at independently and without consultation, communication, agreement or disclosure with or to any other contractor, vendor or potential vendor.

(4) All proposal terms, including prices, will remain in effect for a minimum of 180 days after the proposal due date. In the case of the awarded vendor, all proposal terms, including prices, will remain in effect throughout the contract negotiation process.

(5) No attempt has been made at any time to induce any firm or person to refrain from proposing or to submit a proposal higher than this proposal, or to submit any intentionally high or noncompetitive proposal. All proposals must be made in good faith and without collusion.

(6) All conditions and provisions of this RFP are deemed to be accepted by the vendor and incorporated by reference in the proposal, except such conditions and provisions that the vendor expressly excludes in the proposal. Any exclusion must be in writing and included in the proposal at the time of submission.

(7) Each vendor must disclose any existing or potential conflict of interest relative to the performance of the contractual services resulting from this RFP. Any such relationship that might be perceived or represented as a conflict should be disclosed. By submitting a proposal in response to this RFP, vendors affirm that they have not given, nor intend to give at any time hereafter, any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant or any employee or representative of same, in connection with this procurement. Any attempt to intentionally or unintentionally conceal or obfuscate a conflict of interest will automatically result in the disqualification of a vendor's proposal. An award will not be made where a conflict of interest exists. The State will determine whether a conflict of interest exists and whether it may reflect negatively on the State's selection of a vendor. The State reserves the right to disqualify any vendor on the grounds of actual or apparent conflict of interest.

(8) All employees assigned to the project are authorized to work in this country.

(9) The company has a written equal opportunity policy that does not discriminate in employment practices with regard to race, color, national origin, physical condition, creed, religion, age, sex, marital status, sexual orientation, developmental disability or handicap.

(10) The company has a written policy regarding compliance for maintaining a drug-free workplace.

(11) Vendor understands and acknowledges that the representations within their proposal are material and important, and will be relied on by the State in evaluation of the proposal. Any vendor misrepresentations shall be treated as fraudulent concealment from the State of the true facts relating to the proposal.

(12) Vendor must certify that any and all subcontractors comply with Sections 7, 8, 9, and 10, above.

(13) The proposal must be signed by the individual(s) legally authorized to bind the vendor per NRS 333.337.

Resource Concepts, Inc.
Vendor Company Name

W. Marvin Tebeau
Vendor Signature

W. Marvin Tebeau — ***April 8, 2016***
Print Name — Date

This document must be submitted in Tab IV of vendor's technical proposal

ATTACHMENT J – CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, and contracts under grants, loans, and cooperative agreements) and that all sub recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

By: W. Mark Tebeccia — *April 8, 2016*

Signature of Official Authorized to Sign Application — Date

For: ***Resource Concepts, Inc.***

Vendor Name

Integrated Source Water Protection Program

Project Title

This document must be submitted in Tab IV of vendor's technical proposal

Quantity	Customer Number	Product Name	Version	Term	Maintenance Type	Start Date	Expiration Date	Term Start	Term End	Discontinued
1	124994	ArcGIS for Desktop Basic Single Use License	10.4	1 - Standard	Prim (core + ext)	11/20/2015	11/19/2016	11/20/2015	11/19/2016	
1	124994	ArcPress for ArcGIS Single Use Unkeyed License	9.0	1 - Standard	Inapplicable			11/20/2015	11/19/2016	
1	124994	ArcGIS Spatial Analyst for Desktop Single Use License	10.4	1 - Standard	Ext (incl with core)			11/20/2015	11/19/2016	
1	124994	ArcGIS for Desktop Basic Single Use License	10.4	1 - Standard	Primary	11/20/2015	11/19/2016	11/20/2015	11/19/2016	

SECRETARY OF STATE

STATE OF NEVADA

NEVADA STATE BUSINESS LICENSE

RESOURCE CONCEPTS, INC.

Nevada Business Identification # NV19781005208

Expiration Date: June 30, 2016

In accordance with Title 7 of Nevada Revised Statutes, pursuant to proper application duly filed and payment of appropriate prescribed fees, the above named is hereby granted a Nevada State Business License for business activities conducted within the State of Nevada.

Valid until the expiration date listed unless suspended, revoked or cancelled in accordance with the provisions in Nevada Revised Statutes. License is not transferable and is not in lieu of any local business license, permit or registration.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Great Seal of State, at my office on October 8, 2015

Barbara K. Cegavske

BARBARA K. CEGAVSKE
Secretary of State

You may verify this license at www.nvsos.gov under the Nevada Business Search.

License must be cancelled on or before its expiration date if business activity ceases.
Failure to do so will result in late fees or penalties which by law <u>cannot</u> be waived.

CITY OF CARSON CITY
Business License Division
108 E. Proctor St.
Carson City, NV 89701
(775) 887-2105

LICENSE RECEIPT

RESOURCE CONCEPTS INC
340 N MINNESOTA ST

CARSON CITY NV 89703

License Number: 16-00000473
Expiration Date: December 31, 2016
Business Location: 340 N MINNESOTA ST

IMPORTANT INFORMATION

- This license constitutes a receipt for the payment of a license required by Carson City Municipal Code Title 4 to engage in, carry on, or conduct, in this city, the business, trade, calling, or profession described on the license.
- Licenses are NON-TRANSFERABLE.
- Any changes to the business information should be reported immediately to the Business License division.
- The holder of this license must comply with all Carson City Municipal Code rules and regulations.

CITY OF CARSON CITY
BUSINESS LICENSE DIVISION
108 E. Proctor St.
Carson City, NV 89701
(775) 887-2105

This license is not transferable.

POST IN A CONSPICUOUS PLACE

RESOURCE CONCEPTS INC
340 N MINNESOTA ST

CARSON CITY NV 89703

License Number: 16-00000473
License Expiration Date: December 31, 2016
Date Issued: January 21, 2016

Business Location: 340 N MINNESOTA ST
Nature of Business: CONSULTING ENGINEERS

License renewal is the responsibility of the license holder and must be renewed prior to the expiration date to avoid penalties.

Part IA – Technical Proposal

Tab V – Attachment B

ATTACHMENT B – TECHNICAL PROPOSAL CERTIFICATION OF COMPLIANCE WITH TERMS AND CONDITIONS OF RFP

I have read, understand and agree to comply with ***all*** the terms and conditions specified in this Request for Proposal.

YES ***X*** I agree to comply with the terms and conditions specified in this RFP.

NO _____ I do not agree to comply with the terms and conditions specified in this RFP.

If the exception and/or assumption require a change in the terms in any section of the RFP, the contract, or any incorporated documents, vendors ***must*** provide the specific language that is being proposed in the tables below. If vendors do not specify in detail any exceptions and/or assumptions at time of proposal submission, the State will not consider any additional exceptions and/or assumptions during negotiations.

Resource Concepts, Inc.
Company Name

W. Marvin Tebeau
Signature

W. Marvin Tebeau
Print Name

April 8, 2016
Date

Vendors MUST use the following format. Attach additional sheets if necessary.

EXCEPTION SUMMARY FORM

EXCEPTION #	RFP SECTION NUMBER	RFP PAGE NUMBER	EXCEPTION (Complete detail regarding exceptions must be identified)

ASSUMPTION SUMMARY FORM

ASSUMPTION #	RFP SECTION NUMBER	RFP PAGE NUMBER	ASSUMPTION (Complete detail regarding assumptions must be identified)

This document must be submitted in Tab V of vendor's technical proposal

Part IA – Technical Proposal

Tab VI – Section 3 Scope of Work

3. SCOPE OF WORK

The Federal Safe Drinking Water Act was enacted in 1974 to ensure safe public drinking water supplies and to protect underground sources of drinking water. Amendments to this act were established in 1986 which mandate that each state develop a Wellhead Protection Program (WHPP). The State of Nevada WHPP was approved by the US EPA in 1994. In 2009, the Nevada WHPP underwent a significant review and update including a name change to "Nevada Integrated Source Water Protection Program." The focus of this RFP is on providing assistance to communities and small public water systems in the development and implementation of a Community Source Water Protection Plan (CSWPP) in accordance with the State's Integrated Source Water Protection Program (ISWPP). This RFP is multi-faceted and includes elements wherein the vendor(s) will not only provide direct assistance to local communities and water systems, but also will coordinate directly with and assist NDEP.

Vendors must demonstrate an understanding of local government function(s), unique political and economic goals of Nevada's communities (both as a whole and individually), and recommend creative strategies for addressing local source water protection concerns. The technical scope of work entails data collection; source water capture zone modeling using ISWPP approved methods, GIS and mapping services and professional judgment in delineating final Source Water Protection Areas (SWPAs) for drinking water sources on various topographic and local planning maps in coordination with local planning teams.

In addition to the technical requirements, awarded vendor(s) will work closely with NDEP staff to lead the plan development process through building the planning team, maintaining and encouraging team participation, preparing meeting minutes, and providing recommendations to the team on the various plan elements. Vendors are expected to have the skills and experience to facilitate productive meetings, ensuring that progress is made for timely completion of the local plan. NDEP may ask the top three (3) ranked vendors to provide a presentation to NDEP (approximately 20 minutes) on their particular approach during an interview prior to vendor selection. NDEP strongly recommends staff proposed to work on the contract be present for the presentation and interview.

3.1 Component A – State Integrated Source Water Protection Program Implementation and Public Education

3.1.1 The awarded vendor(s) for Component A will assist in the implementation of Nevada's Integrated Source Water Protection Program. The awarded vendor(s) for Component A will also assist in developing public awareness of the need to protect supplies of underground and surface waters used as drinking water by public water systems. At a minimum and at the direction of NDEP, activities shall include:

RCI has had the pleasure of working closely with NDEP's ISWPP program staff over the last four years, to assist with rejuvenating the "wellhead protection program" into the innovative and comprehensive "source water protection program". Enriched by this experience, RCI will bring a level of effort and enthusiasm to the relationship with the NDEP bureaus that will continue to drive the ISWPP statewide.

RFP Component A, Task 3.1.1

RCI TEAM

Resource Concepts, Inc. proposes to utilize the following Key Team members to implement Task 3.1.1 However, all RCI Program Team members are available to assist NDEP as the task requires. Jill Sutherland, Program Manager, will coordinate all activities under Component A with the NDEP Program Coordinator, Kim Borgzinner (or her designee) to prioritize program activities that will assist program implementation. Upon NDEP request, RCI will outline a scope of work and schedule for a specific activity and recommend qualified RCI Team Member(s) for implementation. Each scope of work will be presented to NDEP for review, modification and approval.

Marvin Tebeau CEM	***Project Principal to provide oversight and quality assurance.***
Jill Sutherland PE	***Project Manager to coordinate all activities under Component A with NDEP; and to prioritize program activities that will assist statewide ISWPP implementation.***
Lynn Zonge PG	***Team Leader to innovate and energize NDEP's approach for the education/outreach needed to achieve ISWPP statewide.***
Rachel Kryder PE	***Staff Engineer to prepare to continue refining implementation priorities and identifying opportunities for approved CSWP Plans and WHPPs statewide.***

3.1.1.1 Assist NDEP with prioritizing community and public water system CSWPP development, helping to determine implementation needs;

RFP Component A, Task 3.1.1.1

RCI recently assisted the NDEP with prioritizing the community and public water system CSWP Plan development by creating the table provided as Attachment M, Statistical Summary as well as additional summary tables. As a part of this task, we assisted the NDEP in gathering the existing WHPPs electronically for ease of review.

RCI is currently developing a questionnaire to use in reaching out to PWSs as a starting point to help identify implementation needs. RCI will work with the NDEP to provide the questionnaire to the PWSs with a letter from the NDEP inviting the PWS to complete the questionnaire and directing them to a website for more information. RCI will follow up with the PWSs as appropriate to help implement priority source water protection actions.

Recently, it has been apparent that, while the economy has picked up, and requirements for public utility staff time has increased, their budgets and staffing have not yet increased. Therefore, it is very important that the PWSs do not perceive the CSWP Plan actions to be an additional burden on staff time but rather an opportunity.

One of the most important aspects of reaching out to the PWSs is to engage with the appropriate staff and understand their level of familiarity with SWP. We would gently remind them regarding their existing plan elements and help to identify time critical elements (such as updates to their Master Plans). We would also explore opportunities with different departments as appropriate according to their Action Plans. For instance, recently the Public Works departments of various counties have indicated that they are "buried". Therefore, we will tactfully reach out to the appropriate local planning team members, such as planners, emergency responders, utility operators, and educators that may need assistance implementing priority source water protection actions.

The ISWPP primary goal is "protection of public drinking water supplies through the implementation of contaminant source control at the community level." RCI recognizes the sensitivity and scrutiny that NDEP selection of community priorities must endure. Therefore, a clear and well-founded rationale for establishing the priorities will be achieved by using the questionnaire vetted with the NDEP.

3.1.1.2 Assist NDEP with the creation of various guidance documents for developing CSWPPs;

<u>RFP Component A, Task 3.1.1.2</u>
The RCI and NDEP Team will continue to hone approaches and techniques that are cost effective, efficient and help to engage the communities in source water protection. These techniques may be described in guidance documents to help facilitate efficiencies and to build on as technologies continue to improve. These approaches include:

- ***Use of Arc GIS On-Line in all meetings to illustrate wells, capture zones, SWPAs, and potential contaminant sources (PCSs). This saves on printing, allows viewing at all scales, allows viewing with a variety of layers, and is available to the Local Planning Team for their use.***
- ***Use of the Arc GIS On-Line or the Flex Viewer tools to illustrate well and SWPA locations for planning and emergency response personnel.***
- ***Use of existing GIS databases to comprehensively locate and characterize known PCSs.***
- ***Use of the groundwater and watershed models to educate parties regarding source water protection.***

For instance, the Potential Contaminant Source Inventory guidance document will be structured for use by the NDEP contractor, the County/Community staff and professionals. A guidance document could also be updated for the general public to help increase their awareness. The guidance document(s) could present educational information and/or step-by-step guidance for conducting PCS inventories. Information presented could include:

- ***A Summary of the Community Source Water Protection Program,***
- ***A brief review of Nevada's dependence on surface and ground water sources to produce our public drinking water supplies,***
- ***The ISWP Program Goal which is to protect public drinking water supplies via implementation of contaminant source protection control at the community level; and***

- ***A step-by-step guide to conducting a PCS inventory.***

The step-by-step guidance document would consider including the elements listed below. The ISWPP Section 4.4.3 Contaminant Source Inventory section would be reviewed and considered during development of the final work plan.

- ***Meet local community representatives to gather available information and review the work plan.***
- ***Locate and review maps of each community well and WHPA to define the inventory boundaries.***
- ***Identify the PCSs to investigate.***
- ***Locate and review available contaminant source inventory reports (methodology, PCS list and map depicting PCS locations).***
- ***List the pertinent agency digital databases (NDEP eMap, DWR, EPA Envirofacts) and steps to access the records.***
- ***Identify probable local environmental, public works, and health department files.***
- ***An Inventory Data Sheet to standardize information to be reviewed and assembled.***
- ***Interview locals that know the history of the area.***
- ***Conduct field surveys to confirm the preliminary PCS inventory and locate additional PCS to be considered.***
- ***Prepare a report including a digital database and maps.***
- ***Review findings of PCS inventory report with the local planning team including the PWS representatives.***

RCI will prepare an outline of the guidance document and review the layout and content with the NDEP. The outline will be revised as directed by NDEP.

RCI recommends that the NDEP also consider preparation of a Funding Guidance Document for implementation of the approved CSWPP contaminant management strategies. RCI has found that a reliable long-term funding source is critical for source water protection. This need was voiced during our meetings with Carson City, Lyon, Churchill, and Humboldt counties. A guidance document identifying potential Federal and State grants will assist communities in the pursuit of funds.

3.1.1.3 Assist NDEP in promoting Nevada's ISWPP and source water protection efforts, including preparing public education materials and assisting NDEP in making presentations to schools, local officials, and various other groups within the general public as needed regarding wellhead and source water protection; and

<u>RFP Component A, Task 3.1.1.3</u>

The RCI Team enjoys preparing public education materials and making presentations regarding ISWPP. During the past four years, RCI has used the groundwater and watershed models coupled with local maps of the SWPA boundaries and photos of examples in power point presentation format with great success. We have trained teachers, volunteers, and other educators in how to convey the source water protection messages to their audiences. In addition, the web page developed for Douglas County PWSs is an excellent resource and example of what various communities or counties can develop through the ISWPP program.

RCI will continue to build on these public outreach experiences and expand the existing resources available to schools, local officials, and interested parties by continuing to reach out to existing educational programs. RCI proposes to maximize the efficient use of contract funds by continuing our strategy in partnering with local and regional education organizations such as:

- ***Nevada Outdoor School***
- ***Sierra Nevada Journeys***
- ***The Great Basin Institute***
- ***Carson River Wranglers***
- ***Ag in the Classroom***
- ***Rural Community Assistance Corporation (RCAC)***
- ***University of Nevada, Reno, Cooperative Extension***

Letters of participation for several of the educational organizations are provided under Tab IX of this proposal.

RCI proposes to train the local education advocates in use of the models and the ISWPP message for "Contaminant Source Control at the Local Level." The audience's recognition that much less money is spent protecting a drinking water source than cleaning one up once contaminated is important.

3.1.1.4 Assist NDEP where needed with data analysis and program effectiveness for various reporting purposes.

<u>RFP Component A, Task 3.1.1.4</u>
RCI proposes to provide NDEP monthly progress reports that summarize work completed on Task 3.1, 3.2 and 3.3 (Components A, B and C). The progress reports will reference, at a minimum:

- ***The Scope of Work for each activity requested in Task 3.1,***
- ***Component B Schedule of Deliverables, and***
- ***Implementation Project Work Plans and draft/final Implementation Reports.***

The progress reports will be presented in a table format similar to the Component B Schedule of Deliverables. A 'progress' column will summarize the work accomplished and deliverables completed. A projected schedule will be developed for each project task at the initiation of work and schedule conflicts or delays noted. An estimate of the percentage of task completion could be provided if needed.

In the event NDEP requires preparation of specific information or report for the Governor's Office, Legislative Counsel Bureau, US EPA, or the Director of DCNR, then RCI would utilize information from the monthly progress reports and our immediate knowledge of activities to accurately assist NDEP in formulating an accurate response to the request. Because we keep up-to-date detailed records of our time, contacts, activities and funds, we can provide data analysis and program effectiveness reporting at a number of different levels.

3.2 Component B – Technical Assistance with Community Source Water Protection Plan Development and Implementation for Communities and Small Public Water Systems

3.2.1 The awarded vendor(s) for Component B will provide technical assistance directly to communities and small water systems in the development and implementation of CSWPPs in accordance with the State of Nevada ISWPP for State endorsement.

RFP Component B, Task 3.2.1

RCI TEAM

RCI has thoroughly enjoyed providing technical assistance to the communities and public water systems in Carson City, Lyon County, Churchill County, and Humboldt County. The success of the CSWP Plan development in these four counties demonstrates RCI's understanding of local government functions and ability to fulfill the unique goals of Nevada's communities.

The same experienced team of professionals will be the core staff dedicated to the 2016- 2020 ISWPP effort and RCI's proposed communities.

Marvin Tebeau CEM	***Project Principal to provide oversight and quality assurance.***
Jill Sutherland PE	***Project Manager to coordinate all activities under Component B with NDEP, collect data, and assess potential contaminant sources.***
Lynn Zonge PG	***Team Leader to coordinate local community planning teams, review hydrogeology, and conduct education/outreach.***
Russell Plume	***Senior Geologist/Hydrologist to prepare hydrogeology assessments.***
Kathy Canfield	***Planner to mesh local source water protection strategies with each community's Master Plans and ordinances.***
Steven Ponte	***GIS Specialist to manage geodatabases and mapping.***
Jody Matranga	***Desktop Publisher to prepare and distribute printed and electronic documents.***

We anticipate using additional staff with specialized knowledge or skills dedicated to specific communities.

Jeremy Drew	***Resource Specialist to develop resource/watershed based management strategies: Lincoln, Eureka, Lander and Elko counties.***
Jennifer Petersen	***Resource Technician (resides in Elko) for data collection in Eureka, Lander and Elko counties.***
Kristin Roaldson, PE	***Environmental Engineer to review and assess potential industrial contaminants and urban drainage in Elko and Washoe counties.***

3.2.1.1 Proposals must present to NDEP specific communities (Counties) the vendor would select for assistance over the life of the contract, the vendor's proposed work plan (see ***Attachment H, Cost Schedule***), and the vendor's working knowledge of local planning momentum in Nevada's communities.

RFP Component B, Task 3.2.1

COMMUNITY SELECTION

RCI offers the following communities for CSWP Plan development over the Initial 2-year and Extended 2-year contract terms (for the total potential 4-year life) of the contract. The following communities have been selected by RCI to provide the maximum benefit for local communities and to maintain momentum of the statewide program. However, the final selection will be determined by the NDEP.

RECOMMENDED APPROACH

RCI proposes to continue the successful planning momentum in the Humboldt River Basin and complete the remaining counties therein: Pershing, Lander, Eureka, and Elko. RCI also proposes to complete a 5th county, Lincoln County (see Figure, RFP Task 3.2.2). We are confident that with our familiarity with the ISWPP approach and the rural counties, we can complete all five counties.

Pershing County CSWP Plan ***Lander County CSWP Plan*** ***Eureka County CSWP Plan***	***Initial Contract term:*** ***July 2016 - June 2018***
Elko County CSWP Plan ***Lincoln County CSWP Plan***	***Extended Contract term:*** ***July 2018 – June 2020***

Consistent with the project deliverables designated in Attachment H, CSWP Plan Development, schedules would move concurrently for the communities during each 2-year timeframe, as we have found the work plan schedule is controlled by the timeframes needed to:

- ***Form the Local Planning Team***
- ***Work with the Team step-by-step through the planning process (5 to 6 Team meetings on 6-week intervals)***
- ***Escort the final draft plan through public meetings for local government adoption***

Although each County and community are different, we have honed the process and tools available to the rural communities during the past four years. Three letters of support from members of Pershing, Lincoln and Elko County government are included in Tab IX of RCI's proposal. We recommend that the NDEP prioritize these smaller communities where technical assistance is greatly needed before tackling the larger and more complex Washoe or Clark counties, where urban PWSs have more resources, but achieving concurrence by political entities may extend completion timelines.

ALTERNATE APPROACH

RCI understands final selection of the communities may vary, and we have identified Washoe County as an alternate candidate for the ISWPP. RCI is willing and qualified to succeed in completing a CSWP Plan for Washoe County communities. We anticipate that Washoe County would require two full years to garner support of the public water systems, and equally as important, the land use planners and public outreach and education organizations.

Pershing County CSWP Plan ***Elko or Lincoln County CSWP Plan***	***& Education/Outreach*** ***in Washoe County***	***Initial Contract term:*** ***July 2016 - June 2018***
Washoe County CSWP Plan		***Extended Contract term:*** ***July 2018 – June 2020***

The key in such a populated area as Washoe County will be to organize the up-front educational strategy regarding the ISWPP messages so that the key planners, emergency response, educators, and PWSs staff have the tools to bring the source water protection messages to their staff. Once the foundation has been laid, then the following two years would be used to prepare the plan with the local planning team(s). We recommend, should Washoe County be prioritized, that during the first two years of the contract we reach out to the public water systems, planners, City Councils, and County Commissioners to garner their support and gather information and plans concurrently while we develop several of the rural Nevada SWPPs. Subsequently during the second 2-year period, the plan preparation and approval would be completed for Washoe County.

3.2.1.2 Proposals must prioritize communities recommended for assistance, logistics pertaining to the vendor's particular approach to providing technical assistance, and why the vendor feels they would be the most successful candidate to perform this work in selected communities.

<u>RFP Component B, Task 3.2.1.2</u>
RCI has prioritized the recommended and alternate communities for assistance. Given our experience and success with the CSWP Plan development process in 2012-2016 and the State's objectives outlined in the 2010 ISWPP guidance document, RCI would be the ideal candidate to preform this work.

RECOMMENDED APPROACH
Pershing, Lander, Eureka, and Elko counties are the practical next step using the successful completion of all the counties in the Carson River Basin and most recently a successful project currently underway in Humboldt County. RCI has selected these counties because:

- ***The counties are closely linked by political boundaries, geographic boundaries and, in some instances, interlocal agreements for shared services such as the Elko-Lander-Eureka County Library System which may be an excellent cooperative resource for public outreach and education. Lander and Eureka Counties have agreements regarding management and planning in Crescent Valley.***
- ***Completion of all of the communities within the Humboldt River watershed will be more powerful when all of the participating communities are on the same page.***
- ***The rural communities in Nevada will take note of their neighboring communities completing a ISWPP.***
- ***Pershing County, in particular, contains a large portion of Grass Valley, which is critically important to the SWPAs downgradient in Humboldt County. This is a timely opportunity to coordinate with both counties through Component C to effectuate positive source water protection solutions for Grass Valley.***
- ***There are only 12 community water systems combined in 3 of the 4 counties in the Humboldt River Basin, lending the approach to a combined effort in Pershing, Lander, and Eureka counties.***
- ***The counties are geographically close to each other, which will maximize the efficient use of project funds to assist with the ISWPP.***
- ***The low number of PWSs and the relatively close proximity to RCI offices render Pershing County a straightforward county to complete.***

- ***Completing Lincoln County is a step logical in the ISWPP progress as it adjoins White Pine and Nye Counties, who already have CSWP Plans. For RCI, our long standing professional relationship with Lincoln County is an advantage that more than offsets the geographic separation from our office in Carson City.***
- ***Continuing with the communities along I-80 and Hwy 50 is an efficient approach for travel time and education funds.***

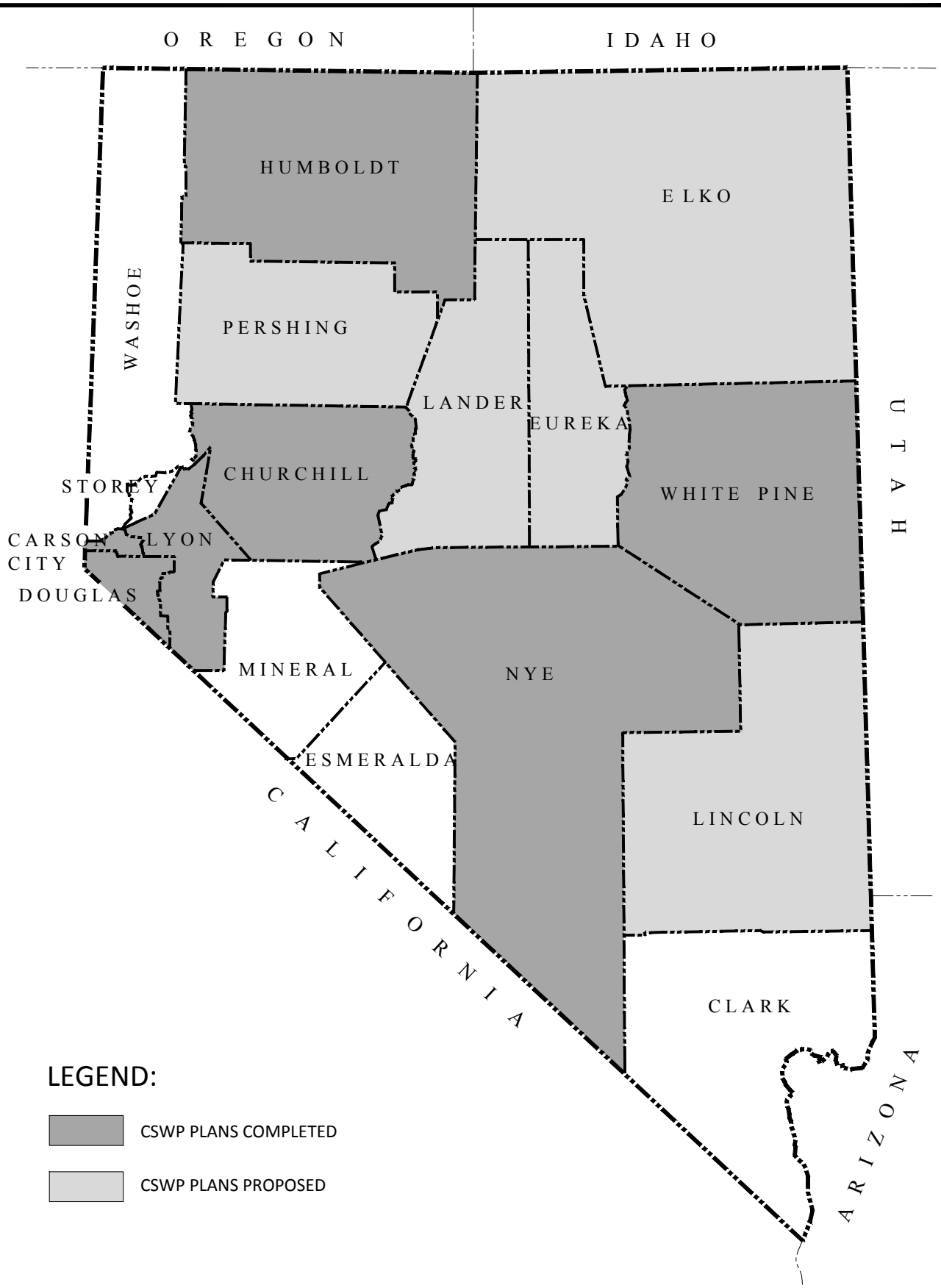
ALTERNATE APPROACH

RCI recognizes final community selection takes into account the priorities of NDEP as well as the commitment of local communities to engage in the process. Washoe County is the next logical step in the ISWPP as an alternate for the second 2-year term of the contract. RCI selected Washoe County because:

- ***Washoe County is geographically and professionally close to RCI and NDEP offices.***
- ***We are familiar with the political structures of Washoe County, Reno, Sparks and TMWA.***
- ***We know how to access the hydrogeology information.***
- ***RCI's Lynn Zonge has been the lead for the Water Quality portion of the One Truckee River Plan, working closely with the Nevada Land Trust, since December 2015. Through this project she has developed working relationships with TMWA, planners, and stormwater staff from Washoe County and Reno.***
- ***We understand the draw to complete a CSWP Plan for a large population.***

3.2.2 The State may choose to work in one or more communities proposed by the selected vendor(s). For informational purposes a summary has been provided (refer to ***Attachment M, Source Water Protection Plan Statistical Summary by County***) to outline plans completed to date for regulated public water systems in Nevada. Note that Humboldt County is currently participating in the program, and plan development is scheduled to be completed in 2016.

<u>RFP Component B, Task 3.2.2</u>
With completion of RCI's Recommended Approach, 60% of the existing public water systems, and 80% of the state by land area, will be covered under an endorsed CSWP Plan as shown in the following map.



ISWPP STATUS

DATE: 4-8-16

RCI Resource Concepts Inc

3.2.3 Proposals must demonstrate:

3.2.3.1 Vendor's knowledge of data collection needs and available data sources for SWPA modeling;

RFP Component B, Task 3.2.3.1

RCI has experience identifying and collecting the data needed to establish Source Water Protection Areas (SWPAs). There are two broad types of data needed in order to develop the SWPAs. The first involves water system and hydrogeology information to identify well capture zones and recharge areas. The second involves identifying types and locations of Potential Contaminant Sources (PCSs), so that the capture zones can be compared with the PCSs land uses. RCI compiles capture zone and PCS data in technical reports supported by GIS based mapping, so the Local Planning Team can make decisions regarding the extent of each the SWPAs and establish these local "management area boundaries".

Data for the delineating capture zones and potential contaminant sources is gathered from many different sources and formats, as listed in the following table. RCI utilizes both available GIS databases and information available in spreadsheets and paper files to create a new geodatabase.

Data Source	*Data Description*	*Availability*	*Creation*	*Data Type*
Water Systems, Hydrogeology and Capture Zone Delineation Data				
Water Purveyors	*Well and water system operating characteristics.*	*Upon Request*	*Local PWS*	*Interviews*
ESRI World Imagery Service	*This map service presents satellite imagery for the world and high-resolution imagery for the United States and other areas around the world.*	*https://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9*	*Federal*	*Geospatial Service*
Nevada Bureau of Safe Drinking Water	*Nevada Drinking Water Information System well characteristics and water quality data.*	*Upon Request to the Bureau of Safe Drinking Water*	*State*	*Spreadsheet Files*
Nevada Bureau of Safe Drinking Water	*Nevada Drinking Water Information System water quality data.*	*www.ndep.nv.gov/bsdw/ndwis.htm*	*State*	*Spreadsheet Files*
Nevada Bureau of Safe Drinking Water	*Source Water Assessment and Vulnerability Assessment Files for Public Water Systems.*	*Upon Request to the Bureau of Safe Drinking Water*	*State*	*Paper Files*
Nevada Division of Water Resources	*Well Log Database Query Tool for well characteristics and calculation of aquifer parameters*	*http://water.nv.gov/data/welllog/*	*State*	*Digital Files*
Nevada Division of Water Resources	*Water Rights Permit Search for well logs and locations*	*http://water.nv.gov/data/permit/*	*State*	*Digital Files*
Nevada Division of Water Resources	*Water level monitoring data, Groundwater Pumpage Inventories, Evapotranspiration and Precipitation Data*	*http://webgis.water.nv.gov/*	*State*	*Geospatial and other Digital Files*
U.S. Geological Survey	*1:24,000 scale topographic maps variable dates.*	*www.nationalmap.gov/viewer.html*	*Federal*	*Geospatial Files*

Data Source	Data Description	Availability	Creation	Data Type
U.S. Geological Survey	Statewide water level contours (Lopes, T.J., Buto, S.G., Smith, J.L., and Welborn, T.L., 2006)	Upon Request	Federal	Geospatial Files
U.S. Geological Survey	Local hydrogeographic features and groundwater contour mapping. Digitized by RCI.	Upon Request	Federal	Paper Files
USDA Forest Service – Humboldt Toiyabe National Forest	Watershed, Hydrography, and Vegetation Communities	http://www.fs.usda.gov/main/htnf/landmanagement/gis	Federal	Geospatial Files
Potential Contaminant Sources, Parcel Data, Zoning, Land Use, and Land Ownership/Jurisdiction				
County/City	Land use and zoning (September 17 2013)	County GIS or Planning Department	Local	Geospatial Files
County/City	Parcel database used to identify parcels with wells and septic systems, addresses, and ownership.	County GIS or Planning Department	Local	Geospatial Files
County/City	County sanitary sewer and water lines.	County GIS or Planning or Public Works Department	Local	Geospatial and Paper Files
County & U.S. Census Bureau	City/County boundaries, roads, etc.	Churchill County GIS website & https://www.census.gov/geo/maps-data/data/tiger.html	Local and Federal	Geospatial Files
Nevada Bureau of Corrective Actions	"Facility", "Tank", and "Owner" databases with information on registered underground and aboveground storage tanks.	www.ndep.nv.gov/bca/data.htm	State	Spreadsheet Files
Nevada Bureau of Corrective Actions	Corrective Actions/Leaking Underground Storage Tank Summary "PT Active Cases Snapshot"	www.ndep.nv.gov/bca/data.htm	State	Spreadsheet Files
Nevada Department of Motor Vehicles	Business License Verification databases for: body shops, dealers, garages, off-hwy dealers, wreckers, and manufacturers.	https://dmvapp.nv.gov/DMV/OBL/Business_Reports/Pages/BusinessLicenses.aspx	State	Spreadsheet Files
Nevada Department of Employment	Nevada Workforce Informer. Nevada Employer Directory, North American Industry Classification System (NAICS).	www.nevadaworkforce.com/cgi/dataanalysis/?PAGEID=94	State and Federal	Spreadsheet Files
Nevada Division Environmental Protection	NDEP eMap, GeoData Service for spatial data download of regulated facilities: Mining, Waste Management, Water Quality, Water Pollution Control, and Corrective Actions.	www.ndep.nv.gov/admin/gis/index.html	State	Geospatial Files

Data Source	*Data Description*	*Availability*	*Creation*	*Data Type*
U.S Bureau of Land Management	***Land Ownership and Resource Management Areas (water supply, water shed, land uses, etc.)***	***Local District Offices and http://www.blm.gov/nv/st/en/prog/more_programs/geographic_sciences/gis/geospatial_data.html***	***Federal***	***Geospatial Files***
U.S. Environmental Protection Agency	***Geospatial Data Access Project, downloadable files of sites subject to environmental regulation: Superfund National Priorities List; EPA and State TSD facilities; Toxic Release Inventory System; Integrated Compliance Information System (ICIS) and Permit Compliance System (PCS); NPDES; RCRA Info: Large Quantity Generators; Risk Management Plan; SSTS - Section Seven Tracking System (Pesticides); ACRES - Brownfields Properties.***	***www.epa.gov/enviro/geo_data.html***	***Federal***	***Geospatial Files***
U.S. Federal Emergency Management System	***Flood hazard mapping for Nevada, Map Service Center Flood Map Store, 32-NFHL_20110929.***	***Upon Request***	***Federal***	***Geospatial Files***

3.2.3.2 Vendor's GIS capabilities, standards, quality assurance approaches, and mapping capabilities; and

RFP Component B, Task 3.2.3.2

Our GIS service is critical to support the entirety of Component B – CSWP Plan Development. The ISWPP success and quality are the result of RCI having a clear understanding of the project goals, objectives, timelines, and deliverables, as well as understanding the perspectives and positions of the stakeholders involved in the project. It is our job to manage the project in such a way so that the Local Planning Team(s) and the NDEP are provided appropriate information and in a timely manner, to be able to make clear decisions at critical milestones in the project.

The RCI Team utilizes ESRI ArcMAP software including extensions such as Spatial Analyst and compatible programs for specific analyses. Our GIS specialists, Steven Ponte and Dawn Aragon, have 21 years of combined experience in geodatabase management and presentation mapping. RCI has been providing maps and geodatabases to the public sector for over 20 years and adheres to state and local government mapping standards.

Prior to coming to RCI, GIS Specialist Dawn Aragon provided GIS mapping for the Washoe County Division of Water Resources and Community Services Department for 13 years, including serving as the GIS mapping coordinator. As such she is well versed in data acquisition, analyses and presentation for Washoe County, the State of Nevada and other local municipalities.

As one of the ultimate goals of the project is to have a standardized source water database which can be easily updated and progress tracked by NDEP, RCI will work closely with the State of Nevada GIS to provide standardized electronic databases which will be used for database entry throughout the project.

The ability for RCI to deliver a quality project to Local Planning Team(s) and the NDEP begins with sound digital project organization and ends with careful and thorough implementation of a well-thought out project. Our GIS approach begins by retrieving spreadsheets from the NDEP regarding well location

and well characteristics. These data are then double checked and corrected as appropriate against well logs and other well location spreadsheets. These corrected spreadsheets are then brought into a GIS geodatabase. The geodatabase also incorporates data from the assessors and planning offices in the counties, cities, and federal agencies such as the USGS, BLM and Forest Service for use in all of our community mapping and analyses.

RCI been successfully using the ESRI ArcGIS Online tool for visualizing maps in Churchill and Humboldt Counties. Previously we also utilized the ESRI FlexViewer where available such as in Carson City, Douglas and Lyon Counties. This tool allows the Local Planning Team to view wells, contaminant sources, land uses, hydrogeology and other mapped data, overlaid on aerial photos or USGS topography maps at virtually any scale. We can bring this tool to any meeting where the internet is accessible. Use of this tool has saved the project hundreds, if not thousands of dollars in printing costs and is extremely useful to quickly and easily navigate to the area of interest and see the local as well as regional land use issues.

3.2.3.3 Vendor's demonstrated strategies they would incorporate into the planning process to maximize use of contract funds.

<u>RFP Component B, Task 3.2.3.3</u>
RCI offers the following strategies to maximize use of contract funds:

- ***Humboldt Basin and rural county momentum. RCI proposes to continue the planning momentum gained through our plan completion in the rural counties of Lyon, Churchill, and Humboldt counties and the relationships with various organizations for assistance. These communities all share strong ties with the river, agriculture, and mining. There are some similarities where some solutions can be beneficial across county boundaries.***
- ***Aquifer expert Russ Plume for modeling parameters in the Humboldt River Basin. Russ Plume has assisted RCI with the ISWPP in Humboldt County and would continue with RCI for the other communities in the Humboldt River Basin. Russ has completed professional papers with the USGS on the aquifers in the Humboldt River Basin and will be an efficient resource to complete the remainder.***
- ***RCI has excellent working relationships with non-profit organizations ready and willing to assist in this planning effort:***
    - ***Nevada Outdoor School (NOS) just opened up a branch office in Elko. NOS received both the groundwater model and the watershed model while coordinating with RCI in Humboldt County. This group of enthusiastic educators is ready to help educate as requested for ISWPP in the Humboldt River watershed (letter attached in Tab IX).***
    - ***University of Nevada, Reno Center for Economic Development Fred Steinmann has offered to continue working with the ISWPP program in developing sustainable funding and administrative alternatives for continued source water protection programs. (letter attached in Tab IX).***
    - ***The Rural Community Assistance Corporation (RCAC), a 501c3 organization, has been active in Humboldt County in assisting property owners with septic system issues relating to potential nitrate contamination. RCAC has offered to continue providing services in the Humboldt River basin and is also interested in providing assistance for private well owners.***
- ***The RCI team has honed its approach for these plans. Our plans are not cookie-cutter. We work hard to bring in the information from the locals and craft the plans to fit the needs of the communities.***

- ***We have demonstrated the ability to maximize accomplishments and minimize travel expenses for time spent away from the office. Fieldwork can be routinely meshed to coincide with Local Planning Team or outreach meetings. Our Resource Technician Jennifer Peterson, who resides in Elko, will assist with development and implementation work in proposed in Elko, Eureka, and Lander Counties. Our location in Carson City facilitates frequent cost effective meetings with NDEP staff.***

3.2.4 CSWPP Development Project Work Plans

Once selected, the awarded vendor(s) must submit a project work plan for each community and public water system to which they will provide assistance under the ISWPP approach. The work plan must include:

3.2.4.1 Project tasks that address the fundamental elements of a comprehensive endorsable CSWPP as described in the Nevada Integrated Source Water Program Guide (most recent update) available from the NDEP Source Water Protection website at http://ndep.nv.gov/bwpc/wellhead.htm;

RFP Component B, Task 3.2.4.1

The ISWPP (Nevada Integrated Source Water Program Guide Chapter 3.0) includes five elements that must be included in each plan to satisfy the State program goals:

1. ***Formation of a local planning team;***
2. ***Inventory of all public water supplies and delineation of protection areas for each;***
3. ***Inventory of all contaminant sources within the identified protection areas;***
4. ***Development of contaminant source management strategies and action plans to meet established local planning goals; and***
5. ***Management and sharing of source water protection information (data).***

The critical last step is adoption/approval of the completed plan by local governing boards and PWSs. This is a requirement for an NDEP endorsable CSWP Plan, and must be kept in focus throughout the plan development process. RCI's Approach is discussed in the response to Task 3.2.8 of the RFP.

The work plan outline presented below will be used for Pershing, Lander, Eureka, Elko and Lincoln counties, consistent with Attachment H Component B Deliverables. The initial work plan tasks outlined in the RFP will be reviewed with State representatives to ensure that the CSWP Plans will satisfy the State program goals and incorporate the State's final community selections.

ELEMENT 1: FORMATION OF LOCAL PLANNING TEAM

A significant amount of focus and effort is placed on the formation of the local planning team to ensure the appropriate individuals are members of the team. Ownership of the plan through active participation in the plan development is key to creating a living document that meets the community needs and ISWPP goals. With an active and engaged team, RCI has the responsibility to ensure the meeting formats are structured to allow for productive, meaningful dialogue and make efficient use of the Team's limited available time.

RCI understands local government, culture, and customs in Nevada. For instance, in rural Nevada, face-to-face meetings with stakeholders is the only way to conduct business, as opposed to teleconferencing

or other "big city" methods. Agriculture is a critical lifeline of rural Nevada and thus must be included in the planning and implementation. Property rights and public lands access are extremely sensitive subjects and must be treated with the highest respect or important relationships will be severed and doors closed. Mining "boom and bust" cycles drive much of the local economies. We have a proven record of successfully collaborating with multiple entities with varying interests and perspectives.

Formation of the local planning team encompasses Tasks B.1, B.2 and B.3 of the work plan template provided in Attachment H.

Task B.I. Invitation to Participate

Because of the geography of the counties selected, and the current various levels of ongoing wellhead protection, RCI believes communities will be best served by a CSWP Plan that is tailored to represent each PWS and build on previous Wellhead Protection efforts. RCI will contact potential team members individually to discuss how the ISWPP will benefit each community and what their role may be as CSWP planning team members.

RCI understands the time commitment the participating team members will be making to develop the CSWP Plan. Invitations to participate would include proposed meeting formats to maximize Team meeting efficiencies, which will be key to ensuring Team members stay engaged and project goals are met.

<u>Local Planning Team Members</u>

Within each county there are various public water systems and governing bodies that will be invited to participate, including:

- ***PWS Owner and/or Operators***
- ***GID Boards***
- ***Community Advisory Boards***
- ***City Councils***
- ***County Planning Commission***
- ***Board of County Commissioners***

Within these local governments, participation will be solicited from a variety of departments including:

- ***PWS Owner and/or Operators***
- ***Emergency Management***
- ***Public Works Department***
- ***Planning Department***
- ***Environmental Department***
- ***GIS Department***

The following entities will be considered with additional input from initial meetings with PWS operators.

- ***Key Residents and Local Industry Representatives***
- ***Northern Nevada Development Authority***

- ***University of Nevada Cooperative Extension***
- ***Nevada Rural Water Association***
- ***Tribes***
- ***Farm Bureau***
- ***Conservation Districts***
- ***Bureau of Land Management***
- ***Bureau of Reclamation***
- ***USDA Forest Service***

Initial Outreach

Based on our experience, RCI will solicit participation from the various public water systems through personal contact and individual or small regional meetings. The focus of this initial outreach would be to present information about the program, discuss the project goals as identified in the ISWPP, gather information and GIS data on each water system's existing programs, and solicit participation in the program. RCI will request "letters of support" from PWSs and other stakeholders to the Planning Commission or Board of County Commissioners, which express their interest in ISWPP participation.

RCI will collect readily available data about the community to build materials for the Initial Outreach. Valuable materials include the ISWPP overview, examples of local mapping, examples from other communities, and overview of the existing WHPPs, and short summaries of the number of public water systems and groundwater resources in each community. Example information is included in the response to RFP Task 3.2.4.3.

RCI will distribute information material in advance of the meetings, coordinate attendance with NDEP's ISWPP Representative, attend and facilitate the meetings, prepare summary notes, and provide follow-up information to the PWSs as may be needed.

Public Board Commitment

Key to the successful development and implementation of the CSWP Plan is commitment by the governing boards of the various communities. Successful outcome of the initial outreach will ensure presentations to the governing boards will be supported by letters or participation of the local PWSs. We will ask for formal commitments from each Board to participate via a letter or resolution. As the ISWPP lead agency, the NDEP can play a significant role in informing governing boards about source water protection goals and the voluntary nature of the program, which is valuable in securing formal commitments.

RCI will prepare pre-board meeting summary information including the goal of the project, anticipated commitment required by staff, information to be gathered, final work product, and anticipated benefit to the community of participation in the program. We will coordinate closely with local and NDEP representatives to prepare meaningful presentations that can address the concerns and respond to questions by the Board members. RCI will prepare a sample letter or resolution for the Boards to consider adopting to show commitment to the program.

Presentations at public meetings also provide an opportunity to educate and invite members of the public into the process. These presentations would include information on the need for and goals of the ISWPP and benefit to the community of protecting their sources of drinking water.

Task B.II. Formation of the Local Planning Team

The formation and structure of the Local Planning Team is critical to the success of the ISWPPP. Upon receipt of the communities' commitment to participate and based on information gathered during our initial outreach meetings, a draft Team roster will be created. This contact information will be circulated to all of the public water systems as well as other organizations and participants identified in the initial outreach meetings.

<u>Kick-Off Meeting</u>

A kick-off meeting will be scheduled. The goal of this meeting will be to present the CSWP Plan development goals, status of existing plans, and data collection/modeling needs. We will also outline the general process schedule and formulate plans for meeting times, places, and formats.

RCI will prepare and distribute all pre-meeting information including a short questionnaire to gather contact information, determine existing available data and data needs, and identify the interest in each team member of serving on a steering committees. From this information RCI will prepare summary pre-meeting information for distribution to Team members including project goals, general data needs, general schedule, and other pertinent information to allow team members to prepare for the kick-off meeting. RCI will facilitate the meeting and take and prepare minutes of the meeting for distribution to the team members. Additionally, RCI will set up a webpage in which team members, communities and other interested persons can access meeting agendas, minutes, and supporting informational documents.

<u>Steering Committee Meetings</u>

Within the counties with smaller populations, steering committees may be established to address local "hot topics", but we've found the group likes to be engaged through the entire plan development process.

With special "hot topics" and in Washoe County (due to the number and size of the PWSs, more than 80), we anticipate using steering committees to minimize the time commitment of individual team members and to maximize use of their varied expertise and knowledge. Steering committee(s) would accept specific tasks associated with the Plan development, and RCI will serve as committee facilitator.

Potential Steering Committee Tasks would include:

- ***Data Development – Public Water Supply and Protection Area Identification (Tasks B.IV, B.VI)***
- ***Data Development – Contaminant Sources (Tasks B.VII)***
- ***GIS Database Development and Management (Tasks B.VI, B.VII, B.IX, B.XI)***
- ***Contaminant Source Management Strategies and Action Plans (Tasks B.IX, B.X, BXI, BXII)***
- ***Contingency Planning and Well Siting (Tasks B.X, B.XI)***
- ***Public Education and Outreach (B.XII)***

Final steering committee(s) establishment and task assignments will be determined by the Local Planning Team. Steering committee meetings will be scheduled as needed according to the project and specific task completion schedule. RCI is prepared to prepare pre-meeting information packets and agendas, facilitate the meetings, provide meeting minutes, and prepare progress summaries on the individual tasks. RCI will have the appropriate technical expert(s) in attendance at the meetings.

As information is developed, reviewed, or revised throughout the Steering Committee process, corresponding sections of the CSWP Plan will be developed and progress reports provided to NDEP and the Local Planning Team.

Local Planning Team Meetings

Local Planning Team Meetings will be scheduled on a quarterly basis at minimum (consistent with Attachment H), or more frequently if needed, throughout the project duration. We have found that a series of five to seven meetings at 6-week intervals makes efficient progress in the rural counties with smaller populations. All team members will have an opportunity to provide comments and suggestions on the task work to ensure the CSWP Plan meets the needs and goals of the participating communities and the ISWPP requirements.

Team members would also be asked to provide periodic updates to their respective boards and relay any concerns or comments from board members back to the full Team. If concerns do arise, RCI will follow up with the particular board and team member to determine an appropriate solution. Addressing community and board concerns during the development of the plan will be critical to the final acceptance and implementation of the CSWP Plan.

Due to the geographic extent of Nevada's counties, Team members may be unable to attend all meetings. Conference calls, rotating meeting locations and follow-up local meetings will be used to keep stakeholders in remote locations engaged. RCI will prepare pre-meeting information packets and agendas, facilitate the meetings, provide meeting minutes, and update progress summaries on the individual tasks. RCI will have technical experts as appropriate in attendance at the Team Meetings.

Task B.III. Presentation of the CSWPP Development Goals and Team

Community CSWP Plan goals are typically broad based to accommodate the different PWS capacities and source water protection areas in the geographically widespread Nevada counties. Most of the PWSs have developed a WHPP under previous programs that identify local program goals. These will be the starting point to generate drinking water protection goals on a community wide basis. Program objectives can then be tailored to the unique needs and characteristics of each PWS and local community.

The Team may incorporate individual WHPP goals in light of the most recent ISWPP guidance and update them as needed to reflect more general community. Participation of Team members outside local PWSs may also introduce new perspectives that would be incorporated. Draft CSWP Plan goals will be presented to all Team members, including NDEP's ISWPP representative, who will have an opportunity to provide review and comment.

ELEMENT 2: INVENTORY AND DELINEATION OF WATER SUPPLY SOURCES

Task B.IV. Source Water Inventory and Data Collection

Source water will be described using information from the NDEP, on-line databases (i.e. NDEP eMap, well log database query tool, NDWR water rights database, Nevada Drinking Water Information System), pump test data and existing county and municipality reports, as presented in the detailed data sources table in the response to RFP Task 3.2.3.1.

Public Water System and Well Characteristics

The State already maintains databases such as the Nevada Drinking Water Information System (NDWIS) and the statewide ISWPP summary prepared by RCI during the 2012-2016 contract period (summarized in Attachment M), which summarizes water system characteristics and water quality data. Queried on a county-by-county basis, for example, it provides screening level data with contact information for each individual system.

In addition, RCI will contact PWS operators to review existing WHPPs, obtain detailed information on current water system operations (pumping rates and frequencies, active, inactive and future wells), and collect other background data developed for local aquifer and recharge areas (pump tests, well logs etc.). Critical information needed from PWS operators also includes past planning/investigation of potential new water supplies, as well as copies of water conservation and emergency response plans. The degree of vulnerability to contamination for wells has much to do with the well siting and construction (depth of seal, depth of screened interval, placement of unscreened intervals, quality of seal, etc.) and up gradient land uses. The degree of vulnerability to contamination for springs has much to do with the spring parameters, the springhouse construction, and adjacent land uses.

<u>Aquifer, Watershed, and Recharge Area Characteristics</u>
RCI will review and compile information from prior modeling efforts for existing WHPPs. Local aquifer parameters may be available from recent groundwater studies or pump testing of new public water supply wells. Watershed recharge areas and regional aquifers parameters will also be obtained through the work of Russell Plume and his USGS research. Mr. Plume's 30 years with of USGS experience in assessing Nevada's groundwater aquifers, particularly in the Humboldt River Basin, will give prior WHPP capture zones a "reality check" and develop reliable input parameters for new 2, 5, 10-year capture zone delineation.

<u>Data Collection and Management</u>
Geodatabases will be created to manage and query wellhead and capture zone information. The geodatabases will include spatial layers (well locations and capture zones) and associated attribute tables, and other data types such as elevation raster files and geo-referenced aerial photographs. Geodatabase tables will be set up to manage well attributes such as UTM coordinates, ownership, total depth, type of construction, production rates, and monitoring data. In order to maintain data integrity during editing sessions (for data entry), domains with coded values or range drop-down menus will be created for applicable feature class tables.

Data collected will be compiled and summarized on a water system by water system basis with data sources referenced and crosschecked for quality assurance. Results will be presented in an electronic database format that can be used to supplement NDWIS information available through the Bureau of Safe Drinking Water. The electronic format will be map friendly so that it can be accessed online at meetings or individually by Team members.

We have found GIS tools extremely valuable for educating Team Members and developing comprehensive management strategies. However, RCI understands that database and mapping access must be adequately controlled, as constrained by required State and local PWS security measures. Criteria for distribution of information will be coordinated with each of the PWS, who may have varying requirements, and coordinated clearly to Team members.

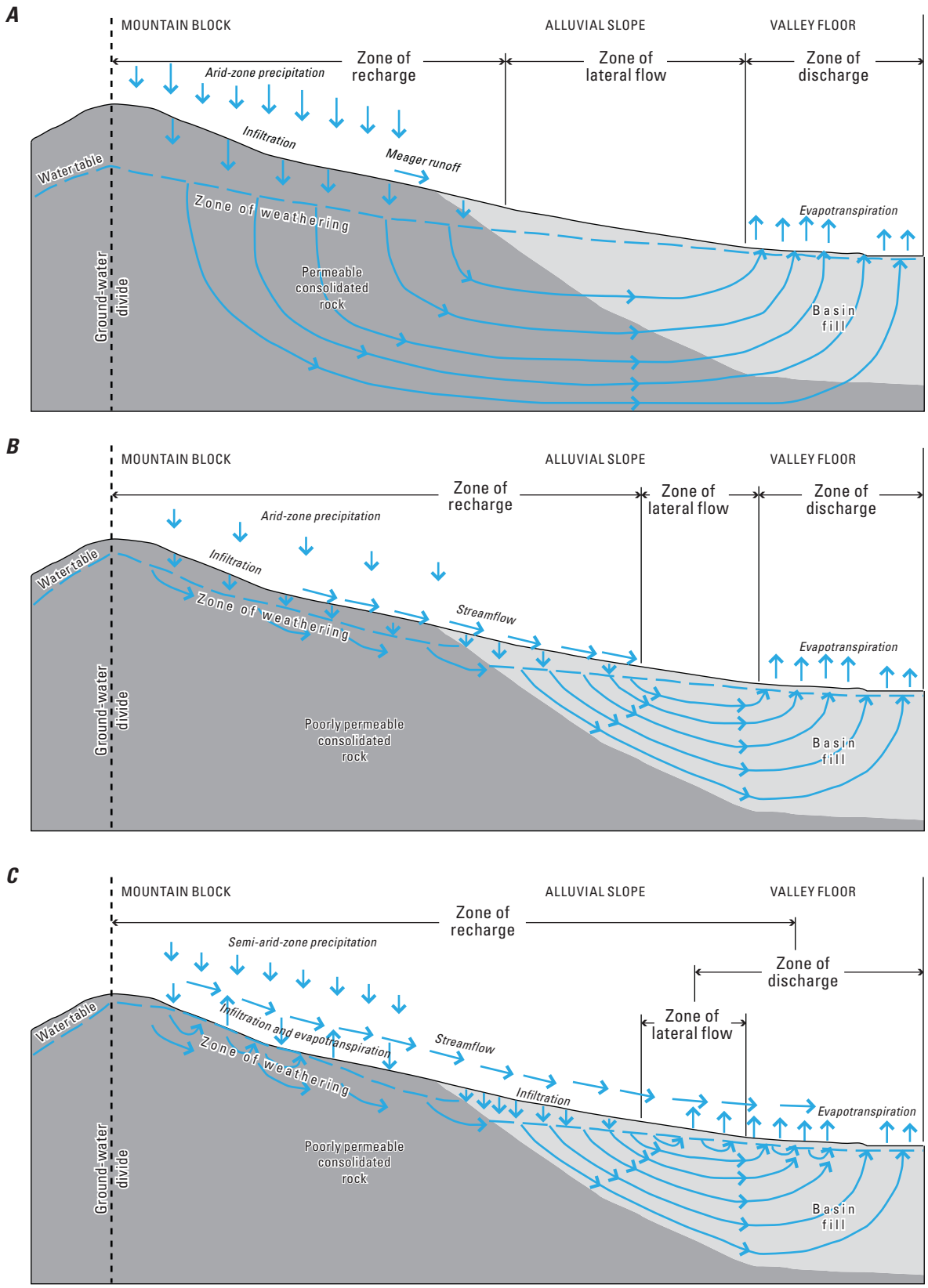
Task B.VI. Delineation and Mapping of Wellhead and Recharge Protection Areas
RCI and Russell Plume have exceptional understanding of Nevada's river systems and basin-fill aquifers. Our working knowledge of the watersheds and the aquifer properties will allow a broad yet definitive description of selected community, inventory of the sources and their degree of vulnerability to contamination with the goal of producing physically based delineation of "capture zones" consistent with the 2010 ISWPP guidance criteria, as well as identify watershed based "recharge areas".

The wellhead capture zones and aquifer recharge areas will be conservative and appropriate for the Local Planning Team to establish Source Water Protection Areas (SWPAs). The goal in designating SWPAs is to provide protection from contaminant releases, so that drinking water standards can be maintained at the wellhead. The SWPAs represent "management area boundaries" taking into account a combination of important considerations:

- ***well locations and water demand,***
- ***aquifer susceptibility,***
- ***groundwater recharge and watershed interactions,***
- ***basic contaminant transport concepts,***
- ***potential contaminant sources,***
- ***existing groundwater concerns, and***
- ***local land use plans.***

To develop appropriate SWPAs, RCI anticipates using the following tools, which may evolve for each community and their particular physical and political characteristics:

- ***Source of data needed to SWPAS are presented in the "data sources" table per the response to RFP Task 3.2.3.1.***
- ***GIS based mapping will be prepared to include the hydrogeology and potential contaminant source considerations outlined above. Maps will be clearly depicted on a scale that is consistent with the communities' land use and zoning maps or master planning efforts.***
- ***We have discovered discussion of groundwater recharge areas has been increasingly important with Local Planning Teams in the last four years. It provides a broader context for groundwater flow and contaminant transport drinking water resources. Regional evaluations of aquifer vulnerability and susceptibility to contaminant infiltration in recharge areas have been published by the USGS for Nevada. RCI has been using these studies, particularly developed for Nevada, to bring in basic contaminant transport concepts to the Local Planning Team. The following basic figure illustrates the concept which compliments the typical "time-of-travel" calculations for well capture zones.***



Modified from Berger (2000, p.7)

Figure 3. Typical ground-water flow and recharge patterns perpendicular to the long axis of valleys in Nevada for mountain blocks with different permeability and annual precipitation.

- ***At minimum, the 2-, 5-, and 10-year time of travel "capture zones" will be evaluated. The method, rationale, and supporting documentation will be provided to NDEP and the Local Planning Team for approval.***
    - ***RCI anticipates that there is sufficient pump test data or equivalent aquifer data to use analytical methods such as the WhAEM2000 model. This model is appropriate to be used to delineate the most capture zones and protection areas in Nevada's common basin-fill. Conceptual models will be provided to the NDEP for approval prior to delineating the source water protection areas. The following table identifies the data RCI will develop based on the parameters and format of EPA's WhAEM Model that we anticipate using for basic capture zone delineations.***

WhAEM 2000 Data	Data Sources
Elevations (feet)	*USGS digital elevation model or utility information, static water levels or depth groundwater data from well logs and NVDWR databases, published groundwater contour elevation.*
Aquifer Base Elevations (feet)	*Estimated from the surface elevation and well depth or estimated aquifers thicknesses.*
Aquifer Thickness (feet)	*Estimated from well log descriptions/lithology, screened intervals, static water levels and/or aquifer characteristics for individual wells.*
Hydraulic Conductivity (feet/day)	*Calculated from available pump test data for individual wells, calculated from transmissivity to specific capacity relationship (Maurer, 2011; Maurer and Welch, 2001), estimated from wells in close proximity if well pump test information is unavailable, or regional literature values if local well data is minimal (remote locations).*
Porosity (dimensionless)	*From published documents applied to well log evaluations or aquifer types if well logs unavailable.*
Hydraulic Gradient (dimensionless)	*Calculated for each well from available water level contour mapping or local water level monitoring data (PWSs and/or NVDWR databases).*
Flow Orientation	*Calculated for each well from available water level contour mapping, published data, or local water level monitoring data (PWSs and/or NVDWR databases).*
Well Locations (meters, UTM NAD 83)	*Coordinates from the BSDW Nevada Drinking Water Information System (NDWIS) database, utility mapping, aerial reconnaissance, and field GPS readings.*
Discharge (cubic feet/day)	*Maximum operating pump rate (ISWPP 2010) calculated from data provided by water purveyor (typically in gpm) used as continuous year round pumping. If not available, data from the BSDW database was used.*
Well Radius (feet)	*½ the casing diameter for the screened well segments.*
Trace Particles	*20 minima*
Reference Head (feet)	*Interpolated from published water level contour elevations or calculated static water levels from monitoring data.*
Travel Time (days)	*2-year or 730.5 days – NDEP required* *5-year or 1826.25 days– NDEP required* *10-year or 3652.5 days – NDEP required* *Longer than 10 years if requested for Local Planning Team objectives.*

- ***The wellhead protection areas developed in existing WHPPs will reviewed for quality assurance under Task B.IV. The method, criteria, and thresholds for using or adjusting the results of the prior studies, with a rationale and supporting documentation, will be incorporated.***
- ***Aquifers in some communities that have unique characteristics (Lincoln County), existing contamination issues (Elko, Carson Valley, Sparks), or are reaching water supply capacity (Truckee Meadows, Carson City, Fernley) have developed more complex and accurate aquifer models. Where extensive studies are available, RCI will review and utilize aquifer parameters and conceptual models, and as appropriate contact the local experts to provide supplementary information applicable to the level of detail needed in developing SWPAs.***

ELEMENT 3: CONTAMINANT SOURCE INVENTORY

Task B.VII. Inventory and Mapping of Contaminant Sources

Many PWSs have WHPPs that are 10 to 15 years old. In the time since these documents were produced, significant improvements to the availability of electronic information identifying potential and real point sources of groundwater contaminants have become available. Key objectives of this Task are to review existing inventories, collect up to date contaminant source data for each community, and management the data collected for user-friendly presentation and mapping.

RCI will continue to use the data sources as presented in the response to Task 3.2.3.1 of the RFP. There are many useful sources of digital data generated by State and Federal agencies that are publicly available or available upon request. Field reconnaissance will be used to verify PCSs in the SWPAs. Site surveys can be conducted by RCI and/or local staff or volunteers in a standardized format. Standardized formats may be electronic forms on handheld or portable laptop devices so that information can be field entered in electronic database format.

The PCS data will be used to build inventories and summarize risk categories in each community, which will then be presented to the Local Planning Team for review and comment. RCI will build presentation formats suited to the technology and data management capabilities of individual communities. Where communities have robust GIS capabilities, we will work closely with local GIS staff to format geodatabases consistent with community standards.

ELEMENT 4: DEVELOPMENT OF CONTAMINANT SOURCE MANAGEMENT STRATEGIES

Task B.IX. Selection/Prioritization of Contaminant Source Management Strategies

The Local Planning Team will be critical in developing contaminant source management strategies based on the information and mapping developed in Tasks B.IV, B.VI, and B.VII. RCI will assist in compiling the various data in formats for timely review by Team members such as:

- ***A matrix linking contaminant sources to SWPAs for evaluation by the Team.***
- ***Maps overlaying SWPAs with various contaminant sources.***
- ***Summaries of prior management strategies in local WHPPs.***
- ***Restatement of the goals developed by the Team (Task B.III)***
- ***Background information of contaminant source management strategies available from NDEP, EPA, and multiple agencies.***
- ***A summary of existing local activities/programs that already contribute to source water protection.***

The Local Planning Team will be invited to brainstorm about:

- ***Implementation and effectiveness of past management strategies.***
- ***Their validity given changed/updated conditions in the community.***
- ***New or modified strategies for managing contaminant sources on a SWPA basis.***
- ***Potential funding mechanisms.***
- ***Jurisdiction and management responsibilities.***
- ***Specific objectives for achieving the goals developed by the Team (Task B.III).***

The result will be a focused summary of objectives with a creative range of management strategies that will uniquely represent the source water conditions, community characteristics, and locally driven priorities.

RCI will assist the Local Planning Teams to select strategies that make sense and can be translated into implementable Action Plans. RCI believes that the Action Plan is key to improving implementation per the ISWPP goals and creating a living document that communities can carry forward. The Action Plan is envisioned as a project/activity work list within the framework the management strategies originated by the community members of the Team.

- ***Project-specific recommendations will be described by as: county-wide, within SWPAs, or specific to an individual PWS water source.***
- ***Local Planning Teams will be encouraged to make recommendations for future projections or adaptations to the CSWP Plan.***
- ***Project priority would be evaluated based on feasibility, as well as the level of threat and benefit. Threats could include the level of threat to life, aquifer, water quality, infrastructure and the like. Benefits could include the level of benefit to the aquifer, municipality, and infrastructure.***
- ***A standardized format is presently being developed to submit action Plan projects to NDEP for fund allocation. The Action Plan format would use this funding request criteria.***
- ***Format would include a conceptual description of each project/ activity with enough detail to develop a planning level cost, schedule, and potential funding mechanisms.***
- ***Electronic forms will include tracking past project evaluation components such as final cost, management strategy implemented, and PWS/population effected.***

A comprehensive list of Action Plan considerations the might be generated by local management strategies during the CSWP Plan development process is presented in the response to RFP Task 3.3.1.

ELEMENT 5: MANAGEMENT AND SHARING OF INFORMATION

Task B.X. Contingency Plans

Per Nevada's ISPPP guidance, Contingency Plans provide "resources for problem solving in the event of a loss of supply or impairment to the quality of drinking water". The Bureau of Safe Drinking Water requires PWSs to develop emergency response plans and water conservation plans in coordination with local and State agencies. Community water systems are also required to have alternate/redundant water supply capacity (secondary wells, etc.). In addition, PWSs also coordinate closely with State and Federal agencies responsible for fire suppression and emergency management. Representatives from local emergency management agencies will be invited to participate in the CSWP Plan development, as

discussed under Task B.I. Action Plan items from the CSWP Plan can be used to build upon existing emergency response programs. Considerations may include but are not limited to.

- ***Short term alternate water sources***
- ***Long term alternate water sources***
- ***Water source and infrastructure security***
- ***Water supply treatment or decontamination measures***
- ***Emergency response and contingency plan responsibilities***
- ***Operations under severe drought conditions***
- ***Prioritization of water supply vulnerability to short term and long term contamination***

This information will be evaluated by Local Planning Team and compared to the data developed in Tasks B.VI, BVI, and B.VII, to determine water system vulnerability to short term and long term contamination. The Team will consider gaps in existing planning measures that may be included in the Contingency Plan.

Task B.XI. Plans For Siting New Wells

In conjunction with Data Collection (Task B.IV) and the Contingency Plan (Task B.X) development, the Local Planning Team will review PWS plans for siting new wells and may make recommendations on potential new well locations to include the SWPAs. Most larger PWSs have stand-by wells and extra capacity built into their existing infrastructure, though small non-community water systems typically do not.

Opportunities for siting new wells previously identified by PWS operators or determined during the CSWP PLAN development process will be conceptually described in terms of desired depth and capacity. New sites will be modeled to delineate anticipated source water protection areas, based on sufficient operating and aquifer parameters. Future implementation plans may incorporate site specific investigations to determine the viability of proposed sites, acquire permits or access rights, or set aside future funding for well construction. Plans for siting new wells can be an action plan component that considers:

- ***Data developed for the CSWP PLAN***
- ***Ability to obtain access (land ownership)***
- ***Pumping capacities needed***
- ***Connection points to utility infrastructure***
- ***Water rights acquisition***

Task B.XII. Public Participation/Education Plan

The RCI Team enjoys preparing public education materials and making presentations regarding CSWP Plan development in each community. During the past four years, RCI has used the groundwater and watershed models coupled with local maps of the SWPA boundaries and photos of examples in power point presentation format with great success.

The Local Planning Team members are essential in bringing key community players into the education/outreach program. Under the 2012-2016 contract, outreach through face to face

presentations have been successful with many audiences, and we will apply that valuable experience to the communities selected during the 2016-2020 including:

- ***Local government: advisory committees, City and County Planning Commissions, Conservation Districts. other agencies with jurisdictional authority in designated SWPAs.***
- ***Central Nevada and/or Humboldt River Water Authority***
- ***Northern Nevada Development Authority***
- ***Professional forums, philanthropic groups, recreational groups and local industry meetings.***
- ***Lander/Pershing/Humboldt Tri-County Fair,***
- ***PWS Boards or GID meetings.***

RCI will continue to build on our public outreach experiences and expand the existing resources available to schools, local officials, and interested parties by reaching out to existing educational programs. RCI proposes to maximize the efficient use of contract funds by continuing our strategy in partnering with local and regional education organizations such as:

- ***The Nevada Outdoor School (Humboldt River System),***
- ***Farm Bureau Ag in the Classroom***
- ***Rural Community Assistance Corporation (RCAC)***
- ***University of Nevada, Reno, Cooperative Extension***
- ***University of Nevada, Reno, Center for Economic Development***
- ***NDEP Bureau of Water Quality Planning: Nevada Project WET***
- ***Statewide and local STEM program coordinators***

Letters of participation for several of the educational organizations are provided Tab IX of this proposal.

RCI proposes to train the local education advocates in use of the models and the ISWPP message for "Contaminant Source Control at The Local Level." The audience's recognition that much less money is spent protecting a drinking water source than cleaning one up once contaminated is important.

Using overly-technical vocabulary is a common pitfall of scientist and engineers. The messages have to be focused, clear, concise, and meaningful; developed for a target audience. RCI will use "words that work", supported by visuals and formats that keep pace with changing trends in social media. In order to maximize the effectiveness of the community outreach programs, RCI will utilize:

- ***Printed material including information fact sheets, frequently asked question (FAQ) brochures PWS/utility offices, libraries and other public buildings.***
- ***Local City, County, and PWS websites, as well as the RCI and NDEP ISWPP websites.***
- ***Face to face presentations supported by PowerPoint, on-line GIS, and hands on displays, such as the groundwater and watershed physical models.***
- ***Radio interviews, press releases, and other social media; keeping pace as technology develops in the next four years.***

3.2.4.2 An estimated timeline for completing each of the project tasks, submitting associated deliverables, allowances for NDEP staff and the local planning team to review and comment on deliverables and final deliverable date (see ***Attachment H, Cost Schedule*** for a schedule of deliverables);

RFP Component B, Task 3.2.4.2

RCI is proposing to begin work in three counties during July 2016, or as soon as the contract is approved. The estimated timeline overview shown below illustrates the progression of CSWP Plan development and implementation activities through the four-year contract period for the Recommended and Alternate Approaches in two-year blocks. It also shows draft and final document review periods and anticipated deliverable dates consistent with RFP Attachment H Component B Deliverables.

PROPOSED TIMELINE FOR RECOMMENDED APPROACH

Initial Contract Term

Community	***July to Sept, 2016***	***Oct. to Dec., 2016***	***Jan. to March, 2017***	***April to June 2017***	***July to Sept, 2017***	***Oct. to Dec., 2017***	***Jan. to March, 2018***	***April to June 2018***
Pershing Plan Development	***1st Draft Aug 15, 2017; Final Draft, Sept 15, 2017***					***Plan Adoption***		
Lander & Eureka Plan Development		***1st Draft Oct. 1, 2017; Final Draft, Dec. 1, 2017***					***Plan Adoption***	
Statewide Implementation	***Draft Implementation Report May 1, 2018; Final Implementation Report June 15, 2018***							

Extended Contract Term

Community	***July to Sept, 2018***	***Oct. to Dec., 2018***	***Jan. to March, 2019***	***April to June 2019***	***July to Sept, 2019***	***Oct. to Dec., 2019***	***Jan. to March, 2020***	***April to June 2020***
Elko Plan Development	***1st Draft Aug 1, 2019; Final Draft, Sept 15, 2019***					***Plan Adoption***		
Lincoln Plan Development		***1st Draft Oct. 1, 2019; Final Draft, Dec. 1, 2019***					***Plan Adoption***	
Statewide Implementation	***Draft Implementation Report May 1, 2020; Final Implementation Report June 15, 2020***							

PROPOSED TIMELINE FOR ALTERNATE APPROACH

Initial Contract Term

Community	***July to Sept, 2016***	***Oct. to Dec., 2016***	***Jan. to March, 2017***	***April to June 2017***	***July to Sept, 2017***	***Oct. to Dec., 2017***	***Jan. to March, 2018***	***April to June 2018***
Pershing Plan Development	***1st Draft Aug 1, 2017; Final Draft, Sept 15, 2017***					***Plan Adoption***		
Elko or Lincoln Plan Development		***1st Draft Oct. 1, 2017; Final Draft, Dec. 1, 2017***					***Plan Adoption***	
Washoe County				***Education and Outreach for Work Plan Approval***				
Statewide Implementation	***Draft Implementation Report May 1, 2018; Final Implementation Report June 15, 2018***							

Extended Contract Term

Community	***July to Sept, 2016***	***Oct. to Dec., 2016***	***Jan. to March, 2017***	***April to June 2017***	***July to Sept, 2017***	***Oct. to Dec., 2017***	***Jan. to March, 2018***	***April to June 2018***
Washoe Plan Development	***1st Draft July 15, 2019; Final Draft, Sept 15, 2019***					***Plan Adoption***		
Implementation	***Draft Implementation Report May 1, 2020; Final Implementation Report June 15, 2020***							

3.2.4.3 A general description of the community, inventory of the sources (i.e., wells and/or springs) to be included in the plan, and a brief statement about their degree of vulnerability to contamination; and

RFP Component B, Task 3.2.4.3

RCI is proposing that Pershing, Lander, Eureka, Elko and Lincoln Counties be selected for technical assistance with CSWP Plan development as described in Task 3.2.1.1 and 3.2.1.2. A general description of the communities, source waters, and vulnerability to contamination is outlined below to support RCI's preliminary work plans (Section 3.2.4, Attachment H B.1 through B.XII) .

PERSHING COUNTY

Pershing County encompasses 6,068 square miles, including 31 square miles of water (Rye Patch Reservoir). The majority of development is located in the Lovelock Valley and Grass Valley, both of which are in the Humboldt River watershed with a total population of 6,653 people (2010 census).

Pershing County contains 15 PWSs of which three have WHPPs on file. The largest PWS is Lovelock Meadows Water District which uses two (2) wells to serve roughly 5,400 persons, including inmates at the Federal prison. The WHPP was completed in 2003. Water is piped from the Oreana well field roughly 12 miles to the northeast of the City of Lovelock.

These wells are physically protected and located on alluvial fans. Nearby land uses include mining and rural development. Clearly the importance of this water system to the Lovelock community cannot be overstated.

Pershing County has a variety of documents that will be useful in preparation of the IWSPP. There are two planning bodies in Pershing County: the Pershing County Planning Department and the Regional Planning Commission (includes the City of Lovelock).

LANDER COUNTY

Lander County encompasses 5,621 square miles and includes 5,490 persons (2010 census). The majority of development is located in Battle Mountain. The remainder is scattered with 10% of the population located in the Austin and Kingston areas.

There are 8 PWSs in Lander County which include seven (7) wells and two springs, and three PWSs have WHPPs (Kingston, 2011, Austin, 2001, and Battle Mountain 2002) which cover seven (7) wells and two springs and serve 4,335 persons. The main hydrologic feature in Lander County is the Reese River, which flows from the south near Austin to the north into the Humboldt River near Battle Mountain.

The Lander County Water Plan (2011) identifies protecting natural recharge areas, surface water and groundwater quality as a priority. Objectives include establishing measures to prevent surface and groundwater contamination, manage wastewater for protection of water resources, and establish well-head protection areas for groundwater resources. In Battle Mountain, the PWS wells are located in heavily populated areas and near commercial and industrial developments.

EUREKA COUNTY

Eureka County encompasses 4,175 square miles. The population of 1,987 (2010 census) is concentrated in Eureka, Diamond Valley, Crescent Valley, and Beowawe. The population is primarily directly and indirectly related to mining activity. Eureka County has 12 PWSs including 9 wells with only 2 WHPPs, both of which are 10 years old, serving 935 persons.

There are several PWS wells in Eureka County that have not been modeled, as well as several active springs. The wellhead and WHPA for the Crescent Valley water is located within Lander County. Therefore, it is important to have the Lander County Planning staff on the Local Planning Team. Areas in Eureka County are vulnerable to contamination from septic systems, USTs, accidental releases from travelways.

There are two planning organizations in Eureka County: Eureka County Planning Commission and the Eureka County Public Land Use Advisory Commission which will be helpful in making the plan meaningful to the communities in Eureka County. Eureka County has a 2010 Master Plan which prioritizes protection of water quality.

ELKO COUNTY

Elko County encompasses 17,170 square miles and includes 48,942 persons (2010 census). The City of Elko completed a WHPP in 2004. There are 52 PWSs in the County including 45 wells and 2 springs. Eight PWSs have a WHPP. Although all of the WHPPs are over 10 years old, they list specific action items for source water protection. Items include structural protection of springs and wellheads, and outreach to specific business operators.

While the majority of the population is covered under the 45 wells and 2 springs in these plans, there are still over 7,300 persons served by PWSs that do not have a WHPP.

There are six planning bodies in Elko County: The Elko County Community Development, Planning and Zoning Department, the Elko County Public Land Use Advisory Commission, the Carlin Planning Board, the Elko Planning Department, Wells Planning Commission, and the West Wendover City Council. These entities will be helpful in crafting a meaningful document for the communities.

LINCOLN COUNTY

Lincoln County contains 16 PWSs including 13 wells and one spring. Three of the four community PWSs have WHPPs on file (all are over 10 years old). There are three community water systems: Pioche, Caliente, and Alamo. Community water systems serve 5,513 persons.

Lincoln County has a variety of documents that will be useful in preparation of the IWSPP including a 2007 Master Plan. There are three planning bodies in Lincoln County: the Lincoln County Planning Commission, the Lincoln County Natural Resources Planning Commission, and the Caliente Planning Commission.

The low number of PWSs and RCI's history and familiarity with the County will allow RCI to efficiently complete the SWPP.

WASHOE COUNTY

Washoe County encompasses 6,551 square miles and 433,731 persons (2013 census estimate). The majority of the population is near Reno and Sparks.

Should Washoe County be prioritized by RCI and the BWPC, there are 41 community systems, for a combined total of 89 PWSs. Of these, six community systems have WHPPs on file: Hidden Valley, Lemon Valley, Pyramid Lake, Silver Knolls, Spanish Springs, and TMWA. Drinking water is provided through over 160 wells, 11 spring sources and the Truckee River. The Truckee Meadows Water Authority is the largest PWS in Washoe County and 85% of its customer demands are met by Truckee River diversions while 15% or less are met groundwater resources.

There are four primary planning bodies that would be engaged: The Washoe County Department of Community Development, the Reno Community Development Department, the Sparks Planning and Community Development Department, and the Truckee Meadows Regional Planning Agency. In addition, there is the Western Regional Water Commission that oversees regional water resource planning for southern Washoe County including oversight to the Northern Nevada Regional Water Planning Commission.

There is a wealth of groundwater quality information available for the Reno-Sparks metropolitan area which could be used. In addition, the existing WHPPs could be efficiently updated. Most importantly, the smaller PWSs would be brought under a SWPP.

3.2.4.4 Evidence that the local governmental bodies and/or public water systems (PWSs) support the project and will actively participate.

<u>RFP Component B, Task 3.2.4.4</u>
RCI understands the importance of local governmental entity and public water system support to the success of this project. As such, RCI approached decision makers in the counties identified in our recommended Approach prior to submittal of this response to gauge the level of support and interest. We discovered a significant level of support both for the ISWPP and for RCI to complete the work. Attached in Tab IX are letters of support members of local government in Pershing, Elko and Lincoln counties.

Gathering support from other local governments and public water systems is built into our initial work plan. We understand how important it is to get out in the field and meet with the various entities to really understand their individual concerns and perspectives. We are confident our approach to carrying the ISWPP though the counties along the Humboldt River corridor, will allow us ample opportunity to build on this initial interest, as success is achieved in neighboring communities.

3.2.5 With some exceptions, (considering community size and population), a State endorsable CSWPP must be completed within fifteen (15) months following final approval of the work plan.

<u>RFP Component B, Task 3.2.5</u>
The estimated timeline, included in under Section 3.2.4.2, shows how RCI proposes to complete a Final Draft CSWP Plan for each community within the fifteen (15) months following approval of the work plan. We have found the detailed work plan timeline and deliverables shown in RFP Attachment H, Component B deliverables, provides a reliable guideline for CSWP Plan development process proposed by RCI. Timing is typically controlled by the planning and review elements, rather than data collection and technical steps of the process. For the rural counties proposed under the Recommend Approach, fifteen months is appropriate to prepare a Final Draft CSWP Plan addressing the requirements of the ISWPP Guidance document and the Local Planning Team.

If the Alternate Approach is selected, RCI proposes an exception and would extend the 15 month timeframe in Washoe County. The number and size of PWSs in Washoe County necessitates that the education/outreach period would be initiated during the 2016-2018 contract term, while completion of the technical presentation and review would be executed primarily during the 2018-2020 contract term. This approach is presented in greater detail under the response to RFP Task 3.2.1.

In addition to the five fundamental elements of an endorsable CSWP Plan, the 15-month timeline includes the following reporting and review Tasks presented in the responses to RFP Tasks 3.2.5, 3.2.6, and 3.2.7 and 3.2.8.

- ***Deliverables B.V, B.VIII, B.XIII, B.XV, and B. XVIII – Quarterly reporting of contract progress and status to the State and the Local Planning Team.***
- ***Deliverables B.XIV and B. XVI – Timeframes for draft CSWP Plan review, comment, and revision.***

In addition, six months or more is often necessary to escort the Final Draft through the public meetings required for formal adoption by multiple local government entities. RCI's approach this phase is described under Section 3.2.8.

- ***Deliverable B.XVII – Presentation of final plans to PWSs, governing boards, and the State for approval/adoption.***

3.2.6 The awarded vendor(s) must propose a schedule for regular reporting to NDEP in coordination with the vendor(s) proposed invoicing schedule. Reports which accompany invoices must describe the work completed on the project during the associated time frame, citing relevant successes and constraints encountered on the project, including an updated project schedule where needed, with a recommended path forward. In addition, the vendor(s) must provide more informal and regular project updates via email or facilitate frequent contract meetings with NDEP to ensure staff is regularly updated on day to day activities. NDEP understands there are a variety of considerations affecting communication, reporting, and meeting methods that may be proposed to accommodate planning and reporting (such as geographic locations of communities and associated travel budgets, media challenges, local agency meeting and public notice constraints, etc.). NDEP expects vendor(s) to propose a regular reporting schedule that reasonably addresses the needs of the contract.

<u>RFP Component B, Task 3.2.6</u>
Quarterly reporting is a requirement for an endorsable CSWP Plan, and numbered tasks are included in the work plan template for Component B of the RFP (Attachment H).

Task B.V, B.VIII, B.XIII, B.XV, and B. XVIII. – STATUS REPORTS
Under the current contract, RCI has been preparing standardized reports on the progress of contract tasks, schedule and budget to NDEP at six week intervals to accompany project invoices. An example of the current format and content are provided in the response to RFP Component C Task 3.5.1. RCI prefers electronic submittal of status reports with the invoicing 6-week intervals, but is willing to consider quarterly status reports consistent with the RFP Attachment H, Component B Deliverables.

We will continue working closely with NDEP to guarantee report format and content clearly illustrate the overall progress and status of the Contract. The reports will also forecast activities and needs to help NDEP and RCI maintain budgets and schedules that are efficient, yet flexible enough to address unique community needs. RCI will also review the progress consistent with the NDEP CWSP Plan Endorsement Checklist, Section 4.5 of Nevada's ISWPP, 2010, and recommend adjustments as needed to ensure the plan is endorsable by the State. An example status report template is included in the response to RFP Task 3.5.1.

MONTHLY UPDATES
Similar to the current program, anticipates RCI meeting regularly with NDEP to coordinate contract progress. Our office and key staff are located in Carson City, which permits cost effective and frequent meetings with NDEP, both scheduled and impromptu, but monthly at a minimum. We readily communicate with phone calls and email. Our conference room is equipped for displaying webinars and

GIS mapping at coordination meetings, which we've been using regularly during the current ISWPP contract.

3.2.7 The awarded vendor(s) must submit the *first* draft CSWPP to the planning team ninety days prior to the proposed work plan expiration date, and provide a minimum thirty days review and comment period for both NDEP and the local planning team. Vendors are expected to make allowances for multiple draft reviews, which may be needed, in order to facilitate plan completion and address community needs. A CSWPP that has been reviewed and approved by both NDEP and the local planning team must be submitted to NDEP by the work plan expiration date.

RFP Component B, Task 3.2.7
CSWP Plan review, comment, and revision is a requirement for an endorsable Plan and numbered Tasks are included in the work plan template for Component B of the RFP (Attachment H).

Tasks B.XIV and B. XVI – CSWPP REVIEW, COMMENT, AND REVISION
Assuming a contract start date of July 2016, the estimated timeline (Section 3.2.4.2) shows how RCI proposes to have the first Draft CSWP Plan for selected communities submitted for review. The estimated timelines provide adequate time for a thorough review by the Local Planning Team and NDEP. Revisions will be made as needed by RCI to prepare the Final Draft CSWP Plan for local community adoption.

Additionally, RCI will prepare sections of the CSWP Plan for review as the development process is moving forward. As data collection, modeling, and potential contaminant source sections of the document are completed, they will be provided for review by the Local Planning Team and NDEP. This should make the review of the First and Final Draft documents efficient and timely.

We have found different communities need different technical tools for document review and comment. Our approach will continue to offer:

- ***Electronic copies of documents - both WORD and PDF format,***
- ***Electronic copies of maps in PDF format,***
- ***Access to ARC GIS On-line (communities moderate to high internet capabilities),***
- ***FTP and "drop box" type sites (where email capabilities are limited),***
- ***Mailing paper copies and flash drives (communities with limited internet capabilities), and***
- ***Face to face meetings to keep stakeholders engaged.***

3.2.8 For a CSWPP to be endorsed by the State, the Program must complete all fundamental elements of an endorsable Plan, as outlined in the most recent State of Nevada ISWPP Guidance Document. It is important that the awarded vendor(s) understand that the State's ISWPP is dynamic and may be amended regularly; therefore, vendor(s) must demonstrate flexibility in meeting the changing requirements of the Program. The extent to which each of the elements is addressed in the final report may vary from one community to another based upon community size and resources.

RFP Component B, Task 3.2.8

RCI's initial work plan has been developed to ensure the five fundamental elements, as outlined in the ISWPP guidance, are included in the CSWP Plan development for the counties identified in our response for Task 3.2.1.2, 3.2.4.2, and 3.2.5.

However, RCI understands that as the work plans are implemented, mapping and data in the plans will change as new information becomes available and community understanding of source water protection needs evolve. One of RCI's strengths is our ability to work with our clients and regulators to adapt our work tasks as needed. Rarely do conditions remain static throughout a project, so it is necessary that we remain flexible, while keeping the ultimate project goal in sight. Our performance during the 2012 - 2016 Contract supports our statement that RCI is a very flexible firm to work with and, in being flexible, is very fair regarding changes in work scope and contracts.

Task B.XVII – PRESENTATION OF FINAL CSWPP TO FOR APPROVAL/ADOPTION

Approval/Adoption of the Final CSWP Plan by PWSs and local governing boards is the final and crucial step in preparing a State endorsable plan. The scope and duration of this task will depend upon the number of communities encompassed in the CSWP Plan and the local political processes. The work plan template for Component B of the RFP (Attachment H), allows up to six months for approval/adoption of the final plan, which in our experience is necessary and realistic.

Our approach, upon completion of the Final Draft CSWP Plan, is to coordinate closely with the local County, City, and GID representatives to prepare supporting documents and Board presentations. As applicable, acceptance will also be sought from Public Land Managers and other stakeholders when proposed management strategies overlap jurisdictional boundaries.

During the approval/adoption process RCI would assist to:

- ***Update of Master Plan language to incorporate the CSWP Plan by reference,***
- ***Draft "Resolutions" for City or County Board adoption,***
- ***Review language with local legal counsel,***
- ***Prepare "staff reports" language for use by local City or County staff presentations, and***
- ***Make presentations of the final Plan to local Boards.***

Typically, adoption of Plans by the County Commission requires prior approval by associated City Councils and individual PWSs. RCI would schedule and coordinate these presentations.

Our approach to making successful presentations before governing bodies, is to include:

- ***A participating team member showing the local government support.***
- ***An ISWPP representative from NDEP showing the States commitment.***
- ***An RCI representative discussing technical details and implementation of the CSWP Plan.***

We believe this critical final step of approval/ adoption must be kept in focus throughout the Plan development process to be completed in a timely fashion.

3.3 Component C – Technical Assistance with CSWPP Implementation for Communities and Small Public Water Systems with State-endorsed Wellhead Protection Plans

Through the efforts of the State ISWPP and the Vulnerability Assessment Program, many PWSs have completed CSWP/WHP Plans and are managing potential sources of contamination in their communities.

Potential contaminant source management is a critical step in reducing the threat of groundwater contamination. Implementation funding may only be granted on activities outlined in a State-endorsed CSWPP. There are a variety of mechanisms for contaminant management a community or public water system may consider. Implementation of contaminant source management may include (but are not limited to):

3.3.1 Technical assistance to communities and public water systems that have a State-endorsed CSWPP, to implement their plans in accordance with CSWPP strategies;

<u>RFP Component C, Task 3.3.1</u>
RCI is the best choice to provide technical assistance because our firm has a history of working with water supply and resource protection projects throughout Nevada for over 38 years. Significantly, we have spent the last four years building relationships with PWSs and local governments through the plan development process. In addition, during the 2012-2016 contract period, RCI:

- ***Successfully implemented and is completing 20 different source water protection projects in seven different counties.***
- ***Reviewed all existing plans to evaluate statewide implementation objectives, and as a result, is familiar with management strategies and action plans in the approved CSWP Plans and WHPPs statewide.***

In our experience, types of CSWP Plan and WHPP implementation projects are wide ranging and unique to the local community priorities. RCI has the diversity of expertise in-house to successfully complete engineering, planning, and resource type projects. We also have the contacts to partner with parallel programs and flexibility to utilize local community services. (Letters of support are included in Tab IX of the RFP from the Nevada Outdoor School and the UNR Center for Economic Development).

RCI TEAM
Resource Concepts, Inc. proposes to utilize the following Key Staff members for Task C - CSWPP Implementation.

- ***Jill Sutherland will coordinate RCI Team member activities and track costs, schedules, budgets and progress reports.***
- ***Rachel Kryder will lead the technical support teams for CSWP Plan implementation projects.***
- ***Each implementation project will have an "Implementation Work Plan" designating the technical support team. The following table illustrates the roles of individuals and comprehensive skills available at RCI to from project implementation teams.***

Jill Sutherland PE	***Project Manager***
Rachel Kryder PE	***Implementation Team Leader***
Lynn Zonge PG	***Outreach Coordinator***
Kathy Canfield	***Master Plan /Land Use Specialist***
Michelle Gamble PE	***Public Works / Civil Engineer***

Marvin Tebeau CEM	***Regulations / Certified Environmental Manager***
Russell Plume	***Hydrogeologist***
Kristin Roaldson PE	***Groundwater Monitoring / Education Coordinator***
Steven Ponte	***GIS Specialist***
Jeremy Drew	***Public Lands Specialist***
Don Henderson	***Agriculture / Range Specialist***
Dawn Aragon	***Water Rights / GIS Specialist***
Jody Matranga	***Desktop Publisher***

RCI will be flexible in coordinating with outside expertise if the need arises for specialized technical assistance.

- ***We have also established working relationships between the ISWPP and other programs who are eager to continue to supporting CSWP implementation project. Letters expressing support included in Tab IX of the proposal.***
- ***In our experience, local community projects require local expertise for efficient, cost effective, implementation. As projects are solicited statewide, vendors or subcontractors with local expertise will be identified and selected to assist with prioritized implementation projects.***

We anticipate technical assistance may include the following types of projects based on our ongoing work with Local Planning Teams and the comprehensive review of existing plans previously developed for the ISWPPP by RCI. The following table illustrates the contract funds allocated by general categories of implementation projects under the 2012-2016 contract.

General Category	***% Allocation***
Travel	***5***
Code development	***10***
Education and Outreach	***25***
Household Hazardous Waste Program Development	***10***
Physical improvements	***25***
Well abandonment	***10***
GIS tool development	***8***
Implementation and prioritization tools	***7***
Total	***100***

Outlined below are 20 different types of important implementation projects that RCI has compiled from discussions with local communities about needs identified in their CSWP Plans and WHPPs. They have been added to the Cost Proposal Table for Component C in Attachment H. RCI recognizes that over the contract term, some implementation tasks may not be selected and others may be added based on Local Planning Team requests and NDEP priorities (Section 3.1.1.1).

1. ***Develop local Land Use/Management Plans that might address community specific aquifer vulnerability or facilitating consensus between local government and federal land management policies (local Public Lands Policy).***
2. ***Project oversight for well improvements or abandonment.***
3. ***Contingency and Emergency Planning for small PWSs, including additional technical studies for new well siting such as access and water rights acquisition.***

4. ***Abandoned well inventories to identify and prioritize orphaned wells for abandonment.***
5. ***Assist communities to develop a home waste collection program and implementation schedule.***
6. ***Assist communities to develop education materials and public outreach programs (web sites, flyers, mailings, signs/banners, hands-on watershed and groundwater models, etc.)***
7. ***Assist communities with new well siting and developing measures to protect future/alternative sources.***
8. ***Assist communities statewide to prioritize and submit requests for implementation funds.***
9. ***Assist with feasibility studies and funding applications for larger projects that have budgets and timeframes beyond the scope of this Contract.***
10. ***Prepare simple plans and specifications for site work, such as fencing or sign installation.***
11. ***Prepare sampling plans and well designs for groundwater monitoring.***
12. ***Present source water protection at community events with groundwater and watershed models (for example county fairs, board meetings, STEM nights, Rotary and similar clubs, schools, Earth Day events, etc.).***
13. ***Coordinate with watershed and conservation groups to incorporate SWPA education into existing outreach and public education programs.***
14. ***Stormwater quality assistance for local communities to manage this potential groundwater contaminant source; including for example: Low Impact Development (LID) practices, on-site pollution prevention controls, funding mechanisms, and infiltration structures maintenance.***
15. ***Coordinate with emergency management agencies for education about drinking water quality protection.***
16. ***Draft ordinance language and prepare supporting technical reports for governing board or funding agency presentation.***
17. ***Improve local GIS accessibility through training, database development, and access GIS applications.***
18. ***Explore local Septic Management Systems in partnership with RCAC, including training and development of funding mechanisms.***
19. ***Coordinate with the University Center for Economic Development (University of Nevada Reno, College of Business) to facilitate identification and development of local funding mechanisms to sustain community source water protection programs.***
20. ***Explore agreements for watershed restoration feasibility and protocols with land managers; for example, recharge areas under the jurisdictions of: local Open Space managers, Bureau of Land Management, USDA Forest Service, tribal government.***

3.3.2 Use of a portion of the contract funds to reimburse direct costs associated with implementation activities like well abandonment, physical well house protection, purchasing signs, public education materials, etc. (amount to be determined as the contract progresses); and

<u>RFP Component C, Task 3.3.2</u>

During the 2012-2016 contract, RCI facilitated use of contract funds for implementation projects through both technical assistance and reimbursement of direct costs for design and installation of educational materials, physical trail stabilization, well abandonments, watershed and groundwater educational materials, flyers and mailings, and wellhead fencing.

During the 2016-2020 timeframe, we anticipate similar types of projects, as well as funding unique projects developed by Local Community Planning Teams. Examples might include:

1. ***Watershed and groundwater models and supplies for education programs.***
2. ***Well security improvements such as fencing, screening, signage, bollards and enclosures.***
3. ***Reproduction and mailing costs for education surveys or flyers.***
4. ***Proper abandonment of unused wells.***
5. ***Education signage design and construction (panels, kiosks, postings, banners).***
6. ***Tools or equipment for emergency response organizations.***
7. ***Equipment and laboratory analysis of samples for water quality sampling.***
8. ***GIS tools and geodatabase assistance.***
9. ***Web page material assistance.***

3.3.3 Assistance to communities and public water systems in choosing mechanisms that will make sense for individual community needs and in the most cost effective manner.

<u>RFP Component C, Task 3.3.3</u>
RCI has been creative and successful in assisting Nevada communities to choose cost effective projects that fulfill community needs.

Types of CSWP Plan and WHPP implementation projects are wide ranging and unique to the local community priorities. RCI has the diversity of expertise in-house to successfully complete engineering, planning, and resource type projects. We have earned the support of communities during the CSWP Plan development process and have continued to engage them in implementation of their Plans. Letters expressing continuing commitment to CSWP Plan implementation through RCI are included in Tab IX of the RFP.

Under the successful 2012-2016 contract, we reviewed all of the existing CSWP Plans and WHPPs statewide and summarized their management strategies and action plans to assist with statewide implementation objectives. RCI is in the midst of soliciting implementation projects using a statewide prioritization approach and will keep this momentum going under the next contract term.

- ***Completed summary of Statewide approved WHPPs and CWSP Plans.***
- ***Continue the on-going contact database and geodatabases.***
- ***Draft solicitation requests for funding of implementation projects.***
- ***Draft prioritization matrix for NDEP to prioritize projects for funding.***
- ***Recommendations to work with the entities and develop project implementation work plans.***
- ***Consider timing and coordination with plan development for cost effective projects.***

3.4 CSWPP Implementation Project Work Plans

Tasks must be outlined in the implementation project work plan and must be identified in the "Management Strategies" section of the CSWPP. If tasks are not identified, the vendor(s) will assist the entity to update the Plan.

3.4.1 Project work plans must reference the specific potential sources of contamination to be managed, describe the management activities to be conducted, and must include a schedule for completing each of the project tasks; a minimum of three (3) bids for proposed projects may be required.

<u>RFP Component C, Task 3.4.1</u>

Project requests may originate from direct contact and/or an annual survey of eligible participants, but must meet the community goals, objectives and strategies adopted in an NDEP endorsed WHPP or CSWP Plan. If the project is not identified, then RCI will assist in updating the Plan as appropriate.

RCI is presently assisting NDEP to refine the criteria for prioritizing project requests and we have prepared a request form for entities to solicit implementation funding from the ISWPP. A contact list has been developed from a statewide survey of approved Plans and we anticipate distributing the request forms through NDEP in May or June 2016.

Each project/activity will be described using a standardized format (electronic form) for consistency and tracking. This tool will assist NDEP in identifying and allocating limited ISWPP resources on a statewide basis to for drinking water protection.

RCI will work closely with proponents of priority projects to develop more detailed individual "Implementation Project Work Plan". Each work plan would at minimum include the following information:

- ***Proposing entity and key contact***
- ***Source Water(s) being protected***
- ***Contaminant Source being addressed***
- ***CSWPP Plan Management Strategy/Action being implemented***
- ***Local collaboration achieved***
- ***Priority using ISWPP program criteria***
- ***Conceptual project/activity description***
- ***Local or specialized expertise needed from subcontractors or vendors outside RCI***
- ***Planning cost estimate***
- ***Planning schedule***
- ***Other potential funding source(s)***
- ***PWS and/or Local Government acknowledgement***

3.4.2 All work plans must be approved by NDEP and the local planning team. If the community entity proposing the project is not the local governmental body or the PWS, it must provide evidence the local governmental body and/or PWS supports the project and will actively participate.

RFP Component C, Task 3.4.2

Each Implementation Project Work Plan will be submitted to NDEP for review and approval. Projects may be phased to allow a step-by-step approach that assures objectives and feasibility and that the scope is accepted by collaborating entities (PWS, local government, NDEP, etc.)

Projects / activities will include technical assistance provided by RCI and approved direct costs for materials/equipment/services for specific projects. Procedures for direct purchase of materials, equipment, or services will be coordinated with NDEP and State Contracting services to ensure necessary bids and other requirements are completed and properly documented. Documentation will be included in routine progress reports.

3.5 Deliverables

3.5.1 The awarded vendor(s) must submit at a minimum detailed progress reports that describe the work completed on the project during the associated time frame, relevant successes and constraints encountered on the project, an updated project schedule where needed, and a recommended path forward to be submitted in conjunction with the proposed invoicing schedule. In addition, the awarded vendor(s) must submit to NDEP staff via an agreed upon medium (email, phone calls, contract meetings) at a minimum monthly updates on contract progress. NDEP expects the awarded vendor(s) to work closely with NDEP on all work plans and clearly outline reporting schedules. Where applicable, awarded vendor(s) must provide NDEP with digital photos of implementation projects.

RFP Component C, Task 3.5.1

PROGRESS REPORTS

Under the current contract, RCI has been preparing standardized reports on the progress of contract tasks, schedule and budget to NDEP at six week intervals to accompany project invoices. An example of the current format is provided below. RCI prefers to submit invoicing and progress reports electronically.

We propose to continue coordinating progress reports with the invoicing cycle and working closely with NDEP to guarantee reports clearly illustrate the overall progress and status of the Contract. The reports will also forecast activities and needs to help NDEP and RCI maintain budgets and schedules that are efficient, yet flexible enough to address unique community needs.

MONTHLY UPDATES

Similar to the current program, anticipates RCI meeting regularly with NDEP to coordinate contract progress. Our office and key staff are located in Carson City, which permits cost effective and frequent meetings with NDEP, both scheduled and impromptu, and monthly at a minimum. We readily communicate with phone calls and email. Our conference room is equipped for large screen viewing on webinars and GIS mapping, which we've been using regularly meetings during the contract ISWPP contract.

RCI Status Report - Example

mm/dd/yy through mm/dd/yy

Nevada Division of Environmental Protection

Integrated Source Water Protection Program

Task B – CSWP Plan Development

Summary of Work Done Last Period:

Task B1-CC. Form Team

Task B2-CC. Data Collection

Task B3-CC. Modeling and SWPA Delineation

Task B5-CC. Document Development

Task B6-CC. Status Reports

Task B7-CC. Other Direct Costs

Task B8-CC. Travel Expenses

Forecast of Activities During Next Period:

Task B1-CC. Form Team

Task B2-CC. Data Collection

Task B3-CC. Modeling and SWPA Delineation

Task B5-CC. Status Reports

Task B6-CC. Administrative Costs

Task B7-CC. Travel Expenses

Scope Changes Made:

Schedule Status:

Budget Status:

Contract amount	**$**
Prior billed amount	$
Billed this period	$
Budget remaining	**$**

Input Needed:

Other Issues or Concerns:

Value Added:

Attachments: (supporting information and invoices)

3.5.2 Sixty days prior to the work plan expiration date, the awarded vendor(s) must submit to NDEP a completed draft Implementation Report that describes the management measures that were implemented.

RFP Component C, Task 3.5.2

RCI is presently preparing the draft Implementation Report for the current contract and we anticipate submitting the draft prior to May 1, 2016. Budgets and progress of each implementation project executed under Task C. Routine progress reports are being used to prepare a summary of the accomplishments for each project. The summary Implementation Report includes the following:

- ***Overview of the implementation approach,***
- ***A brief description of each project, and***
- ***A summary spreadsheet referencing key program information and final cost for each project.***

Once the draft Implementation Report has been reviewed by NDEP and revisions have been made, the final documents will be submitted to NDEP for approval.

3.5.3 A final Implementation Report must be submitted to NDEP prior to the work plan expiration date.

RFP Component C, Task 3.5.3

The final Implementation Report will provide NDEP with a tool to communicate the accomplishments of the ISWPP to local and national interests, evaluate past project effectiveness, and focus future efforts. As proposed under Tasks 3.3 and 3.4, we anticipate that projects implementing the CSWP Plans and WHPPs will continue on a statewide basis over the complete term of the Contract. Each implementation project will be tracked individually from initiation to completion in the same format.

This data will be summarized in the final report and submitted prior to the Contract expiration date. An example of the data that can be compiled for the final Implementation Report is the table under Task 3.3.1 that represents the funds allocated by general category for implementation under the 2012-2016 contract.

RCI will prepare a summary Implementation Report at the end of the initial two-year contact period and as renewed prior to the end of the 4-year contract. We are uniquely qualified to include a comprehensive evaluation of past implementation over the life of the ISWPP.

Part IA – Technical Proposal

Tab VII – Section 4 Co. Background & References

4. COMPANY BACKGROUND AND REFERENCES

4.1 VENDOR INFORMATION

4.1.1 Vendors must provide a company profile in the table format below.

Question	Response
Company name:	***Resource Concepts, Inc.***
Ownership (sole proprietor, partnership, etc.):	***Incorporated***
State of incorporation:	***Nevada***
Date of incorporation:	***1978***
# of years in business:	***38***
List of top officers:	***Bruce R. Scott, PE, Principal, President*** ***W. Marvin Tebeau, CEM, Principal*** ***Joseph E. Cacioppo, PE, Principal***
Location of company headquarters:	***Main Office*** ***340 N. Minnesota Street*** ***Carson City, NV 89703-4152***
Location(s) of the company offices:	***Zephyr Cove Office*** ***212 Elks Point Road, Ste. 443*** ***P.O. Box 11796*** ***Zephyr Cove, NV 89448***
Location(s) of the office that will provide the services described in this RFP:	***Main Office*** ***340 N. Minnesota St.*** ***Carson City, NV 89703-4152***
Number of employees locally with the expertise to support the requirements identified in this RFP:	***37***
Number of employees nationally with the expertise to support the requirements in this RFP:	***40***
Location(s) from which employees will be assigned for this project:	***Main Office*** ***340 N. Minnesota Street*** ***Carson City, NV 89703-4152***

4.1.2 **Please be advised**, pursuant to NRS 80.010, a corporation organized pursuant to the laws of another state must register with the State of Nevada, Secretary of State's Office as a foreign corporation before a contract can be executed between the State of Nevada and the awarded vendor, unless specifically exempted by NRS 80.015.

4.1.3 The selected vendor, prior to doing business in the State of Nevada, must be appropriately licensed by the State of Nevada, Secretary of State's Office pursuant to NRS76. Information regarding the Nevada Business License can be located at http://nvsos.gov.

Question	Response
Nevada Business License Number:	***NV 19781005208***
Legal Entity Name:	***Resource Concepts, Inc.***

Is "Legal Entity Name" the same name as vendor is doing business as?

Yes	***X***	No	

If "No", provide explanation.

4.1.4 Vendors are cautioned that some services may contain licensing requirement(s). Vendors shall be proactive in verification of these requirements prior to proposal submittal. Proposals that do not contain the requisite licensure may be deemed non-responsive.

4.1.5 Has the vendor ever been engaged under contract by any State of Nevada agency?

Yes	***X***	No	

If "Yes," complete the following table for each State agency for whom the work was performed. Table can be duplicated for each contract being identified.

Question	Response
Name of State agency:	***Nevada Division of Environmental Protection***
State agency contact name:	***Russ Land***
Dates when services were performed:	***1998-2003***
Type of duties performed:	***Statewide inventory of injection wells***
Total dollar value of the contract:	***$650,000***

Question	Response
Name of State agency:	***Nevada Department of Corrections***
State agency contact name:	***Tim Bryant / Justin Pope***
Dates when services were performed:	***2004-2016***
Type of duties performed:	***Reuse and CAFO Permit Assistance, Civil Engineering Design of Lined Stormwater Retention Basins***
Total dollar value of the contract:	***$20,000 max./year under contract (typical $2,500/per year for services)***

Question	Response
Name of State agency:	***Nevada Department of Transportation***
State agency contact name:	***Annette Ballew***
Dates when services were performed:	***2003-2012***
Type of duties performed:	***State-wide Civil Engineering design for Maintenance Station truck wash areas per UIC permit and select facility water system improvements such as backflow prevention upgrades.***
Total dollar value of the contract:	***$250,000 (total of 3 separate contracts)***

Question	Response
Name of State agency:	***Nevada Division of Environmental Protection***
State agency contact name:	***Kim Borgzinner***
Dates when services were performed:	***2012-2016***
Type of duties performed:	***Technical assistance for Integrated Source Water Protection Program***
Total dollar value of the contract:	***$1,080,000 under a 2-year contract with an option for a 2-year renewal***

Question	Response
Name of State agency:	***Northern Nevada Correction Center (State Public Works Board)***
State agency contact name:	***Markus McEntee***
Dates when services were performed:	***July 2014 to July 2015***
Type of duties performed:	***Phase 1 - Civil engineering design for pulverizing the existing pavement on parking lots and repaving the lots.***
Total dollar value of the contract:	***$10,500***

Question	Response
Name of State agency:	***Northern Nevada Correction Center (State Public Works Board)***
State agency contact name:	***Markus McEntee***
Dates when services were performed:	***Sept. 2015 to Present***
Type of duties performed:	***Phase 2 - Civil engineering design for parking lot pavement rehabilitation and ADA access improvements.***
Total dollar value of the contract:	***$23,750***

Question	Response
Name of State agency:	***Nevada Department of Wildlife (State Public Works Board)***
State agency contact name:	***Markus McEntee***
Dates when services were performed:	***April 2015 to Present***
Type of duties performed:	***Civil engineering design for parking lot pavement replacement and drainage improvement.***
Total dollar value of the contract:	***$33,500***

Question	Response
Name of State agency:	***Northern Nevada Veterans' Memorial Cemetery in Fernley (State Public Works Board)***
State agency contact name:	***Markus McEntee***
Dates when services were performed:	***January 2016 to present***
Type of duties performed:	***Civil engineering design for AC and PCC pavement replacement, plaza/pavilion improvements, and ADA access.***
Total dollar value of the contract:	***$25,000***

Question	Response
Name of State agency:	***Capital Grounds (State Public Works Board)***
State agency contact name:	***Michael Rife***
Dates when services were performed:	***March 2016 to present***
Type of duties performed:	***Civil engineering design ADA access ramp and walkway improvements.***
Total dollar value of the contract:	***$7,400***

Question	Response
Name of State agency:	***Nevada Division of Environmental Protection***
State agency contact name:	***Steve McGoff***
Dates when services were performed:	***2013 to present***
Type of duties performed:	***Stormwater Circuit Rider Program – Technical assistance to communities in rural Nevada focusing on Phase I industrial and construction site that discharges stormwater to Waters of the US.***
Total dollar value of the contract:	***$129,000 2013-2015*** ***$100,000 2015-2017***

4.1.6 Are you now or have you been within the last two (2) years an employee of the State of Nevada, or any of its agencies, departments, or divisions?

Yes		No	***X***

If "Yes," please explain when the employee is planning to render services, while on annual leave, compensatory time, or on their own time?

If you employ (a) any person who is a current employee of an agency of the State of Nevada, or (b) any person who has been an employee of an agency of the State of Nevada within the past two (2) years, and if such person will be performing or producing the services which you will be contracted to provide under this contract, you must disclose the identity of each such person in your response to this RFP, and specify the services that each person will be expected to perform.

4.1.7 Disclosure of any significant prior or ongoing contract failures, contract breaches, civil or criminal litigation in which the vendor has been alleged to be liable or held liable in a matter involving a contract with the State of Nevada or any other governmental entity. Any pending claim or litigation occurring within the past six (6) years which may adversely affect the vendor's ability to perform or fulfill its obligations if a contract is awarded as a result of this RFP must also be disclosed.

Does any of the above apply to your company?

Yes		No	***X***

If "Yes," please provide the following information. Table can be duplicated for each issue being identified.

Question	**Response**	
Date of alleged contract failure or breach:		
Parties involved:		
Description of the contract failure, contract breach, or litigation, including the products or services involved:		
Amount in controversy:		
Resolution or current status of the dispute:		
If the matter has resulted in a court case:	Court	Case Number
Status of the litigation:		

4.1.8 Vendors must review the insurance requirements specified in ***Attachment E, Insurance Schedule for RFP 3245.*** Does your organization currently have or will your organization be able to provide the insurance requirements as specified in ***Attachment E.***

Yes	***X***	No	

Any exceptions and/or assumptions to the insurance requirements ***must*** be identified on ***Attachment B, Technical Proposal Certification of Compliance with Terms and Conditions of RFP.*** Exceptions and/or assumptions will be taken into consideration as part of the evaluation process; however, vendors must be specific. If vendors do not specify any exceptions and/or assumptions at time of proposal submission, the State will not consider any additional exceptions and/or assumptions during negotiations.

Upon contract award, the successful vendor ***must*** provide the Certificate of Insurance identifying the coverages as specified in ***Attachment E, Insurance Schedule for RFP 3245.***

4.1.9 Company background/history and why vendor is qualified to provide the services described in this RFP. Limit response to no more than five (5) pages.

QUALIFICATION SUMMARY

Resource Concepts, Inc. (RCI) has operated since 1978 providing dependable and cost effective services in Nevada, California and other western states. We have passion for and are dedicated to our communities, the work we accomplish, and the beautiful Sierra Nevada and Great Basin region.

We are a unique multidisciplinary firm which helps us to "think outside of the box" and provide the best solutions for our client needs. Our engineer-scientist-planning team members excel at working collaboratively to produce results that exceed expectations and meet regulatory requirements.

Our company and staff longevity and extensive experience builds efficiency and accountability at all project phases. We have excellent working knowledge of local, state, and federal agencies and regulations, which enhances our ability to effectively address project issues.

Our range of capabilities is as diverse as our dedicated staff to successfully deliver all of the technical services that support the three NDEP ISWPP components. All RCI services are supported by state of the art GIS, AutoCAD & desktop publishing capabilities. Our services are summarized by the following bullets:

- ***Integrated Natural Resource Planning & Policy***
  - ***Source Water Protection Planning***
  - ***Public Outreach and Education***
  - ***Rangeland Management and Planning***
  - ***Biological Surveys and Plans***
  - ***Wildfire Fuels Management***
- ***Civil Engineering***
  - ***Storm Water***
  - ***Drinking Water***
  - ***Sanitary Sewer & Solid Waste***
  - ***Site Improvements***
  - ***Surveying***
  - ***Geologic & Geotechnical Services***
  - ***Construction Inspection & Materials Testing***
- ***Environmental Compliance***
  - ***Federal, State, & Local Permitting***
  - ***Water Pollution Control Education, Design and Permitting***
  - ***Waste Management Education, Design, and Permitting***
- ***Water Rights***

The professional and technical staff members enjoy their work and stay abreast of new federal and state regulations and other significant developments in their respective fields. By so doing, they increase their knowledge, evaluate new techniques and materials, and learn to implement cost-effective, state-of-the-art approaches. Close working relationships with local, state and federal agencies continue to augment RCI's ability to address issues in an expeditious manner.

FIVE TOP REASONS THAT RCI IS THE BEST QUALIFIED VENDOR

There are 5 reasons why RCI is the best qualified vendor to provide services for all three components of this contract:

1. ***RCI has a relationship of trust and respect with the NDEP. We have an excellent working relationship and proven track record with the NDEP and the ISWPP approach for Components A, B, and C which we mutually built:***
   - ***We meet or exceed expectations for Financial tracking and status reporting.***
   - ***We have successfully completed 4 counties in 4 years and are proposing to complete 5 more counties in the next 4 years.***

- ***We live and work in Nevada. Our main office and key staff are located in Carson City, readily accessible for meetings and collaboration with the NDEP and local government representatives.***

2. ***RCI has the direct experience and a proven, thorough understanding of the ISWPP approach including a strong desire to make the approach successful for Nevada's communities:***
    - ***Under Component A, we understand the opportunities and constraints of the ISWPP approach and can help the NDEP continue to make the program an outstanding example of community involvement from the planning stage through implementation, continuing the vision for source water protection statewide.***
    - ***Under Component B, we understand the expected format and level of content detail for each of the required plans. Over the past four years working with the NDEP we have developed a trusting and dependable relationship. We have the variety of engineers, scientists, and planners to help ignite the spark of enthusiastic involvement and innovation from our Local Planning Teams in the selected communities.***
    - ***Under Component C, RCI's engineers, scientists, planners and policy staff will work with the NDEP to provide the communities with what they need, as appropriate, under the program. It makes sense for RCI to provide this technical service under the same contract because we have the perfect team to complete:***
        - ***Well abandoning assistance***
        - ***Policy and code changes***
        - ***Infrastructure such as security and well improvement projects***
        - ***GIS and mapping program assistance***
        - ***Education in schools, for public officials, for businesses and residents***
        - ***Household hazardous waste program assistance***
        - ***Evaluate hazardous materials and other potential contaminant sources***
        - ***Watershed management for water quality protection***
        - ***Develop supplemental funding sources***

3. ***RCI has the Rural Nevada Relationships and Trust***
    - ***Under Components B and C, RCI has built trusted relationships over the past 35 years and will use our reputation of sincerity, skill, reliability and honesty with our existing friends and acquaintances in the rural counties to strategically open doors and garner the local support and enthusiasm needed to develop a meaningful local Community Source Water Protection Plan and subsequent implementation.***

4. ***RCI has a proven track record of successfully completing 4 counties in 4 years, on time, on budget, with numerous projects successfully implemented to protect source water from contamination.***

5. ***RCI has the complete experienced multi-disciplinary team to complete all components of the ISWPP project:***
    - ***Under Component A, RCI's engineers, scientists, planners and policy staff can brainstorm with the NDEP regarding prioritizing using a variety of different perspectives because we have them in house. Our technical and planning document writers understand completion of guidance documents for a variety of audiences. We enjoy education of all types - schools and officials - and have developed beautiful and eye-catching educational materials. We enjoy making presentations. We also enjoy the technical aspects of data analysis and program effectiveness reporting.***
    - ***Under Component B, we have found that the successful plans are really relationship-based. We have relied on the experience of our 40-person staff to strategically reach out to specific people in specific communities to develop our strategic approach in the Humboldt River watershed and Lincoln County. We all know that within the same community you have those that say "yes" and those that say "no". We value the right approach to the right people in order to get a project going. For instance, currently many communities are suffering from lack of funding and staff***

and feel overloaded. However, there are many different types of public water system and community staff that are appropriate to engage to get the planning process going. We have learned over the past 4 years the importance of doing homework to identify the best people and best approach for that particular community.

- ***Under Component B, we have the best team for modeling the capture zones. Russ Plume has the knowledge, enthusiasm, and relationships with other scientists to provide the best hydraulic parameters for each well. Russ's knowledge together with our team's ability to use the models provides efficient dependable mapping.***
- ***Under Component B, we have the best team for identifying potential contaminant sources (PCSs). Marvin Tebeau is a Certified Environmental Manager (CEM), Jill Sutherland and Kristin Roaldson are Environmental Engineers. All three are extremely familiar with the available databases and know what to look for in the field and the questions to ask to draw out information regarding those hidden PCSs.***
- ***Under Component B, we have the best team for engaging the Local Planning Team to develop a meaningful plan. We have Don Henderson who understands the ranching community; Lynn Zonge regarding watershed and hydrology; Kristin Roaldson for education and stormwater; Jill Sutherland for septic systems, wells, and water quality treatment systems. We can speak in terms that the Local Planning Team understands and we understand the Local Planning Team needs.***
- ***Under Component C, truly, the combination of our experience with water projects, well projects, potential contaminant source control, planning, outreach and education makes RCI the best choice for this component.***

RCI KEY PROJECT STAFF SUMMARY

Key Staff	*Project Assignment*	*Qualifications*
Marvin Tebeau, CEM	***Project Director / Hazardous Waste / Code Development***	▪ ***42 years with extensive regulatory experience in surface water, groundwater, hazardous waste and other potential contaminant sources throughout the State.*** ▪ ***Project Director for the 2012 to 2016 ISWPP project; provided strategic guidance in the Carson, Lyon, Churchill, and Humboldt County ISWPPs.*** ▪ ***Knows and understands rural Nevada communities. Has experience with what works and what has not in these counties.***
Jill Sutherland, P.E.	***Project Manager***	▪ ***25 years serving Nevada source water clients and potential contaminant sources in rural Nevada.*** ▪ ***Project Manager for the 2012 to 2016 ISWPP project.*** ▪ ***Extremely well organized; proven track record in managing successful large, complex projects.*** ▪ ***Effective communicator; pleasant and easy to work with.*** ▪ ***Experienced with the two-dimensional, groundwater / geohydrology modeling program, WhAEM2000.*** ▪ ***Broad educational and work experience in environmental water and land use related projects.***
Lynn Zonge, PG	***Hydrologist / Geologist / Public Outreach***	▪ ***23 years geologic, hydrologic and geomorphic experience in the Great Basin watershed recharge areas and basin-fill groundwater aquifers.*** ▪ ***Experienced public speaker and in education regarding source water protection.*** ▪ ***Key staff in the 2012 to 2016 ISWPP project.*** ▪ ***Experienced with the two-dimensional, groundwater / geohydrology modeling program, WhAEM2000.*** ▪ ***Assists with watershed resiliency planning for fire and source water protection***

Key Staff	Project Assignment	Qualifications
Russ Plume	Sr. Hydrologist / Project Geologist	▪ 36 years' experience in Nevada groundwater and watershed research and report preparation especially in the Humboldt River basin and Great Basin. ▪ Functional working relationships with scientists and researchers in the watershed source water and groundwater resource areas.
Rachel Kryder, P.E, W.R.S.	Civil Engineer	▪ 10 years' experience in rural Nevada public and private sector infrastructure, regulatory programs, and residential and commercial developments. ▪ Project manager for the ISWPP in Nye, White Pine, and Douglas Counties.
Kristin Roaldson, P.E.	Environmental Engineer / Public Outreach	▪ 15 years' experience in public outreach and education to municipal officials, students and permitted facilities on topics ranging from source water protection to stormwater permit compliance to BMP implementation.
Dawn Aragon	GIS Specialist	▪ 13 years' experience in GIS with Washoe County, Nevada Water Resources and Community Services.
Jeremy Drew, EI	Public Lands and Recreation	▪ 11 years' experience in representing county and community interests for public lands issues. ▪ Well versed in implications of the recent land restrictions due to sage grouse habitat to municipalities and source water protection.
Don Henderson, CRMC	Agriculture Outreach	▪ 30 years' experience in arid land and rangeland management on public lands, livestock grazing practices, and in the assessment and expansion of diversified agricultural operations; thorough understanding of agricultural practices, potential contaminant sources, and water quality issues.
Michelle Gamble, P.E.	Civil Engineer / Public Outreach	▪ 28 years' experience working with local Nevada governments leading public outreach efforts statewide and developing public policy. ▪ 15 years' experience with water system infrastructure. ▪ Knows and understands the entities that will make up the CSWPP Teams. ▪ Technical expertise coupled with background working with Nevada's local governments affords Ms. Gamble a unique and valuable perspective on project development and implementation.
Kathy Canfield	Senior Planner	▪ 25 years' experience planning with local Nevada, California, and Tribal governments to help protect water quality. ▪ Ms. Canfield has extensive experience with planning for public and private project development, regulatory review and long-range plans with city and counties, public utility districts and federal agencies. ▪ Ms. Canfield's experience also includes writing and critiquing environmental documents and presentations.
Jennifer Petersen	Public Outreach	▪ 18 years' experience in education in the Elko area; good communication skills with ranchers and land managers.
Steven Ponte	GIS Specialist	▪ 7 years' experience in design plan production, production/analysis, vegetation/soil surveys, land delineations, slope maps, watershed analysis, and data collection, processing, presentation, and CAD/GIS interoperability. ▪ Experienced in ArcMap v. 9.3, Catalog, Spatial Analyst, and Soil Data Viewer, GPS/mobile mapper data collection/processing, metadata writing.

RCI KEY PROJECT ASSOCIATE SUMMARY

Project Associate	Project Role
Nevada Outdoor School	Public Outreach and Education for students in Lander, Eureka, Elko, and Pershing Counties.
Fred Steinmann UNRCE	Technical assistance to identify funding mechanisms available for implementation of community source water protection measures.
RCAC	Technical assistance to septic system owners regarding maintenance.

There are also 5 reasons that RCI's approach is the best to ensure continued success of the ISWPP approach:

1. ***Keep the planning momentum going in the rural counties. Efficiency will be realized because rural communities talk with each other, know each other and it is important to capitalize on those relationships before staff change. The ISWPP program is in the local papers raising awareness of the program. In addition, we will be driving across I-80 and Hwy 50 and can stay in contact with our local planning teams in Humboldt County, Lyon County, and Churchill County, as we proceed with work in Pershing, Eureka, Lander, and Elko Counties.***
2. ***RCI knows and understands and works with rural communities. We are a trusted firm. Our desire is to complete what we have been successful at to date before the NDEP switches gears to the big cities. We have a long standing relationship with Lincoln County for water and planning assistance.***
3. ***Our RCI Team is perfectly suited and ready to capitalize on the data we have gathered. Our entire team has been gathering data, information, momentum, and relationships over the past year. This will provide a smooth efficient, economical transition to complete the 5 counties proposed by RCI.***
4. ***We have local partners eager to assist in our project approach (NOS, RCAC, UNR CE).***
5. ***The next 4 years in Nevada's rural counties will allow our RCI and NDEP team to potentially update the ISWPP guidance document to help the program to be as accurate and efficient as possible. For instance, full integration of GIS for modeling, PCS mapping, and ultimately managing SPWAs.***

4.1.10 Length of time vendor has been providing services described in this RFP to the public and/or private sector. Please provide a brief description.

Components A, B, and C: Planning, engineering, and public outreach and education has been a part of RCI's services for 38 years.

RCI has also had the pleasure of working with the NDEP on Components A, B, and C for the past four years. Our Team has successfully worked with four counties, encompassing roughly 90 public water systems including 164 wells and 6 surface drinking water sources. We have participated in dozens of education and outreach events to first responders, Rotary Clubs, County Commissioners, General Improvement District Boards, Pubic Water Purveyors, 2nd graders through 8th graders at schools, and several local and regional fairs, including fairs and school presentations.

In addition to the recent ISWPP contract, RCI prepared the Town of Minden and adjacent Town of Gardnerville Well Head Protection Plans in 2004. RCI also represented Minden on the Douglas County Community Well Head team for preparation of the County-wide Plan, which was finalized in 2012. RCI prepared the Water Plan for Lincoln County in 2001.

RCI has been providing planning, permitting, and engineering services to rural Nevada communities related to water for 38 years. Services include preparation and implementation of annual work plans and budgets for capital improvement projects and, operation and maintenance of water system, storm drainage and streets. We have provided municipal code to protect source water; developed household hazardous waste programs, well closures, public outreach and education; land assessments, and potential contaminant source discovery, evaluation, and mitigation.

4.1.11 Financial information and documentation to be included in Part III, Confidential Financial Information of vendor's response in accordance with Section 9.5, Part III – Confidential Financial Information.

4.1.11.1 Dun and Bradstreet Number
4.1.11.2 Federal Tax Identification Number

4.2 SUBCONTRACTOR INFORMATION

4.2.1 Does this proposal include the use of subcontractors?

Yes		No	***X***

If "Yes," vendor must:

4.2.1.1 Identify specific subcontractors and the specific requirements of this RFP for which each proposed subcontractor will perform services.

4.2.1.2 If any tasks are to be completed by subcontractor(s), vendors must:

A. Describe the relevant contractual arrangements;

B. Describe how the work of any subcontractor(s) will be supervised, channels of communication will be maintained and compliance with contract terms assured; and

C. Describe your previous experience with subcontractor(s).

4.2.1.3 Vendors must describe the methodology, processes and tools utilized for:

A. Selecting and qualifying appropriate subcontractors for the project/contract;

B. Ensuring subcontractor compliance with the overall performance objectives for the project;

C. Ensuring that subcontractor deliverables meet the quality objectives of the project/contract; and

D. Providing proof of payment to any subcontractor(s) used for this project/contract, if requested by the State. Proposal should include a plan by which, at the State's request, the State will be notified of such payments.

4.2.1.4 Provide the same information for any proposed subcontractors as requested in ***Section 4.1, Vendor Information***.

4.2.1.5 Business references as specified in ***Section 4.3, Business References*** must be provided for any proposed subcontractors.

4.2.1.6 Vendor shall not allow any subcontractor to commence work until all insurance required of the subcontractor is provided to the vendor.

4.2.1.7 Vendor must notify the using agency of the intended use of any subcontractors not identified within their original proposal and provide the information originally requested in the RFP in ***Section 4.2, Subcontractor Information***. The vendor must receive agency approval prior to subcontractor commencing work.

4.3 BUSINESS REFERENCES

4.3.1 Vendors should provide a minimum of three (3) business references from similar projects performed for private, state and/or large local government clients within the last two (2) to ten years.

4.3.2 Vendors must provide the following information for ***every*** business reference provided by the vendor and/or subcontractor:

The "Company Name" must be the name of the proposing vendor or the vendor's proposed subcontractor.

Reference #: 1			
Company Name:	***Resource Concepts, Inc.***		
Identify role company will have for this RFP project (Check appropriate role below):			
X	***VENDOR***		***SUBCONTRACTOR***
Project Name:	***Lincoln County Nuclear Oversight Program***		
Primary Contact Information			
Name:	***Connie Simkins, Coordinator***		
Street Address:	***1005 Main Street***		
City, State, Zip:	***Panaca, Nevada, 89042***		
Phone, including area code:	***(775) 962-8085***		
Facsimile, including area code:	***(775) 728-4198***		
Email address:	***connie@lcnop.com***		
Alternate Contact Information			
Name:	***NA***		
Street Address:	***NA***		
City, State, Zip:	***NA***		
Phone, including area code:	***NA***		
Facsimile, including area code:	***NA***		
Email address:	***NA***		
Project Information			
Brief description of the project/contract and description of services performed, including	***RCI originally completed work for the Lincoln Co. NOP in 2007 by developing a report entitled Proposed***		

technical environment (i.e., software applications, data communications, etc.) if applicable:	***DOE Caliente Rail Corridor, Lincoln County, Nevada: An Analysis of Impacts & Alternatives, with Recommended Mitigation.*** ***From 2009 to Present, RCI has completed on-call natural resource consulting and public land policy services. This work has been completed under an annual on-call contract.***
Original Project/Contract Start Date:	***June 4, 2007 and Annual On-call Contracts have run from July 1 – June 30 each year to present.***
Original Project/Contract End Date:	***December 31, 2007 and Annual On-call Contracts have run from July 1 – June 30 each year to present.***
Original Project/Contract Value:	***$131,725.00*** ***Annual on-call contract amounts have varied based on County budget and need.***
Final Project/Contract Date:	***$188,446.10*** ***Annual on-call contract amounts have varied based on County budget and need.***
Was project/contract completed in time originally allotted, and if not, why not?	***Yes, and additional work was requested by the client which was in turn completed in the additional time allotted.***
Was project/contract completed within or under the original budget/ cost proposal, and if not, why not?	***Yes, and additional work was requested by the client, resulting in the addition of two tasks for Engineering support and review of a large Environmental Impact Statement and development of technical comments on behalf of the client. These were in turn completed within the additional budget provided.*** ***On-call contracts have been completed per signed task-orders that vary in cost and timeline by task. RCI has worked in close coordination with the LCNOP to stay within time allotments and budgets while providing maximum flexibility to meet County needs.***

Reference #:2			
Company Name:	***Resource Concepts, Inc.***		
Identify role company will have for this RFP project (Check appropriate role below):			
X	***VENDOR***		***SUBCONTRACTOR***
Project Name:	Varies		
Primary Contact Information			
Name:	***Rit Palmer, Water Operations Sup.***		
Street Address:	***3505 Butti Way***		
City, State, Zip:	***Carson City, Nevada 89701***		
Phone, including area code:	***(775) 283-7393***		
Facsimile, including area code:	***(775) 887-2164***		
Email address:	***rpalmer@carson.org***		
Alternate Contact Information			
Name:	***NA***		
Street Address:	***NA***		
City, State, Zip:	***NA***		
Phone, including area code:	***NA***		
Facsimile, including area code:	***NA***		
Email address:	***NA***		
Project Information			
Brief description of the project/contract and description of services performed, including technical environment (i.e., software applications, data communications, etc.) if applicable:	***Maintain Carson City water rights. Developed operating criteria and prepared UIC applications received five permits for Aquifer Storage and Recovery Wells for injection of surface water in Carson, City.***		
Original Project/Contract Start Date:	***On call Water rights services began in 2006***		
Original Project/Contract End Date:	***On call Water Rights services renewed every year.***		
Original Project/Contract Value:	***$75,000.00***		
Final Project/Contract Date:	***Ongoing contract in 2016***		
Was project/contract completed in time originally allotted, and if not, why not?	***Yes***		
Was project/contract completed within or under the original budget/ cost proposal, and if not, why not?	***Yes***		

Reference #:3			
Company Name:	***Resource Concepts, Inc.***		
Identify role company will have for this RFP project (Check appropriate role below):			
X	***VENDOR***		***SUBCONTRACTOR***
Project Name:	Varies		
Primary Contact Information			
Name:	***Mark Gonzales, Manager***		
Street Address:	***1579 Virginia Ranch Road***		
City, State, Zip:	***Gardnerville, NV 89410-5210***		
Phone, including area code:	***(775) 782-2339***		
Facsimile, including area code:	***(775) 782-2491***		
Email address:	***markg@gardnervillewater.org***		
Alternate Contact Information			
Name:	***NA***		
Street Address:	***NA***		
City, State, Zip:	***NA***		
Phone, including area code:	***NA***		
Facsimile, including area code:	***NA***		
Email address:	***NA***		
Project Information			
Brief description of the project/contract and description of services performed, including technical environment (i.e., software applications, data communications, etc.) if applicable:	***RCI has been tasked with the design of a new booster pump station and new water transmission lines to connect the existing water tanks to the new booster pump station and to the existing distribution system. This work has been performed on an on-call basis and has included survey, a geotechnical investigation, design, and project coordination with other consultants.***		
Original Project/Contract Start Date:	***May 25, 2012***		
Original Project/Contract End Date:	***Ongoing***		
Original Project/Contract Value:	***On-call based on approved fee schedule***		
Final Project/Contract Date:	***$98,700 to date for survey, geotechnical investigation and project design/permitting***		
Was project/contract completed in time originally allotted, and if not, why not?	***Yes***		
Was project/contract completed within or under the original budget/ cost proposal, and if not, why not?	***Yes***		

Reference #:4			
Company Name:	***Resource Concepts, Inc.***		
Identify role company will have for this RFP project (Check appropriate role below):			
X	***VENDOR***		***SUBCONTRACTOR***
Project Name:	Varies		
Primary Contact Information			
Name:		***Frank Johnson, MGSD District Manager***	
Street Address:		***P.O. Box 568***	
City, State, Zip:		***Minden, Nevada 89423***	
Phone, including area code:		***(775) 782-3546***	
Facsimile, including area code:		***(775) 782-4915***	
Email address:		***frankjohnson@mgsdistrict.org***	
Alternate Contact Information			
Name:		***NA***	
Street Address:		***NA***	
City, State, Zip:		***NA***	
Phone, including area code:		***NA***	
Facsimile, including area code:		***NA***	
Email address:		***NA***	
Project Information			
Brief description of the project/contract and description of services performed, including technical environment (i.e., software applications, data communications, etc.) if applicable:		***Installation of a new sewer line, including manholes and service lateral tie-ins, and perform necessary work to abandon the existing system in place.***	
Original Project/Contract Start Date:		***2015***	
Original Project/Contract End Date:		***2016***	
Original Project/Contract Value:		***$31,500.00***	
Final Project/Contract Date:		***$31,500.00***	
Was project/contract completed in time originally allotted, and if not, why not?		***Yes***	
Was project/contract completed within or under the original budget/ cost proposal, and if not, why not?		***Yes***	

Reference #:5			
Company Name:	***Resource Concepts, Inc.***		
Identify role company will have for this RFP project (Check appropriate role below):			
X	***VENDOR***		***SUBCONTRACTOR***
Project Name:	Varies		
Primary Contact Information			
Name:	***Joe Maez***		
Street Address:	***901 South Stewart Street, Suite 4001***		
City, State, Zip:	***Carson City, NV 89701***		
Phone, including area code:	***775.687.9435***		
Facsimile, including area code:	***775.687.4684***		
Email address:	***jmaez@ndep.nv.gov***		
Alternate Contact Information			
Name:	***NA***		
Street Address:	***NA***		
City, State, Zip:	***NA***		
Phone, including area code:	***NA***		
Facsimile, including area code:	***NA***		
Email address:	***NA***		
Project Information			
Brief description of the project/contract and description of services performed, including technical environment (i.e., software applications, data communications, etc.) if applicable:	***Conducted training and site visits for education on the Industrial and Construction Stormwater General Permits as part of the grant for technical services provided by the Stormwater Circuit Rider Program.***		
Original Project/Contract Start Date:	***April 2013***		
Original Project/Contract End Date:	***June 2015***		
Original Project/Contract Value:	***No Charge granted funded (Program Contract value $129,000)***		
Final Project/Contract Date:	***June 2015***		
Was project/contract completed in time originally allotted, and if not, why not?	***Yes***		
Was project/contract completed within or under the original budget/ cost proposal, and if not, why not?	***Yes***		

Part IA – Technical Proposal

Tab VIII – Attachment G

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Marvin Tebeau, CEM***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Principal Environmental Specialist***		
# of Years in Classification:	***25***	**# of Years with Firm:**	***32***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Mr. Tebeau has over forty years of experience with federal and state environmental permitting and natural resource management. Mr. Tebeau serves as RCI's Principal Environmental Scientist and/or Project Manager for environmental and natural resource projects. Mr. Tebeau identifies and coordinates the integration of technical disciplines required to address complex project requirements and related regulatory demands. Mr. Tebeau's educational background, extensive project experience, and past employment with the US Environmental Protection Agency, the Nevada Division of Environmental Protection, and US Army Corps of Engineers provide him with the ability to recognize the complexity of project issues and the management and technical skills needed to resolve issues efficiently and effectively. As a result, Mr. Tebeau has successfully lead multidisciplinary teams to recognize and resolve complex regulatory issues, and obtain the necessary federal or state authorizations.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2012 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Nevada Dept. Of Environmental Protection, Bureau of Water Pollution Control, Lyon County – Carson City – Churchill County – Humboldt County
Position Title: Project Director
Project Details: Nevada Integrated Source Water Protection Program (ISWPP)
Since July 2012, Mr. Tebeau has worked closely with the RCI Team for implementing the ISWPP in coordination with BWPC staff. Mr. Tebeau has provided assistance in crafting Planning Code to include source water protection; developing household hazardous waste programs and strategic approaches and coordination with the municipalities.

Timeframe: 2010 to 2012
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Carson City Public Works, Carson City, Nevada
Position Title: Certified Environmental Manager
Project Details: Carson City Brownfield Assessment Program.

Mr. Tebeau was responsible for Community Outreach including preparation of general educational information, fact sheets, public workshops, public notices, and press releases and the development of a rational to evaluate and prioritize Brownfield sites for implementation of a Phase 1 ESA. Phase I ESA requires a records search to identify potential contaminant sources within varying radius of the project site. Site reconnaissance are also required to determine evidence of the release of presence of

hazardous substances and other recognized environmental concerns such as abandoned septic tanks and wells.

Timeframe: 2010 to 2012
Company Name & Location**:** Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Silver Knoll Mutual Water System, Washoe County, Nevada
Position Title: Project Manager
Project Details: Mr. Tebeau is the water quality specialist in the evaluation and management of the arsenic concentration in the public water system wells. The system's blended water quality exceeds the arsenic drinking water standard of 10 ppb. RCI assisted with a filtration system and well management in order to achieve the arsenic standard.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

University of Georgia, Athens, Georgia
B.S. Chemistry 1971

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Certified Environmental Manager, NV CEM # 1056 Renewed annually since 1995

OSHA 40 Hour Hazwoper Renewed annually

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Andrew Strain, Vice President of Planning and Government Affairs
Heavenly Mountain Resort
(775) 586-2313
(775) 586-7056 Fax
astrain@vailresorts.com

Allen Biaggi, Consultant, Retired from Nevada Dept. of Cons. and Natural Resources
(775) 782-5689
freelpeak@gmail.com

Joe Maez, PE
Nevada Division of Environmental Protection
Bureau of Water Pollution Control
(775) 687 9435
jmaez@ndep.gov

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Jill Sutherland, PE***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Project Manager / Senior Engineer***		
# of Years in Classification:	***25***	**# of Years with Firm:**	***25***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Ms. Sutherland graduated in Civil Engineering from Swarthmore College and worked in Engineering with the USDA Forest Service from 1985 through 1992 in Wyoming, Utah, Nevada, and Oregon. During that period she also obtained a Master's Degree from the Environmental/Civil Engineering Department at Oregon State University.

Ms. Sutherland has worked as an Engineer and Environmental Specialist in Nevada and California since starting with Resource Concepts, Inc. in 1991. She has professional expertise throughout the state in Water Pollution Control regulations and permitting. Her design experience focuses on wastewater and water systems, erosion control, and discharge treatment/containment.

She enjoys working with clients and regulators to develop practical and effective strategies for management and monitoring of ground and surface water discharges. Her particular interest lies in wastewater reuse (irrigation of golf courses, agriculture, landscaping, etc.) and source control to prevent contamination (erosion control, storm water management, and wellhead protection).

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2012 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Nevada Dept. Of Environmental Protection, Bureau of Water Pollution Control, Lyon County – Carson City – Churchill County – Humboldt County
Position Title: Project Manager and Senior Engineer
Project Details: Nevada Integrated Source Water Protection Program (ISWPP)

Since July 2012, Ms. Sutherland has been the Project Manager for implementing the ISWPP in coordination with BWPC staff. She is responsible for Team coordination, engineering oversight, and status/budget reports with invoicing at six week intervals.

RCI has provided environmental and engineering services under a professional services contract to develop county-wide Community Source Water Protection Plans and assist is local agencies with Plan implementation. RCI was responsible for:

- Forming planning Teams representing Cities, Counties, Public Water Systems, and other stakeholders.
- Compiling public water system information in databases such as well and aquifer characteristics.
- Developing time of travel capture zones for well heads for potential contaminant sources,

- Encouraging the Team members to identifying management strategies for protecting drinking water.
- Preparing the county-wide plans for review and adoption by the stakeholders.
- Assisting with education, outreach, and other action items identified in the Plans.

She has been accomplishing plan development and implementation projects for communities and water systems in Lyon, Carson City, Churchill, Humboldt, Nye, and Mineral Counties.

Timeframe: 2013 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Nevada Dept. Of Environmental Protection, Bureau of Water Pollution Control, State Wide Contract
Position Title: Project Manager and Staff Engineer
Project Details: Nevada Stormwater Circuit Rider Program

The Circuit Rider program for storm water was initiated by the NDEP Bureau of Water Pollution Control (BWPC) technical assistance to rural Nevada in 2013. Ms. Sutherland enjoyed working with BWPC and Stormwater permittees to develop this new outreach program on a State-wide basis. She has been the Project Manager for the contract and provided technical oversight.

RCI contacted and held meetings with permittees and rural community leaders to open the dialog about Storm water issues and compliance. Based on their responses, we then developed an outreach implementation plan to target specific audiences: potential permit holders, community leaders, and educators/students.

Coordinating with BWPC, we focused efforts on general outreach to permittees with phone calls, mailings, and web based resources, culminating in a series of workshops in northern Nevada focused around renewal of the General Permit for construction activities and the General Permit for industrial activities. RCI also provided continuing support for the regional Storm water team formed by Small MS-4s in the Carson River watershed.

As the program evolved Ms. Sutherland prepared status reports, budget forecasts and proactive six-month work plans. The program has gained traction with the regulated community and become a valuable source of technical support for permittees. The focus changed, from promoting the outreach program, to providing detailed workshops on the permitting process and on-site storm water inspections. Ms. Sutherland is proud to have helped carry the program from “who are you?” to “please come to our site and train us!”

Timeframe: 1997 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Nevada Dept. Of Corrections, Prison Ranch/Dairy, Carson City, NV
Position Title: Project Manager and Design Engineer
Project Details: Concentrated Animal Feeding Operation Permitting and BMP Design

Since 1997, Ms. Sutherland has worked directly with the Nevada Department of Corrections to provide professional environmental and engineering services under contract for up to $20,000 per year. Services have averaged approximately $12,000 per year.

The Nevada Department of Corrections operates a 500-acre ranch, small dairy, and 1200-head wild horse holding facility in Carson City, Nevada.

Ms. Sutherland has assisted with permits for irrigating with 100% treated Carson City effluent (1997 to present) and for the wild horse holding facility Concentrated Animal Feeding Operation (2001 to present).

She has prepared and updated effluent management plans, groundwater evaluations, monitoring protocols, and manure management BMPs for operations over the past 18 years. Field by field hydraulic and nitrogen loading reports for crops irrigated with effluent were developed by Ms. Sutherland. She also prepared designed and completed HDPE lined retention basin to capture the 25 year 24-hour design storm (2003 - 2004) from the 30+ acre facility.

Timeframe: 2005 to 2014
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada

Client Name & Location: Carson City Parks and Recreation Dept., Carson City, NV
Position Title: Project Manager and Design Engineer
Project Details: Effluent Reuse Management Plans and Permit Assistance

Ms. Sutherland worked with Carson City between 2005 and 2014 providing technical support for irrigation with 100% treated wastewater at 3 parks/sports complexes, the Cemetery, and meridian landscaping.

In 2005, she prepared the Comprehensive Effluent Management Plan in coordination with Bureau of Water Pollution Control recommendations, incorporating 5 existing reuse sites and 2 proposed new sites.

RCI worked with Parks and Recreations staff to:

- Identify new monitoring well locations,
- Develop BMPs to control runoff/infiltration,
- Notify the public, and
- Calculate hydraulic and nitrogen loading.

RCI continued to maintain the groundwater database, prepare annual data summary reports, and assist in compliance issues through 2014 when irrigation with treated effluent was discontinued at these sites and the permit was closed.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

Swarthmore College, Philadelphia, Pennsylvania
Bachelor of Science, Civil Engineering, June 1985

Oregon State University, Corvallis, Oregon
Master of Science, Environmental/Civil Engineering, May 1991

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Nevada Board of Engineers and Land Surveyors, Reno, Nevada.
Licensed Professional Civil Engineer, 1992

Wyoming Board of Registration for Professional Engineers and Professional Land Surveyors
Licensed Professional Civil Engineer, 1998

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Kim Borgzinner, Wellhead/Groundwater Protection Coordinator
Bureau of Water Pollution Control
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701–5249
Phone (775) 687-9503
Fax (775) 687-4684
kborgzinner@ndep.nv.gov

Steve McGoff, Engineer
Bureau of Water Pollution Control
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701–5249
Phone (775) 687-9429
Fax (775) 687-4684
smcgoff@ndep.nv.gov

Justin Pope, Ranch Manager
Nevada Department of Corrections
P.O. Box 7000
Carson City, Nevada 89701
Phone (775) 888-8515
Fax (775) 684-5488
tbryant@doc.nv.gov

Scott Fahrenbruch, Director of Operations
3303 Butti Way, Building #9
Carson City, Nevada 89701
Phone (775) 283-7340
Fax (775) 887-2145
sfahrenbruch@ci.carson-city.nv.us

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Lynn Zonge, P.G.***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Senior Resource Specialist, Hydrologist***		
# of Years in Classification:	***23***	**# of Years with Firm:**	***17***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Ms. Zonge draws from more than twenty years of experience in geomorphology, hydrology and geology of the Sierra Nevada and Great Basin regions, technical writing and community outreach. Ms. Zonge enjoys interdisciplinary collaboration to deliver meaningful plans and projects for our local communities.

During the past four years, Ms. Zonge has focused on preparation and implementation of Community Source Water Protection plans for Carson City, Lyon County, Churchill County and Humboldt County. Through her support of this program, she has built a keen understanding of rural Nevada needs and issues, as well as how the ISWPP may assist in protecting source water quality.

Ms. Zonge is a successful grant writer and grant manager. She has assisted in obtaining and working on projects under 319 grants, Nevada Parks and Recreation grants, Q1 grants, and USDA Rural Development grants. Ms. Zonge is certified by the Soil and Water Conservation Society as a Professional Soil Erosion and Sediment Control Specialist, and by the State of California as a Professional Geologist.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2012 to Present
Company Name & Location: Resource Concepts, Inc. Carson City, Nevada
Client Name & Location: Nevada Dept. Of Environmental Protection, Bureau of Water Pollution Control, Lyon County – Carson City- Churchill County – Humboldt County
Position Title: Hydrologist
Project Details: Nevada Integrated Source Water Protection Program (ISWPP)

Since July 2012, Ms. Zonge has assisted the RCI team in implementing the ISWPP in coordination with BWPC staff. She primarily provides Team coordination, outreach and brainstorming, filed assessments including potential contaminant sources, hydrology review, research and information gathering, writing the plan sections and plan implementation. She is one of the lead technical writers of the plan.

The RCI team was responsible for:

- Forming planning Teams representing Cities, Counties, Public Water Systems, and other stakeholders;
- Compiling public water system information in databases such as well and aquifer characteristics;
- Developing time of travel capture zones for well heads for potential contaminant sources;

- Encouraging and brainstorming with the Team members to identify management strategies for protecting drinking water;
- Preparing the county-wide plans for review and adoption by the stakeholders.
- Assisting with education, outreach, and other action items identified in the Plans.

We have been worked on plan development and implementation with the communities in Lyon County, Carson City, Churchill County, Humboldt County, Nye County, and Mineral County.

Timeframe: 2011 to 2014
Company Name & Location: Resource Concepts, Inc., Carson City, Nevada
Client Name & Location: The Optica Group, Statewide
Position Title: Project Manager
Project Details: Nevada Hospital Association Nevada Broadband Telemedicine Initiative

Ms. Zonge was the project manager for all of the environmental permitting and compliance documents required for over 1000 miles of new fiber optic cable and appurtenances across the State of Nevada, from Las Vegas to Reno and Carson City to Ely. This project was funded by the American Recovery and Reinvestment Act and therefore had an extremely compressed timeframe.

This project was particularly challenging because the project was being designed as the EA was being written. The project was successful because RCI was very proactive in coordination with the engineers and permitting agencies. The National Telecommunications & Information Administration (NTIA) was the lead federal agency and the USFS and BLM were cooperating agencies. The project included the following tasks:

- Biological Evaluation / Biological Assessment, Endangered Species Act Compliance
- Cultural Resources Section 106 compliance
- Plan of Developments and obtained ROW Grants from USFS, BLM, DoD and BOR
- An EA and FONSI from the NTIA, USFS, BLM, DoD, BOR within 12 months
- Coordination with the Walker River Paiute Tribe and the Timbisha Tribe to obtain ROW authorization across tribal lands

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Timeframe: 2013 to 2015
Company Name & Location: Resource Concepts, Inc., Carson City, Nevada
Client Name & Location: Carson Water Subconservancy District
Position Title: Project Manager
Project Details: Low Impact Development

RCI assisted the Carson Water Subconservancy District in developing the Low Impact Development in the Carson River Watershed document. RCI researched appropriate LID practices for the Carson River watershed, its promotion, policies, and implementation strategies and prepared a colorful, succinct document for the public, specifically municipal managers and planners.

The process of developing this document included:

- Gathering existing information on LID practices and its promotion and use within the Carson River watershed;
- Reviewing LID practices, policies, and implementation strategies in other local areas (examples Reno, Sparks, Tahoe) that will benefit the Carson River Watershed; and
- Working with members of the Carson River Coalition (CRC) to create consistent strategies and policies that promote the use of green infrastructure/LID throughout the more urbanized areas in the watershed.

Research for this document included identifying possible road blocks to implement LID in the various counties; the creation and/or modification of existing promotional materials, guidelines, public service announcements on LID; the potential for training workshops with local staff, local builders, developers, landscapers, and the general public to promote the benefits of LID and how to implement LID practices; and ultimately, identifying recommended actions Counties and communities in the Carson River Watershed can take to implement LID practices.

Since the project completion, Ms. Zonge has continued to work with Ms. Brenda Hunt, Carson Water Subconservancy District, and Ms. Lynell Garfield, City of Reno, in several presentations to promote LID in the region. Presentations include the American Planning Association (APA) (2015), the Nevada Water Resources Association (2015) and the Nevada Water Environment Association (2016).

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

University of Arizona, Tucson, Arizona
Bachelor of Science, Geology, June 1987

University of Nevada, Reno, Nevada
Master of Science, Hydrology, December 1993

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Certified Professional in Erosion & Sediment Control (CPESC) #3844; Since 2007

Professional Geologist (PG) CA #8924; Since 2012

California Rapid Assessment Method (CRAM) Practitioner; Since 2012

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Ann Bollinger
Open Space Administrator
Carson City Parks, Recreation and Open Space Department
Phone (775) 283-7337
ABollinger@carson.org

Michael K. Johnson
Planning Director
Churchill County Planning Dept.
Phone (775) 423-7627
planning-director@churchillcounty.org

Brenda Hunt
Carson River Watershed Program Manager
Carson Water Subconservancy District
Phone 775.887.9005
Fax 775.887.7457
brenda@cwsd.org

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Russell W Plume***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Hydrologist with USGS (retired)***		
# of Years in Classification:	***36***	**# of Years with Firm:**	***1***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Mr. Plume has worked in groundwater hydrology in Nevada since 1979. He was the Project Chief and Hydrogeologist for over 36 years investigating groundwater in the Humboldt River Basin. His projects involved collection, management and interpretation of hydrologic and geochemical data. Prior to that time, he developed the hydrogeologic framework of the Great Basin using previously published geologic studies and interpretations of aeromagnetic data and oil exploration well logs including interpretation of drill-stem tests. Mr. Plume was also responsible for developing a description of the hydrogeologic framework of the Las Vegas valley using interpretations of well drillers' logs and gravity data.

Pertinent Papers by Russ Plume

Plume, R.W., 1989, Ground-water conditions in Las Vegas Valley, Clark County, Nevada—Part 1 Hydrogeologic framework: U.S. Geological Survey Water-Supply Paper 2320-A, 15 p.

Plume, R.W., 1996, Hydrogeologic framework of the Great Basin Region of Nevada, Utah, and adjacent states: U.S. Geological Survey Professional Paper 1409-B, 64p.

Plume, R. W., 1995, Water resources and potential effects of ground-water development in Maggie, Marys, and Susie Creek Basins, Elko and Eureka Counties, Nevada: U.S. Geological Survey Water-Resources Investigations Report 94-4222, 87 p.

Maurer, D.K., Plume, R.W., Thomas, J.M., and Johnson, A.K., 1996, Water resources and effects of changes in ground-water use along the Carlin Trend, north-central Nevada: U.S. Geological Survey Water-Resources Investigations Report 96-4134, 146 p.

Plume, R.W. and Ponce, D.A., 1998, Hydrogeologic framework and ground-water levels, 1982 and 1996, middle Humboldt River basin, north-central Nevada: U.S. Geological Survey Water-Resources Investigations Report 98-4209, 2 map sheets.

Plume, R.W., 2005, Changes in ground-water levels in the Carlin Trend area, north-central Nevada, 1989-2003: U.S. Geological Survey Scientific Investigations Report 2005-5075, 14 p.

Plume, R.W., 2009, Hydrogeologic framework and occurrence and movement of ground water in the upper Humboldt River basin, northeastern Nevada: U.S Geological Survey Scientific Investigations Report 2009-5014, 22p.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 1988-2008
Company Name & Location: USGS, Carson City, Nevada
Client Name & Location: Nevada Division of Water Resources
Position Title: Project Chief and Hydrogeologist, Maggie Creek Project 1988-1992, Carlin Trend Project 1990-1996, Water Resources of the Middle Humboldt River Basin 1996-2008, and Water Resources of the Upper Humboldt River Basin 2008-2011.
Project Details: The four projects were related to the hydrologic effects, resulting from groundwater pumping for consumptive use and mine dewatering, of large gold mining operations on streamflow and groundwater resources of the middle and upper Humboldt River Basins. Each project involved collection, management and interpretation of hydrologic and geochemical data.

Timeframe: 1982-1990
Company Name & Location: USGS, Carson City, NV
Client Name & Location: USGS Hq, Reston, VA
Position Title: Great Basin RASA, Project Hydrogeologist
Project Details: Develop hydrogeologic framework of the Great Basin using previously published geologic studies and interpretations of aeromagnetic data and oil exploration well logs including interpretation of drill-stem tests.

Timeframe: 1979-1981
Company Name & Location: USGS, Carson City, NV
Client Name & Location: Clark County, NV
Position Title: Project Hydrogeologist
Project Details: Goal was to develop a 3-D model of groundwater flow in Las Vegas Valley. Mr. Plume was responsible for developing a description of the hydrogeologic framework of the valley using interpretations of well drillers' logs and gravity data.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

California State University, Fresno
B.S. in Geology, August 1969

University of California, Davis
1971-1973, graduate studies in geology, no degree

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Not applicable

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Doug Maurer, Hydrologist
USGS (retired)
1919 Carriage Crest Drive
Carson City, NV 89706
775-883-5127

Dave Berger, Director
USGS, Nevada Water Science Center
2730 N. Deer Run Road
Carson City, NV 89701
775-887-7685
dlberger@usgs.gov

Jim Thomas, Executive Director, Div. Hydrologic Sciences
Desert Research Institute
2215 Raggio Parkway
Reno, NV 89512
775-673-7305
Jim.Thomas@dri.edu

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Rachel Kryder, PE, WRS***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Project Engineer***		
# of Years in Classification:	***10***	**# of Years with Firm:**	***1***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Ms. Kryder is a licensed Professional Engineer (civil) and Water Rights Surveyor in the state of Nevada, with experience in both the public and private sector. Much of Ms. Kryder's experience centers around water resources: source water protection, water system design and permitting, and water rights applications and permitting.

Ms. Kryder's time spent living in and working for rural communities gives her experience with the unique challenges and opportunities related to resources in rural Nevada.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2015 to present
Company name & location: Resource Concepts, Inc., Carson City, Nevada
Client name & location: Nevada Division of Environmental Protection, Bureau of Water Pollution Control, Churchill County, Humboldt County
Position title: Project Engineer
Project details: Nevada Integrated Source Water Protection Program (ISWPP)
Since joining Resource Concepts in September 2015, Ms. Kryder has supported senior project managers focusing on implementation projects within counties with existing Source Water Protection Plans and in data analysis for future program planning. Activities have included:

- Development of a questionnaire to assess interest in unused well abandonment in Churchill County.
- Coordination and information gathering with and for parties interested in well abandonment.
- Review of all existing State-endorsed Wellhead Protection Plans with attention to Work Plan, Action Plan, and implementation activities.
- Statistical analysis of population and water system coverage for all existing State-endorsed Wellhead Protection Plans by county.
- Development of outreach questionnaire to promote and solicit applications for implementation projects by public water systems.
- Development of criteria to consider when assessing and prioritizing new implementation project applications.

Timeframe: 2012 to 2013
Company name & location: BEC Environmental, Inc., Pahrump, Nevada

Client name & location: Rural Desert Southwest Brownfields Coalition (administered by Nye County), Esmeralda, Lincoln, Mineral, Nye, and White Pine Counties, Nevada, and Inyo County, California (note: Mineral County, Nevada, became part of the coalition after the period included here)
Position title: Engineer
Project details: EPA-funded cooperative brownfields program including four counties in Nevada and one county in California.
Ms. Kryder assisted in site identification and development of Phase I Environmental Site Assessments for various properties in Nye County. Activities included:

- Initial identification and assessment of properties to be included in the program.
- Desktop data review of available property information.
- Field assessment of included properties.
- Preparation of Phase I Environmental Site Assessment Reports, under the supervision of a Nevada Certified Environmental Manager.

Timeframe: 2010 to 2012
Company name & location: BEC Environmental, Inc., Pahrump, Nevada
Client name & location: Nevada Division of Environmental Protection, Bureau of Water Pollution Control, Douglas County, White Pine County, Nye County
Position title: Project Manager
Project details: Nevada Integrated Source Water Protection Program
Ms. Kryder supported project managers in technical analysis and local coordination of the Nye County Source Water Protection Team before taking over as project manager and successfully seeing Community Source Water Protection Plans for three Nevada counties endorsed by the State. Activities included:

- Project management for the ISWPP, including close coordination with NDEP Wellhead/Groundwater Protection Coordinator, budget development and tracking, and deliverable development and quality control.
- Concurrent development of Community Source Water Protection Plans in Douglas, White Pine, and Nye Counties.
- Coordination with various local stakeholders for Plan development and acceptance by numerous advisory and governing boards.
- Performance of data gap analysis for public water systems in Nye County, including resolution of conflicting data sources.
- Workshop planning, coordination, and facilitation.
- Development of revised 2010 Integrated Source Water Protection Program guidance document.

Timeframe: 2011-2012
Company name & location: BEC Environmental, Inc., Pahrump, Nevada
Client name & location: Nye County, Pahrump, Nevada
Position title: Engineer
Project details: Landfill Oversight
Ms. Kryder developed an oversight and inspection program for Nye County Public Works, to be used by County staff to ensure all environmental regulations were being adhered to by the third-party operator, and that all conditions were in compliance at the Pahrump landfill. Activities included:

- Review of local, state, and federal regulations relevant to landfill operations.
- Development of quarterly and annual record keeping and on-site inspection checklists based on regulations, to be used by County personnel.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

Montana Tech of the University of Montana, Butte, MT
B.S. Geophysical Engineering
Completed 2002

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Nevada State Board of Professional Engineers and Land Surveyors
Professional Engineer (civil), License #21313
Received June 2011

Nevada Division of Water Resources
Water Rights Surveyor, Certificate #1289
Received December 2013

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Kim Borgzinner, Wellhead/Groundwater Protection Coordinator
Bureau of Water Pollution Control
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701–5249
Phone: (775) 687-9503
Fax: (775) 687-4684
kborgzinner@ndep.nv.gov

Darrell Lacy, Planning Director
Nye County
250 N. Highway 160, Suite 2
Pahrump, NV 89060
Phone: (775)751-4249
Fax: (775)751-4324
llacy@co.nye.nv.us

B. Eileen Christensen, Principal
BEC Environmental, Inc.
7660 W. Sahara Ave., Suite 150
Las Vegas, NV 89117
Phone: (702)304-9830
Fax: (702)304-9839
eileen@becnv.com

PROPOSED STAFF RESUME FOR RFP 3197

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Kristin Roaldson, PE***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Environmental Engineer***		
# of Years in Classification:	***1 years***	**# of Years with Firm:**	***15***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Ms. Roaldson has been with RCI since 200, beginning as an intern. Upon her college graduation, she became a professional member of the RCI team. During her studies at the University of Nevada, Reno, she was the manager of a hydrology research lab in the College of Agriculture, Biotechnology and Natural Resources. In this role, she conducted field and lab work associated with research projects in the Lake Tahoe Basin and Truckee Meadows focused on hydrological modeling, biogeochemical cycling, and aquatic ecology.

At RCI, Ms. Roaldson has contributed to a variety of interdisciplinary engineering, environmental, and natural resources projects located in the Lake Tahoe Basin and throughout Nevada and California. She has extensive experience accomplishing field work independently and as a member of multidisciplinary teams. Her field experience includes collecting surface water, ground water, and soil samples, conducting watershed, stream condition and aquatic assessments, assisting Certified Environmental Managers with Environmental Site Assessments, inspecting and managing construction sites, and evaluating Best Management Practices (BMPs) at industrial and construction sites.

Additionally, Ms. Roaldson has experience providing outreach and education to municipal officials, students and permitted facilities on topics ranging from source water protection to stormwater permit compliance to BMP implementation. She also is skilled coordinating with agencies and regulatory entities. Her diverse background has enabled her to develop a comprehensive approach to projects while maintaining a focus on applicable regulations, specifications, and ordinances. Ms. Roaldson is a licensed Professional Environmental Engineer in Nevada and a Certified Professional in Erosion and Sediment Control (CPESC).

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 06-2013 to 06-2015
Company Name & Location: Resource Concepts, Inc. Carson City, Nevada
Position Title: Lead Outreach Coordinator, Site Inspector
Project Details: NDEP Bureau of Water Pollution Control; State of Nevada Stormwater Circuit Rider Program

Ms. Roaldson was a primary member of the RCI team who implemented the 2013-2015 Stormwater Circuit Rider Program. She assisted with development of the education and outreach plan, and she was responsible for initial outreach to permit holders and contacted hundreds of individuals via phone, email and mail in all Nevada counties and conducted community evaluations in rural Nevada. Ms. Roaldson developed the training workshop materials, including PowerPoint presentations and handout packets for both the construction and industrial permits. She presented workshops throughout Nevada and she coordinated with BWPC staff regarding site inspections, prioritization for outreach campaigns, and training materials. She also conducted site visits for several industrial, construction and MS4 permit holders. The Stormwater Circuit Rider contract was successfully renewed for two more years.

Timeframe: 2007 to present
Company Name & Location: Resource Concepts, Inc. Carson City, Nevada
Position Title: Lead BMP Inspector
Project Details: Heavenly Mountain Resort; Stateline, NV BMP Effectiveness Monitoring

Ms. Roaldson has been performing BMP inspections at Heavenly Mountain Resort since 2007 and has been the primary inspector since 2009. Her duties include conducting site inspections in the field, meeting with Heavenly personnel to assess and address problem areas, completing evaluation forms and reporting to regulatory agencies.

Inspections are conducted at over 50 facilities sites, as well as 10,000 acres of land managed by the Resort. Ms. Roaldson prepares quarterly and annual reports evaluating BMP implementation and effectiveness based on a visual inspection protocol, for compliance with TRPA, USDA Forest Service, and Lahontan RWQCB permits.

Timeframe: July 2010 to June 2011
Company Name & Location: Resource Concepts, Inc. Carson City, Nevada
Position Title: Town of Minden Lead Construction Inspector
Project Details: Water Tank and Waterline Installation Inspection

Ms. Roaldson provided project oversight as the resident full-time site engineer and inspector during construction of a 2.5-million-gallon concrete water tank and approximately 4.5 miles of ductile iron and PVC waterline and appurtenances. She gained firsthand field experience with construction management for public utilities. Responsibilities included daily coordination with the contractors, Town of Minden representatives, the design engineer, and the materials supplier, daily inspection reports, pay request reviews, creation of project documentation binders, and record drawings.

Timeframe: 2007 to present
Company Name & Location: Resource Concepts, Inc. Carson City, Nevada
Position Title: Project Manager and Engineer
Project Details: BWPC Permit Assistance & Reporting

Ms. Roaldson has assisted numerous local properties with compliance for Reclaimed Water Reuse Groundwater Discharge Permits issued by the BWPC for numerous local properties for seven years. Her responsibilities include permit applications and renewal applications, quarterly reporting, annual reporting including nutrient balances, data analysis and plots, and coordination with BWPC. She also successfully assisted four permittees in developing NetDMR accounts, the BWPC's electronic DMR submittal system. Clients include golf courses: Silver Oak Golf Course, Eagle Valley Golf Course, Clear Creek Tahoe Golf Course, and Sunridge Golf Course, and ranch land: Bently Ranch, Galeppi Land and Livestock, Park Ranch, Northern Nevada Correctional Center Prison Farm and Dairy and the Minden-Gardnerville Sanitation District.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

University of Nevada, Reno
Reno, Nevada
Bachelor of Science, Environmental Engineering, 2006

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Professional Environmental Engineer in Nevada
License Number 23225, December 30, 2014

Certified Professional Erosion and Sediment Control (CPESC)

Certification Number 8384, January 31, 2016

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Steve McGoff, P.E.
Bureau of Water Pollution Control
Nevada Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701–5249
Phone (775) 687-9429
Fax (775) 687-4684
smcgoff@ndep.nv.gov

Frank Papandrea
Environmental Manager
Heavenly Mountain Resort
PO Box 2180
Stateline, NV 89449
(775) 586-2315
fpapandrea@vailresorts.com

Matt McKinney
General Manager
Bently Ranch
P.O. Box 127
Minden, NV 89423
(775) 782-4513
matt@bentlyranch.com

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Dawn Aragon***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***GIS Specialist***		
# of Years in Classification:	***14***	**# of Years with Firm:**	***1***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Ms. Aragon has extensive GIS experience through her 13+ years working for Washoe County, Nevada's Water Resources and Community Services Department; Utility, Parks, Roads, Building & Safety, and Capitol Projects Divisions. She is proficient in ArcGIS, Microsoft Office Suite, and various GPS systems.

Ms. Aragon's experience includes water rights research and filings for both underground and surface water right sources in the State of Nevada, working closely with the engineers at the Nevada Division of Water Resources. She is involved in preparation and filing of water right original appropriations, applications to change, application mapping, reports of conveyance, abstracts of title, extension applications, and general water right permit maintenance.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 9/12/2005 – present
Company Name: Washoe County, Community Services Dept. Reno, NV
Position Title: GIS Specialist/Geomatics Technician
Project Details:

- Maintain Geographic Information System geodatabase
- Collect, verify, enter and digitize data from a variety of sources
- Interpret and identify characteristics of maps and aerial photography
- Execute appropriate sequencing of tasks to complete assignments including building topology, checking labels and creating final plots
- Design and prepare various cartographic materials
- Collect, process and import GPS data
- Experienced in the use of GIS equipment including digitizers, plotters and graphics terminals
- Street addressing for Washoe County

Timeframe: 9/20/2004 – 9/9/2005
Company Name: Independent Contractor
Project Details: Contracted as a GIS Specialist to work at Washoe County, Department of Water Resources

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Timeframe: 3/25/2002 – 9/18/2004
Company Name: Washoe County, Department of Water Resources
Position Title: Public Service Intern
Project Details: Internship as a GIS Specialist

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

University of Nevada, Reno
B.S. Geography 1999

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Not applicable

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Stephanie Tadder
Branch Manager
Kelly Services
(775) 826-1611
TADDEST@kellyservices.com

Brent Thomas
Technology Systems Developer II/GIS
Washoe County, Community Services Dept, Central Truckee Meadows Remediation District
(775)954-4633
bthomas@washoecounty.us

John Flansberg
Director of Public Works
City of Reno, Nevada
(775) 291-6171
flansbergj@reno.gov

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Jeremy Drew***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Senior Resource Specialist***		
# of Years in Classification:	***11***	**# of Years with Firm:**	***11***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Since joining RCI in 2005, Mr. Drew has drawn on his unique combination of technical background, field experience, and communication skills to complete a variety of challenging natural resource projects. Prior to joining RCI he was a seasonal employee and volunteer with the Nevada Division of Wildlife working throughout Nevada, and a summer intern with the Congressional Sportsmen's Foundation in Washington DC.

Mr. Drew's unique combination of education and experience has afforded him the skills to effectively communicate and articulate from both technical and policy standpoints. He has served as Project Manager for some of RCI's largest natural resource clients, including leadership roles in multi-disciplinary and collaborative Project Teams.

In addition to his professional role with RCI, Mr. Drew has also been active with several non-profit organizations dealing with natural resource and wildlife policy and programs. Mr. Drew currently sits as a Governor appointed member of the Nevada Board of Wildlife Commissioners.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2010 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Eastern Nevada Landscape Coalition, Ely, Nevada
Position Title: Project Manager
Project Details: Nevada Pinyon-Juniper Partnership

In the capacity of Project Manager, Mr. Drew coordinates the day-to-day activities of the Partnership. Members consist of Federal, State and Local Government, Non-government organizations and interest groups, public land managers, researchers, industry representatives and economic development professionals. The goal of the Partnership is to encourage the science-based rehabilitation and restoration of pinyon-juniper woodlands on a landscape level using sound management practices. The Partnership is unique in that it explores various means by which utilization of pinyon-juniper biomass, generated from rehabilitation projects, could be utilized in an economical and environmentally sound manner that ultimately expands treatment acres while generating rural economic development.

Timeframe: 2007 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Lincoln County Nuclear Oversight Program

Position Title: Project Manager
Project Details: Lincoln County Nuclear Oversight Program

Mr. Drew provides technical assistance and public land policy direction as Project Manager to Lincoln County, as it relates to the Caliente Rail Corridor. The Corridor has been planned to carry high-level nuclear waste across Lincoln County to a potential future repository at Yucca Mountain. Mr. Drew has coordinated and collaborated with local stakeholders, county representatives and other county contractors to determine the impacts of such a project to Lincoln County, its citizens and its natural resources. The project team has developed mitigations measures and alternative design and routing proposals, reviewed and provided comment to various environmental documents, engaged in various administrative hearings and procedures, and evaluated related renewable energy projects for compatibility and cumulative impacts.

Timeframe: 2014 to 2015
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: City of Yerington, Yerington, Nevada
Position Title: Project Manager
Project Details: City of Yerington Land Conveyance

As Project Manager, Mr. Drew lead an RCI Team that completed a Biological Technical Report, Phase 1 Environmental Site Assessment and Environmental Assessment for a tract of BLM land that was in excess of 10,000 acres. Field work included biological surveys for BLM Sensitive Plant and Animal (bats, birds/raptors and mammals) Species and Noxious Weeds.

Mr. Drew was lead author on the Environmental Assessment for the conveyance of approximately 10,000 acres from the Bureau of Land Management to the City of Yerington as required by federal legislation. The project was legislatively mandated for completion within a 180-day window, requiring close coordination with the BLMs Carson City District Office, City of Yerington and other Project Consultants. RCIs work was completed on time and under budget, helping to complete the land conveyance as quickly as possible.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

University of Nevada, Reno
BS Environmental Resource Sciences, Conservation Biology Track, 2004
BS Civil Engineering, Environmental Track, 2004

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Nevada Board of Engineers and Land Surveyors, Reno, Nevada.
Engineer Intern, 2005

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Connie Simkins, Coordinator
Lincoln County Nuclear Oversight Program
(775) 962-8085
(775) 728-4198 fax
connie@lcnop.com

Mike Ford, Nevada and Southwest Director
Conservation Acquisition, The Conservation Fund
(702) 655-8167
(703) 525-4610 fax
Mikefordtcf@aol.com

Tony Wasley, Director
Nevada Department of Wildlife
(775) 688-1500
(775) 688-1207 fax
twasley@ndow.org

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Don Henderson***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Senior Resource and Range Specialist***		
# of Years in Classification:	***19***	**# of Years with Firm:**	***24***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Since joining RCI in 1985, Mr. Henderson has represented a key staff member in this offered field of expertise. Mr. Henderson's senior level position at RCI over the past 19 years requires frequent management of complex interdisciplinary projects and supervision of project teams pertaining to resource management, regulatory permitting, and/or environmental assessment. Most of this work experience has focused in the areas of rangeland and watershed management and federal administration of public lands in rural areas of Nevada and northern California.

For a nine-year period between 1998 to 2007 Mr. Henderson was appointed as the Deputy Director and then Director of the Nevada Department of Agriculture. In these positions Mr. Henderson gained first-hand work experience in the advancement and regulation of production agriculture on a statewide, western, and national basis. Numerous agricultural, legislative, and agency contacts were developed across Nevada during this period.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2015
Company Name & Location: Resource Concepts, Inc., Carson City, Nevada
Position Title: RCI Project Team member
Project Details: Nevada Division of Environmental Protection, Carson City, Nevada, Bureau of Water Pollution Control, Churchill County Source Water Protection Plan.

Mr. Henderson's role on this RCI project team was to facilitate and engage rural and agriculture interests in this county planning process and, on an as needed basis, to provide technical assistance to the RCI project team in addressing or resolving local community inputs in the resulting plan.

Timeframe: 2000-2004
Company Name & Location: Nevada Department of Agriculture, Sparks, Nevada
Position Title: Deputy Director
Project Details: Nevada Department of Agriculture, Sparks, Nevada Deputy Director Nevada Department of Agriculture.

In coordination with then NDEP Administrator, Allen Biaggi, the NV Department of Agriculture hosted quarterly meetings with invited agency personal and agricultural industry leaders to discuss and coordinate on developing state environmental regulations. Topics included in these meetings included air quality in relation to fugitive dust and agricultural burning, confined animal facilities, Section 319 impaired waterways, non-point pollution, among other topics. These agency and industry coordination meeting were viewed as being very successful in addressing rapidly changing environmental quality regulations that had the potential to effect Nevada agriculture. On behalf of NDA Mr. Henderson was responsible for hosting, organizing, and coordinating these informal ad hoc meetings.

Timeframe: 1985 to 1998, and 2012 to present
Company Name & Location: Resource Concepts, Inc., Carson City, Nevada
Position Title: RCI Range or Senior Range Specialist
Project Details: Various including 10 separate clients including ranchers, government agencies, and non-governmental organizations located in across Nevada, northern California, and Montana.

Over the thirteen-year period between 1985 to 1998 and in 2012, Mr. Henderson worked for 10 separate clients in efforts to address or resolve livestock grazing issues in naturally-occurring riparian areas. Most of these projects occurred in a public lands setting. The goal in each of these projects was to implement best livestock grazing management practices to achieve properly functioning riparian conditions and/or local water quality standards. Also during this period, Mr. Henderson received specialized training in properly functioning riparian condition (PFC), BLM Riparian Area Management, and Rosgen Stream Classification.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

California Polytechnic State University, San Luis Obispo, California
Bachelor of Science, Natural Resource Management, June 1981

University of Nevada, Reno, Nevada
Master of Science, Resource Management, May 1988

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Certified Range Management Consultant, Society for Rangeland Management, April 1997

NRCS Technical Service Provider, USDA, Natural Resource Conservation Service
Grazing/Forages and Land Treatment Certifications, March 2009

Certified Rangeland Manager, California State Board of Forestry and Fire Protection, June 2010

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

James R. Barbee, Director Ron Cerri, Owner
Rebel Creek Ranch
Humboldt County Commissioner (2015-17)
HCR 6
Orovada, Nevada 89425
Phone (775) 272-3386
Fax (775) 272-3386
rebelcreekranch@yahoo.com

Nevada Department of Agriculture
405 South 21st Street
Reno, Nevada 89431
Phone (775) 353-3616
Fax (775) 353-3661
jrbarbee@agri.nv.gov

Allen Biaggi, Principal
Biaggi & Associates, LLC
(Former DCNR Director 2004-2010)
P.O. Box 741
Minden, Nevada 89423
Phone (775) 781-2112
freelpeak@gmail.com

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Michelle Gamble, PE***	**Key Personnel: (Yes/No)**	**Yes**
Individual's Title:	***Senior Engineer***		
# of Years in Classification:	***11***	**# of Years with Firm:**	***16***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Ms. Gamble is a University of Nevada Reno graduate with a degree in Civil Engineering. She is licensed in both Nevada and California and has professional experience as Project Manager and Senior Engineer on a variety of engineering projects. She has extensive design experience with a variety of local government infrastructure projects with a focus on water system design, water quality improvement projects, grading and site development.

Prior to working at Resource Concepts, Inc. Ms. Gamble worked for the Nevada Associate of Counties (NACO) for 12 years. During her tenure with NACO, she was responsible for developing public policy, assisting local governments collaborate to develop solutions to regional and statewide issues, and lobbying county issues at the Nevada Legislature.

Ms. Gamble's technical expertise coupled with her background working with Nevada's local governments affords Ms. Gamble valuable perspective on project development and implementation. Her extensive expertise in seeking local collaboration and gaining public participation on projects has been key to the success of projects in which she has been a team member.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: December 2009 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Position Title: Project Manager
Project Name: Kirkwood Meadows Public Utility District Out-Valley Power Line Project
Project Details: RCI prepared the environmental documentation (EIS/EIR) for the Out-Valley Power Line Project. Based on the level of satisfaction the client had with the work performed by RCI, we were engaged to provide overall project management, civil design, permitting and construction management services for the design and construction phases of the project. Ms. Gamble served as Project Manager for this $38 million, multi-year construction project. Ms. Gamble's responsibilities included coordinating all design and project permitting including coordination with the U.S. Forest Service, three counties, Caltrans, PG&E, Volcano Telephone and several private land owners. The project included the construction of two substations, 3.1 miles of overhead power line and over 25 miles of underground power line. Ms. Gamble continued to serve as overall project manager during the construction of the project and oversaw all construction activities including the award of four separate construction contracts, multiple contracts for owner furnished materials, construction inspection services, compliance with environmental requirements, project budgeting and monthly updates to the Kirkwood Meadows Public Utility District Board of Directors. The construction of the power line was completed in November 2014. Ms. Gamble continues to oversee the post-construction monitoring requirements of the project permitting.

Timeframe: June 2012 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Position Title: Sr. Engineer

Project Name: Heavenly Mountain Resort Epic Discovery Projects, Stateline, Nevada
Project Details: RCI has been working with Heavenly Mountain Resorts for over 30 years and has completed numerous projects for the Resort including water and sanitary sewer system improvement projects, stream restoration projects, water quality improvement projects, and site civil improvements for various on-mountain activities in both California and Nevada. Recently RCI provided conceptual engineering and site restoration plans for the permitting of the proposed Epic Discovery Projects. Upon approval by the Forest Service and the TRPA, RCI prepared construction level plans for the initial project to be constructed, the Alpine Coaster, and has been retained to provide construction level drawings for additional projects moving forward with construction in 2016. Ms. Gamble has served as the lead Senior Engineer for all site civil design. Ms. Gamble also work with Heavenly and the other design consultants to prepare conceptual level plans for use in the environmental document for the Master Plan update including supporting documentation for land coverage calculations, temporary and permanent erosion control measures, site revegetation, and construction staging and access.

Timeframe: June 1988 – September 2000
Company Name & Location: Nevada Association of Counties, Carson City, Nevada
Position Title: Program Assistant
Project Name: Project Assistance for All 17 Nevada Counties
Project Details: From 1988 to 2000, Ms. Gamble worked for the Nevada Association of Counties (NACO). During her tenure at NACO, her responsibilities were varied and included development of legislation and presentation to the Nevada Legislature on behalf of the counties, program and policy development on local government issues ranging from public lands to indigent health care, and coordination of training classes for local government officials. Ms. Gamble also coordinated meetings on a variety of issues for public officials including the annual conference for all county elected and appointed officials, annual meetings for other elected official organizations, and conferences on special issues including among other things wildland fire, public lands, and long term planning. Ms. Gamble was instrumental in the development of the public outreach effort for the ultimately successful passage of a statewide ballot issue on unfunded mandates. Ms. Gamble also managed two statewide indigent health care programs, served as the NACO liaison to the Health and Human Services Directors' Association, and served as Administrator for the Nevada Sheriffs' and Chiefs' Association.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

University of Nevada Reno
Reno, Nevada
Bachelor of Science, Civil Engineering, December 2000

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Nevada Board of Professional Engineers and Land Surveyors
Licensed Professional Engineer #16974, March 2005

California Board for Professional Engineers, Land Surveyors, and Geologists
Licensed Professional Engineer #65764, June 2003
California Qualified Storm Water Pollution Prevention Plan Developer (QSP) and Practitioner (QSP)
June 2010

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Michael Sharp, General Manager
Kirkwood Meadows Public Utility District
(209) 258-4444
(209) 258-8272 Fax
msharp@kmpud.com

Robert S. Hadfield, (Retired) Executive Director
Nevada Association of Counties
(775) 781-6953
No fax or email

Andrew Strain, Vice President of Planning and Government Affairs
Heavenly Mountain Resort
(775) 586-2313
(775) 586-7056 Fax
astrain@vailresorts.com

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Kathy Canfield***	**Key Personnel: (Yes/No)**	**Yes**
Individual's Title:	***Senior Planner***		
# of Years in Classification:	***25***	**# of Years with Firm:**	**11**

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Ms. Canfield has provided planning services in the Lake Tahoe Basin area since 1991. Ms. Canfield has extensive experience with planning for public and private project development, regulatory review and long-range plans with city and counties, public utility districts and federal agencies. Ms. Canfield's experience also includes writing and critiquing environmental documents such as Environmental Assessments and Environmental Impact Statements, including applicable TRPA, NEPA and CEQA requirements within the environmental documents, and presentations of reports to public boards. Ms. Canfield has assisted with project development with a variety of recreational projects within the Tahoe Basin. While a planner with TRPA and RCI, Ms. Canfield provided planning assistance with projects proposed for ski areas, local parks, state parks, and U.S. Forest Service land. Some examples include projects associated with Sand Harbor State Park, Zephyr Cove Resort, Tahoe City Commons, Kahle Park, El Dorado Campground, Camp Richardson and North Tahoe Regional Park.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: June 2014
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location:
Project Name: Dresslerville Subdivision Infrastructure Project, WHA
Position Title: Senior Planner

Project Details: This project received grant monies from HUD and was required to have an Environmental Assessment. Ms. Canfield prepared an Environmental Assessment that contained Determinations and Compliance Findings for HUD-assisted Projects (24 CFR Part 58). The project was a 26-lot subdivision on an 8-acre parcel of land located in Dresslerville, Nevada, on Washoe Tribal land. The project assessed the impacts of the subdivision project, including the installation of associated infrastructure, including paved roadways, concrete curbs, sidewalks, utilities and grading for lot pads. To complete the environmental analysis, additional studies included researching existing land use planning and economic development plans, and vegetation and plant community and Tribal Historic Preservation Office surveys, were necessary. The EA was completed in June 2014.

Timeframe: March 2015
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location:
Project Name: New Residence at 399 Delahedeh, WHA
Position Title: Senior Planner

Project Details: This project received grant monies from HUD for development of a single family residence. Ms. Canfield prepared the environmental review for a Categorically Excluded project for the Washoe Housing Authority. The project was for a new residential development on an existing subdivided parcel on Washoe Tribe land located in Carson City, Nevada. The project utilized a HUD Indian Housing Block Grant to develop the project. To complete the environmental analysis, a site inspection and survey of biological resources was concluded by RCI and review of floodplain and Tribal Historic Preservation Office information occurred. The environmental documentation was completed in March 2015 and the project constructed.

Public Service
Ms. Canfield routinely provides planning assistance with public service projects within the Tahoe Basin. Ms. Canfield has provided regulatory review and assistance with environmental documents for projects including pipelines, sewer treatment plants, water tanks, antennas and public service facility upgrades, as well as school district projects, churches, Caltrans and NDOT projects.

Residential
Ms. Canfield prepares residential applications and assists reviews for individual homeowners. Ms. Canfield coordinates design with architects and engineers in order to meet TRPA regulations. Residential projects have included everything from small residential additions, to tear-down and rebuild of residential estates.

Commercial
Ms. Canfield has reviewed or prepared environmental documentation for numerous commercial properties within the Lake Tahoe Basin. Projects have included reconstruction of existing shopping centers, remodeling of out-dated stores and construction of new buildings on vacant properties. The land uses range from office buildings to multiple tenant shopping centers.

Shorezone
Ms. Canfield has assisted with design and permitting for shorezone facilities along the shore of Lake Tahoe. These facilities have included buoys, piers, breakwaters, water intake lines, along with commercial activities on the lake such as tour boats and watercraft rentals. She has assisted with the permitting under TRPA requirements as well as California State, Nevada State Lands, and Army Corps of Engineers.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

BS Environmental Design, Major in Urban Planning, Arizona State University, 1988

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Not Applicable

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Ms. Wendy Jepson
Acting Division Manger
Current Planning
Tahoe Regional Planning Agency
775-588-4547
775-588-4527 (fax)
wjepson@trpa.org

Mr. Paul Nielsen
Division Manager
Tahoe Regional Planning Agency
775-588-4547
775-588-4527 (fax)
pnielsen@trpa.org

Mr. Richard Lombard
Development and Modernization Manager
Washoe Housing Authority
775-265-2410
richard@whauthority.com

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Jennifer Petersen***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Resource Specialist***		
# of Years in Classification:	***6 mos***	**# of Years with Firm:**	***6 mos***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Prior to coming to RCI, Ms. Petersen was a Rangeland Management Specialist in the Elko District of the BLM providing range management services. She has extensive experience in data collection, evaluation and resource value descriptions. Ms. Petersen enjoys public outreach relating to natural resources and water quality. She has recently returned to the workforce after taking a break to raise a family. She is active in the local 4-H Program and home-schooling events.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2015 to Present
Company Name & Location: Resource Concepts, Inc. (RCI), Carson City, Nevada
Client Name & Location: Eastern Nevada Assistance
Position Title: Resource Specialist
Project Details: Eastern Nevada Assistance

Ms. Petersen assists with eastern Nevada data gathering and analysis. She also attends informational meetings and stays abreast of the public land and municipal activities and projects.

Timeframe: 2015
Company Name & Location: University of Nevada, Reno; Boulder Valley, NV
Client Name & Location: University of Nevada, Reno; Boulder Valley, NV
Position Title: Research Technician
Project Details: As a part of the Mack Farm Cheatgrass study, Ms. Petersen collected standing biomass data on annual grasses and estimated the canopy cover using the Daubenmire method. She worked closely with several university professors during this study.

Timeframe: 1994 to 1997
Company Name & Location: Bureau of Land Management, Elko District Office, Elko, NV
Client Name & Location: Bureau of Land Management, Elko District Office, Elko, NV
Position Title: Range Management Specialist
Project Details: Ms. Petersen worked closely with ranchers in administering over 30 livestock grazing allotments in the local area. She communicated openly and regularly with the livestock grazing permittees and interested parties. A large part of her time was used to provide natural resource public outreach and education including school field trips and exhibits at the Elko County Fair.

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

Oregon State University Corvallis, Oregon
Bachelor of Science Degree in Rangeland Management, 1994

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Not Applicable

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Karl Scheetz
Range Management Specialist
Bureau of Land Management, Elko District Office
(775) 934-3692
Former supervisor

Donna Jewell
Range Management Specialist, retired
Bureau of Land Management, Elko District Office
(775) 385-6441
Former co-worker

Marjie DuSoleil
(775) 934-6310
friend

PROPOSED STAFF RESUME FOR RFP 3245

A resume must be completed for all proposed prime contractor staff and proposed subcontractor staff.

Company Name Submitting Proposal:	***Resource Concepts, Inc.***

Check the appropriate box as to whether the proposed individual is prime contractor staff or subcontractor staff.

Contractor:	***X***	**Subcontractor:**	

The following information requested pertains to the individual being proposed for this project.

Name:	***Steven Ponte***	**Key Personnel: (Yes/No)**	***Yes***
Individual's Title:	***Project Engineer***		
# of Years in Classification:	***7***	**# of Years with Firm:**	***1***

BRIEF SUMMARY OF PROFESSIONAL EXPERIENCE

Information should include a brief summary of the proposed individual's professional experience.

Mr. Ponte is a GIS Specialist and provides climate, soil, vegetation, water, geology, and land use mapping using for resource and water related projects.

RELEVANT EXPERIENCE

Information required should include: timeframe, company name, company location, position title held during the term of the contract/project and details of contract/project.

Timeframe: 2015 to Present
Company Name & Location: Resource Concepts, Inc., Carson City, Nevada
Position Title: GIS Specialist
Project Details: Provides climate, soil, vegetation, water, geology, and land use mapping using for resource and water related projects.

Timeframe: 2012 to 2015
Company Name & Location: Natural Resources Conservation Service
Position Title: GIS Intern and Contractor
Project Details: Database updates, data summaries, relating soils to vegetation; field work collecting rangeland data; managing and inputting Natural Resources Inventory data

EDUCATION

Information required should include: institution name, city, state, degree and/or Achievement and date completed/received.

University of Nevada, Reno
Reno, Nevada
Bachelor of Science, Science of Geography (minor Environmental Science) 2014

Western Nevada College
Carson City, Nevada
Associate of Applied Science: Geographic Information Systems 2011

University of Nevada, Reno
Reno, Nevada
Mechanical Engineering 2007

CERTIFICATIONS

Information required should include: type of certification and date completed/received.

Not applicable

REFERENCES

A minimum of three (3) references are required, including name, title, organization, phone number, fax number and email address.

Patti Novak-Echenique
State Rangeland Management Specialist
patti.novak@nv.usda.gov
(775) 857-8500 x142

Chris Ryan
Professor of GIS, Western Nevada Collage
chris.ryan@wnc.edu
(775) 425-1771

Stephen Herriman
Natural Resources Conservation Service
Steve.Herriman@nv.usda.gov
(803) 669-3935 x106

Part IA – Technical Proposal

Tab IX – Other Informational Material

Part IA – Technical Proposal
Tab IX Other Information Material

CONTENTS: LETTERS OF SUPPORT

CSWP Plan Development

Pershing County Nevada
Carol A Shank, Vice Chair – Pershing County Commissioner

Lincoln County Planning and Building Department
Cory Lytle, Planning Director

Elko County Citizens
Mr. Demar Dahl

ISWPP Partners

University of Nevada, Reno
College of Business
Dr. Frederick Steinmann, Assistant Research Professor

NOS – Nevada Outdoor School.org
Melanie Erquiaga, Executive Director

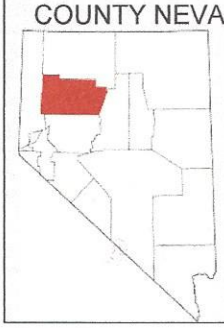
CSWP Plan Implementation

Churchill County Planning
Michael K. Johnson, Churchill County Planning Director

Lyon County Utilities Department
Mike Workman, Utilities Director

Carson City Nevada
Public Work Department
Rit Palmer, Water Operations Supervisor

PERSHING
COUNTY NEVADA



CAROL SHANK
PERSHING COUNTY COMMISSIONER
1775 Loorz Road
Lovelock, NV 89419
(775) 427-8309 (cell)

Office: P.O. Drawer E
Lovelock, NV 89419

email: carolshank47@gmail.com

April 7, 2016

Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 S. Stewart Street Suite 4001
Carson City, NV

Re Integrated Source Water Protection Program RFP # 3245

To Whom It May Concern:

It is my understanding that NDEP has requested proposals to select a consulting firm to assist in the implementation of the Integrated Source Water Protection Plan (ISWPP) Program. It is also my understanding that Resource Concepts Inc (RCI) has responded to the request and identified Elko, Eureka, Lander and Pershing as priority counties to prepare an ISWPP. These rural counties are all located within and depend on the Humboldt River Basin ground water resource.

Many of the Public Water Systems Well Head Protection Plans in these counties are dated and in need of review and update. Implementation of the ISWPP program in Pershing County will enhance protection of our ground water resource and is greatly needed and desired. I will work with the Lovelock Meadows Water District to ensure that with ISWPP's assistance these plans are updated within our county.

RCI has worked on public and private projects within the Humboldt River Basin for many years, and are presently working on this program in Humboldt County. As such I would be comfortable with RCI implementing the ISWPP program in Pershing County and would look forward to working with RCI in this regard.

Your consideration of this request is greatly appreciated.

Sincerely,

Carol A. Shank
Vice Chair - Pershing County Commissioner
(775) 427-8309
carolshank47@gmail.com

Lincoln County Planning and Building Department
181 Main Street PO Box 329
Pioche, Nevada 89043

Phone 775 962 8071 Fax 775 962 5877

March 29, 2016

Nevada Division of Environmental Protection
Bureau of Water Pollution Control
901 S. Stewart St., Suite 4001
Carson City, Nevada 89701-5249

RE: State of Nevada Request for Proposal #3245: Integrated Source Water Protection Program

To whom it may concern,

Lincoln County understands that NDEP has requested proposals for a contractor to assist in development and implementation of the Integrated Source Water Protection Program (ISWPP). It is further understood that Resource Concepts, Inc. (RCI) has responded to the request, and is suggesting an approach that focuses on implementing the program in a series of rural counties including Lincoln County.

Several water systems within the County developed plans in the early 2000s, including the Alamo Sewer and Water GID, Caliente, and Pioche. However, it is understood that these plans may be due for review and update so that they are consistent with the ISWPP program. Such updates would be beneficial the County in terms of protecting drinking water sources in the future.

The County is familiar with RCI, and has utilized their services for many years. As such, the County would be comfortable learning more about the program if RCI were selected as the preferred contractor.

Thank you,

Cory Lytle
Planning Director

April 7, 2016

Nevada Division of Environmental Protection

Bureau of Water Pollution Control

901 S. Stewart Street Suite 4001

Carson City, NV

Re Integrated Source Water Protection Plan RFP # 3245

To whom it may concern

It is my understanding that NDEP has requested proposals to select a consulting firm to assist in the implementation of the Integrated Source Water Protection Plan (ISWPP) Program. It is understood that Resource Concepts Inc (RCI) has responded to the request and identified Elko, Eureka, Lander and Pershing as priority counties to prepare an ISWPP. These rural counties are all located within and depend on the Humboldt River Basin ground water resource.

Many of the Public Water Systems Well Head Protection Plans are dated and in need of a review and update. Implementation of the ISWPP program in Elko County will enhance protection of our ground water resource.

I am familiar with RCI's expertise and local experience. RCI has worked on public and private projects within the Humboldt River Basin for many years. As such I would be comfortable with RCI implementing the ISWPP program in Elko County.

Thank You

Mr. Demar Dahl

Elko County Citizens

College of Business
University of Nevada, Reno

March 25, 2016

To: Nevada Division of Environment Protection
Bureau of Water Pollution Control

RE: Integrated Source Water Protection Program
RFP 3245

To Whom It May Concern,

The University Center for Economic Development, in the College of Business at the University of Nevada, Reno, provides economic development research, technical assistance and educational services. Dr. Frederick Steinmann, Assistant Research Professor with the University Center for Economic Development, has been providing technical assistance in the form of identifying funding mechanisms available for implementation of community source water protection measures as requested by the Nevada Division of Environmental Protection (NDEP) and Resource Concepts, Inc. (RCI) team.

The University Center for Economic Development recognizes and supports RCI's proposed Community Source Water Protection planning process in the remaining counties in the Humboldt River watershed. We are pleased to continue providing support for the Source Water Protection program with the NDEP and RCI, should they be selected for the upcoming contract.

If you should have any questions regarding list letter of support, please feel free to contact me at your earliest convenience by phone (Office: 775.784.1655) or by email (fred@unr.edu).

Sincerely,

Dr. Frederick Steinmann
Assistant Research Professor

cc: Dr. Thomas Harris, Director, University Center for Economic Development
Mr. Richard Bartholet, Research Assistant, University Center for Economic Development

Economics
University of Nevada, Reno/0030
Reno, Nevada 89557
(775) 784-6850 Office
(775) 784-4728 Fax
www.business.unr.edu

March 25, 2016

RE: Integrated Source Water Protection Program
RFP 3245

To the NDEP Bureau of Water Pollution Control:

Nevada Outdoor School is currently working with the Community Source Water Protection Plan (CSWPP) team in Humboldt County. Nevada Outdoor School inspires exploration of the natural world, responsible stewardship of our habitat and dedication to community. In that regard, our mission and education programs, and the NDEP Integrated Source Water Protection Program can help prevent water supply contamination by engaging and educating the local communities and are mutually supportive.

We have appreciated the funding assistance provided by the NDEP staff and technical assistance provide by Resource Concepts, Inc. in obtaining the groundwater and watershed models. Looking forward, we are opening an office with staff in the Elko community in May 2016. We strongly agree that continuing the Source Water Protection momentum within the Humboldt River watershed is timely, cost effective and needed. In addition, we would be pleased to continue providing Source Water Protection education support with the NDEP and RCI, should they be selected for the upcoming contract.

Kind Regards,

Melanie Erquiaga

Melanie Erquiaga – Executive Director

655 Anderson Street
Winnemucca, NV 89445

Info@NevadaOutdoorSchool.org
Tax ID: 90-0087367 ~ NV Reg. #RCE-013-789

Phone / Fax: (775) 623-5656
www.NevadaOutdoorSchool.org

CHURCHILL COUNTY PLANNING

Planning Commission
Planning Department
GIS Department
Business License Dept.
Zoning Enforcement

March 18, 2016

Re: Integrated Source Water Protection Program

RFP 3245

To the NDEP Bureau of Water Pollution Control

Many public water systems in Churchill County recently participated and completed a Community Source Water Protection Plan (CSWPP), which has been adopted by the Churchill County Commission in December 2015. The public water systems have begun implementation of the priority action items identified in the CSWPP. Recently, letters were sent to property owners near public water system which were not on the system seeking additional information concerning old used wells and wells which should be abandoned and sealed in order to protect these public water systems source of water. The implementation of these action items will enhance the sustainability of our source water.

We have appreciated the funding assistance provided by the NDEP staff and comprehensive technical assistance provide by Resource Concepts, Inc. RCI's team building and technical capability facilitated the successful completion and adoption of the CSWPP in a timely manner. We look forward to continuing plan implementation with the NDEP and RCI, should they be selected for the upcoming contract.

Sincerely,

Michael K Johnson

Michael K Johnson

Churchill County Planning Director

(775) 423-7627 Planning-director@churchillcounty.org

LYON COUNTY UTILITIES DEPARTMENT

34 Lakes Blvd., Suite 103
P.O. Box 1699
Dayton, Nevada 89403

Phone: (775) 246-6220 Fax: (775) 246-6223
www.lyon-county.org

This Institution is an Equal Opportunity Provider and Employer.

March 21, 2016

Integrated Source Water Protection Program - RFP 3245

NDEP Bureau of Water Pollution Control:

The public water systems in Lyon County recently completed a Community Source Water Protection Plan (CSWPP), which has been adopted by the Lyon County Board of Commissioners. The public water systems have begun implementation of the priority action items identified in the CSWPP. The implementation of these action items will help preserve as well as enhance the sustainability of our source water.

We have appreciated and relied on the funding assistance provided by NDEP. The funding combined with the comprehensive technical assistance provided by Resource Concepts, Inc. were critical components in the success of the program to date. RCI's subject matter knowledge, team building approach and technical capability facilitated the successful completion and adoption of the CSWPP in a timely manner.

We look forward to continuing the CSWPP implementation with the NDEP and would highly recommend that RCI be selected to continue with the project. Their familiarity of the project combined with the relationships they have built with the team members would make the transition into the next phase much more effective, efficient and successful.

Respectfully,

Mike Workman
Utilities Director

PUBLIC WORKS DEPARTMENT

ADMINISTRATION
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fx: 775-887-2112

FLEET SERVICES
3303 Butti Way, Building 2
Carson City, NV 89701-3498
Ph: 775-887-2356
Fx: 775-887-2258

OPERATIONS
(Water, Sewer, Wastewater, Streets, Landfill, Environmental)
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fx: 775-887-2112

ENGINEERING/ TRANSPORTATION/ CAPITAL PROJECTS
3505 Butti Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fx: 775-887-2112

BUILDING and SAFETY PERMIT CENTER
108 E. Proctor Street
Carson City, NV 89701-4240
Ph: 775-887-2310
Fx: 775-887-2202

PLANNING
108 E. Proctor Street
Carson City, NV 89701-4240
Ph: 775-887-2180
Fx: 775-887-2278

HEARING IMPAIRED
Dial 711

CARSON CITY NEVADA

Consolidated Municipality and State Capital

March 23rd, 2016

Integrated Source Water Protection Program
RFP 3245

To the NDEP Bureau of Water Pollution Control

Since completion and adoption of the Source Water Protection Plan in 2014, Carson City has worked to implement the priority action items identified in the CSWPP. The implementation of these action items will enhance the sustainability of our source water.

We have appreciated the funding assistance provided by the NDEP staff and comprehensive technical assistance provided by Resource Concepts, Inc. RCI's team building and technical capability facilitated the successful completion and adoption of the CSWPP in a timely manner. We look forward to continuing plan implementation with the NDEP and RCI, should they be selected for the upcoming contract.

Sincerely,

Rit Palmer

Rit Palmer, Water Operations Supervisor

Carson City Public Works
3505 Butti Way
Carson City Nv. 89701
775-887-2355
rpalmer@carson.org