

REQUEST FOR ENGINEERING PROPOSAL
BRIDGE REPLACEMENT PROJECT
PLACERVILLE DRIVE BRIDGE AT HANGTOWN CREEK

INTRODUCTION

The City of Placerville is inviting qualified firms to submit proposals to take this project thru the bidding process, including completion of a Preliminary Engineering Feasibility Report phase and perform Project Approval and Environmental Document (PA&ED) services (Task 1), preparation of the complete PS&E (Task 2), and Bidding and Construction Support (Task 3), all leading to the replacement of the Placerville Drive Bridge (State Bridge 25C0029), crossing Hangtown Creek. The Project is located about 0.7 miles west of where Placerville Drive crosses under Hwy. 50, and about 0.3 miles west of the Cold Springs Rd/Home Depot intersection with Placerville Drive, in the City of Placerville. The existing bridge was rated as "Functionally Obsolete" in the Caltrans Bridge Inspection Report dated August 10, 2012. A copy of the report is attached.

The City is looking for a highly qualified firm with complete knowledge of Caltrans Structure Design procedures, the Caltrans Local Assistance Manual and procedures, and the Federal Highway Administration (FHWA) Local Assistance Highway Bridge Program (HBP). The firm must also have substantial experience in California Environmental Quality Act (CEQA) / National Environmental Policy Act (NEPA) environmental review, documentation and permitting procedures. Experience in dealing with replacement of obsolete bridges, public outreach, preparation of environmental documents and bridges structures design is required.

The existing bridge is a narrow two-lane single span Concrete T Beam structure approximately 41 feet long by 28 feet wide. The new bridge is expected to be a simple span box girder or cast-in-place reinforced concrete prestressed slab approximately 85 feet in width, to include 4 lanes, median, shoulder/bike lanes, curbs, gutters, and sidewalks, a modern structure meeting current design standards. This width has been determined by the Placerville Drive Multi-Modal Study completed in 2009, which study is included as an attachment. The Hangtown Creek Comprehensive Watershed Plan, which included completion of a new hydraulic model for Hangtown Creek thru the City of Placerville, was completed in March 2012, and is also included as an attachment. In May 2013 the City received Highway Bridge Program (HBP) funds for a bridge replacement project to begin Preliminary Engineering, and copies of the application/scope definition form (Exhibit 6-A), the special cost approval checklist (Exhibit 6-B), the field review form (Exhibit 7-B), and the request for authorization to proceed with Preliminary Engineering (Exhibit 3-A) are attached.

Quincy Engineering was previously under contract with the City to develop PS&E for a bridge widening project at this location. Preliminary Engineering was originally authorized in 1997. Various challenges arose during the course of that work, including discovery of hazardous waste and cleanup (1999), State budget issues (2001-2003), Red-legged Frog habitat requiring additional studies and consultation with USFWS (2002-2004), accelerated

Civil Engineering Proposal Example

DJ Losen



Civil Engineering Proposal Example:

Civil Engineer's Handbook of Professional Practice Karen Lee Hansen, Kent E. Zenobia, 2011-03-31 A well written hands on single source guide to the professional practice of civil engineering There is a growing understanding that to be competitive at an international level civil engineers not only must build on their traditional strengths in technology and science but also must acquire greater mastery of the business of civil engineering Project management teamwork ethics leadership and communication have been defined as essential to the successful practice of civil engineering by the ASCE in the 2008 landmark publication Civil Engineering Body of Knowledge for the 21st Century BOK2 This single source guide is the first to take the practical skills defined by the ASCE BOK2 and provide illuminating techniques quotes case examples problems and information to assist the reader in addressing the many challenges facing civil engineers in the real world Civil Engineer s Handbook of Professional Practice Focuses on the business and management aspects of a civil engineer s job providing students and practitioners with sound business management principles Addresses contemporary issues such as permitting globalization sustainability and emerging technologies Offers proven methods for balancing speed quality and price with contracting and legal issues in a client oriented profession Includes guidance on juggling career goals life outside work compensation and growth From the challenge of sustainability to the rigors of problem recognition and solving this book is an essential tool for those practicing civil engineering

Navy Civil Engineer ,1968 **The Cornell Civil Engineer** ,1919 Civil Engineering Education ,1979 **The Surveyor and Municipal and County Engineer** ,1918
The Surveyor & Municipal & County Engineer ,1930 **Engineering News-record** ,1911 **Engineering News and American Contract Journal** ,1908 **Chemical Age** ,1924 *Southwest Builder and Contractor* ,1918 **Proceedings** ,1920 **British Books in Print** ,1924 Engineering Record ,1914 Chartered Civil Engineer ,1953 **Reference Catalogue of Current Literature** ,1920 *The Value of English to the Practicing Engineer* Harold Prell Breitenbach,1906
Public Works and Journal of Civil Engineering ,1912 *The Michigan Architect and Engineer* ,1930 *Computing in Civil Engineering and Geographic Information Systems Symposium* Barry J. Goodno, Jeff R. Wright,1992 *Transactions of the Association of Civil Engineers of Cornell University* ,1930

The Top Books of the Year Civil Engineering Proposal Example The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous compelling novels captivating the hearts of readers worldwide. Lets delve into the realm of top-selling books, exploring the engaging narratives that have captivated audiences this year. The Must-Read : Colleen Hoover's "It Ends with Us" This heartfelt tale of love, loss, and resilience has gripped readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Uncover the Best : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This spellbinding historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids captivating storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Civil Engineering Proposal Example : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a masterful and thrilling novel that will keep you wondering until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

https://matrix.jamesarcher.co/public/browse/index.jsp/Coding_Manual_Illustrated_Guide.pdf

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Anesthesia Technologist Skills Checklist Anesthesia Technologist Skills Checklist ; Proper identification/labeling of all lab or specimen results, 123 ; Pre-procedural time-out process, 123 ; Demonstrate ... Anesthesia Technician Skills Checklist Tool & Resources This tool is designed to promote the assessment and documentation of competency and contains core skills assigned to the role of Anesthesia Technician. 15 Anesthesia Technician Skills For Your Resume Three common anesthesia technician soft skills are integrity, listening skills and physical stamina. After you find the anesthesia technician skills you need, ... SKILLS CHECKLISTS ANESTHESIA TECH COMPETENCY SKILLS CHECKLIST.htm, May 19th 2022 at 10:52am ... PHARMACY TECHNICIAN SKILLS COMPETENCY CHECKLIST.htm, May 19th 2022 at 10:52am. Anesthesia Technician Skills Checklist - Fill Online ... Here is a skills checklist for anesthesia technicians: 1. Knowledge of anesthesia equipment: Understanding the different types of anesthesia machines, monitors, ... Anesthesia Tech Skills Checklist Instructions: Please

rate your experience / frequency (within the last year) using the following scale (check the appropriate boxes below):.

Focused competencies give anesthesia technicians a leg ... Nov 11, 2014 — The competency checklists also provide a baseline for information used in orientation of new anesthesia technicians. Training on the job.

ANESTHESIA_TECH_COMPET... Instructions: This checklist is meant to serve as a general guideline for our client facilities as to the level of your skills within your nursing specialty. Anesthesia Technology (AS - 1351999901) Complete hospital annual competency checklist which may include Auto transfusion; Stat lab; ACT; Waste Gas Survey; laser safety;

Bronchoscope cleaning and ... Rikki tikki tavi graphic organizers Browse rikki tikki tavi graphic organizers resources on

Teachers Pay Teachers, a marketplace trusted by millions of teachers for ... “Rikki-tikki-tavi” BY RUDYARD KIPLING

Directions: Select the letter of the response that best answers the ... Analyze and evaluate each component of the Informational Text Graphic Organizer. Text Dependent Questions Rikki Tikki Tavi/ Ruyard Kipiling/ Created by SAP District.

Unit 1 Part 2 ... Complete a Know, Want to Learn, Learned (KWL) graphic organizer about the text. Graphic Organizers for Active Reading - ThinkCentral Looking For Graphic Organizers for Active Reading - ThinkCentral? Read Graphic Organizers

for Active Reading - ThinkCentral from here. “Rikki-tikki-tavi” by R Kipling · 2007 · Cited by 40 — Answer the following questions about the excerpt from “Rikki-tikki-tavi.” animal similarity. Name. Date ... Rikki-Tikki-Tavi | Character Descriptions

Worksheet In this activity, students read about two characters in the story and answer questions. Click to view! Rikki-tikki-tavi RUDYARD KIPLING Rikki-tikki-tavi RUDYARD KIPLING. Read each of the following questions. Answer each question in a

complete sentence. 1. What kind of animal is Rikki-tikki-tavi? Analyzing Character Confrontations in "Rikki-Tikki-Tavi"

Students will analyze the confrontations that drive the story's plot, noting what happens and who is involved, how Rikki's character is developed through each ... Unit 1 Part 2/Week 8 Title: Rikki-tikki-tavi Suggested Time Students complete an

evidence chart as a pre-writing activity. Teachers should ... Answer: Tasks and answers available in the anthology on page

137. • After ... Common Core Investigations Ratios And Rates Answers May 1, 2002 — Common Core Investigations Ratios

And Rates Answers. 7. 7. State Standards ... Common Core Investigations Ratios And Rates Answers. 2020-04-02. CC

Investigation 1: Ratios and Rates Understand the concept of a unit rate associated with a ratio $a : b$ with $b \neq 0$, and use rate

language in the context of a ratio relationship. Common Core Investigations Teacher's Guide Common Core students entering Grade 7 were introduced to ratios and rates, expressions and equations, integers, and volumes and nets of solids in Grade 6.

Ratios and Rates A unit rate is a comparison in which one of the numbers being compared is 1 unit. • If the cost of food is \$250 for 50 students, what is the cost per student? Connecting - Ratios and Rates To answer this question, you find the unit

rate. 2.1 Equal Shares. Introducing Unit Rates. Often we share food so that each person gets the same amount ... Common Core Investigations Ratios And Rates Answers (2022) Feb 23, 2023 — INVESTIGATION 1 Growing Patterns: Ratio and Equal

Groups. Common Core Additional Investigations - Century Middle. Finding Ratios and Unit Rate | Common Core Sheets Some

of the worksheets for this concept are Ratios rates unit rates, Ratios rates unit rates Common Core Investigations Ratios And Rates Answers ... Ratios ... Ratio and Proportional Relationships | Grade 6 Browse concepts and FlexBooks that are aligned to Common Core Math Standards. ... Recognize a statistical question as one that anticipates variability in the data ... Ratios, Rates, Unit Rates, and Debates! by JL Jensen · 2018 — This article presents one example of a four-corner debate, which focuses on classifying comparison quantities; the possibilities are a ratio, a ...