AGENDA ITEM or FINAL CONTRACT REVIEW SUBMITTAL FORM

AgendaTitle:
Acknowledgement of County Manager Authorization to Submit; El Pomar Foundation Grant Application; Gunnison County Oral Health Project; 1/15/14 thru 12/31/14; $20,000

Action Requested: Other

Parties to the Agreement: Gunnison County BOCC and El Pomar Regional Council

Term Begins: 1/1/2014 **Term Ends:** 12/1/2014 **Grant Contract #:**

Summary:
This is a proposal to fund the Gunnison County Oral Health project by El Pomar. It is modeled after the Colorado trust "Health Integration Grant" that ended Dec 2012 and also to support staff time to provide care coordination for the Gunnison Dental Initiative. Staff time for care coordination was previously funded buy the Caring for Colorado grant that has also ended.

Fiscal Impact: $20,000

Submitted by: C. Worrall **Submitter's Email Address:** Cworrall@gunnisoncounty.org

Finance Review: (●) Required ( ) Not Required

Comments:

This is an application for a new grant project. If received, we will need to amend the County budget. We would also need a P.A. to increase Ellen's FTE by around 8 hours extra per week and a service agreement with a dental hygenist in the amount of $4,000.

Reviewed by: GUNCOUNTY1\LNIENHUESER Discharge Date: 11/18/2013

County Attorney Review: ( ) Required (●) Not Required

Comments:

Reviewed by: Discharge Date: Certificate of Insurance Required Yes ( ) No ( )

County Manager Review:

Comments:

Reviewed by: GUNCOUNTY1\MBIRNIE Discharge Date: 11/18/2013

(●) Consent Agenda ( ) Regular Agenda ( ) Worksession Time Allotted:

Agenda Date: 12/17/2013 Follow Up Agenda Date:

Revised April 2013

Organization Information

General Information

Legal Name
The name listed on the IRS Tax Status Letter
Gunnison County

Organization Name
If your organization has a Doing Business As (DBA) name, please include it in this section
Gunnison county

Street Address
225 N Pine St Suite E

City	State	Zip Code
Gunnison	CO	81230

Main Phone Number
Please provide a phone number for the organization that will not change based on staffing changes. Please enter in the following format (###) ###-####
970-641-0209

Main Fax Number
Please provide a fax number for the organization that will not change based on staffing changes. Please enter in the following format (###) ###-####
970-641-8346

Main E-mail Address
Please enter an email address that is not assigned to a specific person

Website
www.gunnisoncounty.org

County

Gunnison County

Organization Annual Budget
Please enter your total expenses for the current fiscal year without commas or currency signs (for example, 100000)
179649

Contact Information

Organization CEO/Executive Director

Prefix	First Name	Last Name
<Select One>	Matthew	Birnie

Title
County Manager

Office Phone
Please enter in the following format (###) ###-####
970-641-0248

E-mail
mbirnie@gunnisoncounty.org

Contact Person for this grant request

Same as Organization CEO/Executive Director
No

Prefix	First Name	Last Name
Ms	Carol	Worrall

Title
Public Health Director

Office Phone
Please enter in the following format (###) ###-####
970-641-0209

E-mail

cworrall@gunnisoncounty.org

Proposal Information

Proposal Information

Request Title
A phrase or Sentence to describe the request
Gunnison County Oral Health Project

Fund
This application is for a Regional Council grant.
Regional Grant

Type of Support Requesting
Program

Request Amount	Project Budget
20000	20000

Project Budget
Only applicable for program or capital requests. Please upload a copy of your Project Budget specific to this request.
Oral Health Proposal for El Pomar.docx

Project Start Date	Project End Date
01/15/2014	12/31/2014

Demographics

Age Group Served by the request
Please select all that apply.

Infants (0-5)
Children (6-13)
Young Adults (14-18)
Ethnicities Served by the request
Please select all that apply.
Multi

Proposal Narrative

Organization Information

Historical Information
Children's oral health is a major concern for Gunnison County. Over the years Public Health has created multiple dental programs to address this concern. The first program was the "Gunnison Dental Initiative" establishing a partnership between dental providers and Public Health so that families of children who were under or uninsured would pay a reduced rate for services. A second program was through the Early Childhood Council (ECC) for a 3 year grant from the Colorado Trust referred to as the "Health Integration Dental Grant" that ended December, 2012. This program offered on-site dental screenings to children 3-5 years of age in childcare, preschool and kindergarten facilities. The third effort involved having a mobile dental clinic "Smile Maker Dental Van" from the University of Colorado School of Dental Medicine visit Gunnison for approximately 2 weeks in 2011 and 2013 to provide free dental treatment to children. Despite the proven positive impact on children's oral health, funding reductions have greatly reduced these services.
NEED
Lack of Fluoridated Drinking Water
Living where the public drinking water does not contain fluoride is considered by dental experts to automatically place children at high risk for dental decay. Gunnison County municipal water does not contain fluoride. With this major environmental factor as a constant, the need for other intensive efforts to address children's oral health will continue. Discussions with water

treatment staff indicate that to add fluoride to the public drinking water would be extremely expensive requiring significant replacement of existing equipment used on the many wells that make up the municipal water system. More important the "public will" to make such a change is very unlikely.
It is important to understand the positive effects of fluoridated water to appreciate the necessity of other preventative measures that are needed for Gunnison County children. Fluoridated drinking water works in multiple ways to reduce dental decay. By ingesting fluoride, the systemic absorption creates stronger enamel. Efforts to replicate this is by parents administering a fluoride supplement to their children daily for many years. The likelihood of accomplishing this is based on individual families' commitment. Another way fluoridated drinking water works is with each sip of water throughout the day there is the frequent surface exposure of the teeth to fluoride. Surface exposure helps reduce bacteria and their ability to create decay. We replicate this "surface exposure" by using fluoridate toothpaste except that it only lasts approximately 20 minutes after brushing and again depends on parents' dental habits. Another form of "surface exposure" is fluoride varnish that is painted onto teeth, every 6 months for low risk children, and every 3 months for high risk and monthly for extreme risk of decay. A dental home, similar to a medical home, is the best way to accomplish this.
Dental Home
Gunnison County is designated a dental provider shortage area. There are no pediatric dentists in Gunnison County with the closest being in Montrose, 65 miles away, with no public transportation available. All the local dentists have a strong interest in children's oral health, but lack the training to provide extensive care. American Academy of Pediatric Dentistry and "Cavity Free at Three" (a non-profit organization whose goal it is to reduce or eliminate early childhood cavities through trainings and education) recommend "All children should have their first dental visit by age 12 months". Gunnison County has only 2 Medicaid providers (one dentist and one hygienist). Therefore there are inadequate dental providers for children to have a dental home. Based on the "Cavity Free at Three" program, children living in non-fluoridated areas are at higher risk of decay and therefore require more intensive preventative care which

would be addressed through a dental home.

Data
In 2010 a brief dental screening was incorporated into health screenings by the school nurse for grades Preschool through 8th grade for the entire Gunnison school district. That assessment revealed 76 children in need of immediate dental care for obvious decay and 152 children in need of some kind of care. Of these total 228 children needing care, 80 were on Medicaid with an estimated 20 more that may be eligible.
Maternal Child Health Dataset for 2010 showed the rate of dental caries in 3rd graders in Gunnison County to be 46.7%. It is reported to be a leading cause of student absenteeism.
"Health Integration Dental Grant": In 2012 sixteen locations were visited and 766 children ages 3-5 years were screened and fluoride varnishes applied. The first two years of the grant (2010 -11) approximately 20% of the children screened needed some kind of follow up work. That number dropped to 11% in the final year of the grant. ECC membership selected oral health as a council priority.
CU School of Dental Medicine "Smile Maker Dental Van" visited Gunnison in 2011 and 2013. In 2011 with $10,000 in support from El Pomar, approximately 80 children were seen. The staff at that time commented how surprised they were by the degree of decay in individual children and the number of children with severe decay. Despite reduced resources to assist in the cost of the van, the CU staff offered to make another visit in 2013 where they saw approximately 96 children. 57 of the patients did not have dental insurance and 35 had Medicaid or CHP+, and 3 had private insurance. Follow up appointments were made based on degree of decay: 28% required no follow up, 47% had one follow up appointment, 12% needed 3 follow up visits, 8% needed 4 visits, 3% needed 5 follow up visits and one child had 7 visits for severe decay. During the 2 weeks 20 teeth were pulled, 11 crowns placed, 130 fillings completed, and several other procedures totaling approximately $92,000 worth of services.

Proposal Details

Mission Statement
The mission of this project is to improve children's oral health. Because Gunnison County public drinking water does not contain fluoride and the area is designated as a shortage of dental providers, children are at high risk for dental decay and more aggressive prevention strategies are needed. The overall intent of this proposal is to seek resources to restore staff time for program coordination of proven, previous existing oral health programs. The programs proposed would follow the same design of the "Gunnison Dental Initiative", and the "Health Integration Dental Grant". Much of the initial challenges and potential inefficiencies of creating a program have already been resolved and the results have been well documented. initial outlay of expenses for some of the needed supplies such as portable dental chair have already been made.

Request Narrative
The design of this project will be modeled after and incorporate two previously existing programs: "Gunnison Dental Initiative" that provided care coordinator with a dentist and families served and the "Health Integration Grant" that provided on-site dental screenings and fluoride varnish applications in the childcare and school settings. $20,000 is requested to support project coordinator time, dental hygienist contract, fluoride varnish and other operating supplies, including parent permission forms for

fluoride varnish application.

"Gunnison Dental Initiative"
Coordinate the current "Dental Initiative" program for un/underinsured children, which includes making referrals, completing the contract with the client for their reduced portion of the payment, accepting payment on behalf of client, making reminder calls and sending letters to avoid no shows. The efforts to reduce No Show rate cannot be emphasized enough as this has a major impact on provider participation. An agreement is already in place with one dental provider to provide the dental work. Dr. Anderson has already donated between $16,000 and $20,000 per year for the past 10 years. 34 children participate in this program. They graduate at the age of 18.
The project includes bilingual and comprehensive Patient Navigation for the children and parents, a critical and effective tool for insuring the best health outcomes. The coordinator is a trained Patient Navigator by the University of Colorado, College of Nursing. This patient navigation service includes communication with families after the appointment, through translation of the appointment progress notes and confirming parent understanding and comprehension of the after care plan.

"Health Integration Grant"
Provide 200 on-site dental screenings, fluoride varnish application, and brushing education to children in childcare settings, Crested Butte and Lake School facilities. The coordinator will set up all screenings at each site. Templates that have already been developed for parent permission for fluoride varnish application will be distributed to each site administrator. A dental hygienist will be contracted to perform dental screenings and apply fluoride varnish. The coordinator will assist the dental hygienist in equipment needs, scheduling and general flow at the sites. A portable dental chair is used and this has already been obtained as well as other equipment such as tooth brushes. Additional needed supplies include fluoride varnish, photocopying, postage and other operating expenses. Expenses include travel to Crested Butte schools.
Sustainability: It is our hope to expand the number of participating dental providers in order to increase access to

services within the community. The coordinator for the "Gunnison Dental Initiative" has already streamlined this partnership between Public Health and the provider, with enhanced communication both with the single provider and families, and has already addressed many of the challenges such as No Show rates. Thus we are in a good position to approach the newer dentists and expand the number of participating providers. This will increase capacity for dental services in a sustainable way. As a result of work done during the "Health Integration Dental Grant" one dentist became a Medicaid provider.

Objectives and Evaluation Methods

For the "Gunnison Dental Initiative" portion of this project:
The objective will be to provide care coordination for 34 children in the "Gunnison Dental Initiative" program. This will be evaluated by tracking the number of children particiipating, the number of dental visits, and the number of contacts with the families. The number of completed visits as well as "No Show" visits will be tracked. The most significant evaluation will be the tracking of those children who demonstrate no new decay after enrolling in program as documented in dental records.

"Health Integration" portion of this project:
The objective will be to provide 200 dental screenings and fluoride varnish applications in childcare settings in Crested Butte and at Lake School facilities. This will be evaluated by tracking the number of screenings done, the number of fluoride varnish applications and the number of follow up parental notifications of need for further dental services.