



June 27, 2007

County of El Dorado
Development Services Department
2850 Fairlane Court
Placerville, CA 95667
Attn: Mr. Greg Fuz, Director

Subject: Revised Proposal to Prepare Integrated Natural Resources Management Plan for El Dorado County

Dear Mr. Fuz:

SAIC is pleased to submit this revised time and materials (T&M) not to exceed (NTE) proposal to assist the County of El Dorado (County) with development of an Integrated Natural Resources Management Plan (INRMP) as required under County General Plan Policy 7.4.2.8. The approach in this proposal is based on the guidance provided to SAIC by the County Board of Supervisors at the April 30, 2007 Board meeting. The following sections describe the scope of work, changes in approach, schedule, cost estimate, and SAIC contacts.

A. Scope of Work for the El Dorado County Integrated Natural Resources Management Plan

The El Dorado County (County) Board of Supervisors (Board) directed SAIC to prepare a work plan for the development of an Integrated Natural Resources Management Plan (INRMP) as mandated under the 2004 El Dorado County General Plan. The Board directed that the INRMP follow the requirements of General Plan Policy 7.4.2.8. The INRMP will only include components required by the El Dorado County General Plan and would not include components necessary to meet the requirements of the Federal or California Endangered Species Acts or the California Natural Community Conservation Planning Act. General Plan Policy 7.4.2.8 requires that the INRMP be developed and implemented within 5 years and include a habitat inventory, habitat protection strategy, mitigation assistance, habitat acquisition, habitat management, monitoring, public participation, and funding components. The following describes SAIC's proposed scope of work to prepare the INRMP.

SAIC has provided the County with a separate scope of work to prepare a Rare Plant Conservation Plan Memorandum of Understanding (MOU) that addresses the eight species of gabbro soil dependent plants found in the County (El Dorado bedstraw, Pine Hill ceanothus, Pine Hill flannelbush, Stebbin's morning-glory, Layne's butterweed, Red Hills soaproot, El Dorado mule-ears, and Bisbee Peak rush-rose). Information necessary to address these plant species in

the INRMP will be developed in the Rare Plant Conservation Plan MOU and then incorporated into the INRMP. SAIC's work effort regarding inventory and conservation of these eight plant species is not included in the scope of work and cost estimate provided here for the INRMP.

Task 1. Project Management

Subtask 1.1 Project Administration and Coordination

The SAIC project manager and principal will coordinate with the County's INRMP Management Team on a regular basis. The Management Team consists of County staff responsible for the development of the INRMP document and supporting documents and staff from other agencies that the County may decide to include in the process.

SAIC will provide the Management Team with a Communications and Management Plan that reflects the framework for communication and coordination with the Management Team and the Board. The Communications and Management Plan will describe processes for information management and quality control and will include a project schedule and contact list. Based on our experience, we recommend that the Management Team identify a Point of Contact (POC) that will provide SAIC with direction on behalf of the Management Team and with whom the SAIC project manager will work directly to manage day-to-day implementation of the work. Under this task, SAIC's project manager will maintain regular contact via email and telephone with the POC to ensure the proper implementation of this scope of work and the contract.

This Work Plan assumes that the County is responsible for maintaining the administrative record in accordance with any applicable laws and regulations.

Subtask 1.2 Project Monitoring and Progress Reports

SAIC's project manager will monitor expenditures relative to task budgets, progress, and schedules. SAIC will prepare project progress reports with invoices on a four-week-period basis to document deliverables provided and accomplishments during the previous four-week period. Progress reports will also identify any issues arising during the reporting period that could affect the scope, budget, or schedule. To maintain the project schedule, we will provide the POC with possible options for addressing issues identified in progress reports to facilitate rapid decision making.

Subtask 1.3 Meetings

The project manager or principal and technical staff as needed will attend regularly scheduled and, as needed, specially called meetings with the POC, Management Team, Board, Planning Commission, and INRMP committees.

Over the estimated 23 month term of the contract, SAIC will attend up to 70 meetings with an average of up to 2 staff per meeting. These meetings would support efforts under all tasks described in this scope of services. Conference calls lasting more than one hour are considered meetings under this subtask. In person meetings are assumed will be held at the County offices

and meeting rooms in Placerville, at Federal or State resource agency offices in Sacramento or Folsom, and at SAIC offices in Sacramento. The County will be responsible for preparing and distributing meeting minutes or summaries.

Deliverables:

- Communications and Management Plan (1)
- Four-week project status reports (25)

Assumptions:

- SAIC will attend up to 70 meetings with an average of up to 2 staff per meeting
- Conference calls lasting more than one hour are considered meetings under this subtask.
- In person meetings are assumed will be held at the County offices and meeting rooms in Placerville, at Federal or State resource agency offices in Sacramento or Folsom, and at SAIC offices in Sacramento.
- The County will be responsible for preparing and distributing meeting minutes or summaries.
- SAIC assumes that support of this task will not exceed 1304 hours of SAIC labor.

Task 2. Assist with Formation of Committees and Coordinate with Agencies

Under this task, SAIC will assist the County in the formulation of the Stakeholder Committee and the Plant and Wildlife Advisory Committee (PAWTAC). SAIC will also coordinate with Federal and state resource agencies as required under the General Plan Policy 7.4.2.8.

Subtask 2.1 Coordinate with Federal and State Resource Agencies

The General Plan requires that the INRMP “be developed with and include provisions for...informal consultation with local, state, and federal agencies having jurisdiction over natural resources within the county.” SAIC will coordinate with the U.S. Fish and Wildlife Service (FWS), Bureau of Land Management (BLM), California Department of Fish and Game (DFG), and California Department of Forestry and Fire Protection (CDF) to request assistance in the identification of resources over which these agencies have jurisdiction and in the identification of appropriate techniques for the conservation of these resources. Coordination via telephone conversations and email messages are included in this task.

All meetings with these agencies are included under subtask 1.3.

Subtask 2.2 Assist in Formation of Stakeholder Committee

SAIC will coordinate with the Management Team as they organize an INRMP Stakeholder Committee. SAIC will work with the Management Team and Board to recommend stakeholder groups and potential representatives for those groups. The role of the Stakeholder Committee will be to review draft deliverables and provide recommendations regarding Board decisions that

will drive the INRMP development process. SAIC will incorporate Stakeholder Committee recommendations as directed by the Management Team into the draft documents.

Organizations and interest groups that may want to be represented on the Stakeholder Committee could include developer interests, agricultural organizations, land owners environmental groups, recreational interests, land conservancies, local agencies, etc.

All meetings with the Stakeholder Committee are included under subtask 1.3.

Subtask 2.3 Assist in Formation of Plant and Wildlife Technical Advisory Committee

The Board has requested that the Management Team establish the Plant and Wildlife Technical Advisory Committee (PAWTAC). SAIC will coordinate with the Management Team as they identify candidates for membership on the PAWTAC and organize formulation of this committee. Members of the PAWTAC would be individuals with local expertise in botany, wildlife biology, ecology, and natural resources management. The role of PAWTAC will be to advise SAIC in the development of technical biological elements of the INRMP (e.g., habitat inventory and habitat conservation strategy).

All meetings with the PAWTAC are included under subtask 1.3.

Deliverables:

- none

Assumptions:

- County will be responsible for formation of the Stakeholder Committee with only advisory support from SAIC.
- County will be responsible for formation of the PAWTAC with only advisory support from SAIC.
- SAIC assumes that support of this task will not exceed 290 hours of SAIC labor.

Task 3. Public Involvement Program

The General Plan requires that the INRMP “be developed with and include provisions for public participation...” SAIC subcontractor Kearns & West will lead the development and implementation of the Public Participation Program. Kearns & West proposes to create a Public Participation Program to inform the local community of INRMP developments, solicit ideas and information regarding the relevant issues, and build support for the INRMP. This Program will involve public outreach workshops and will convey pertinent INRMP information to the community through newsletters, press releases, and a website.

The Public Participation Program will support the development of the INRMP by:

- keeping the local community informed about process, schedule, and developments, and assuring dissemination of accurate and easily digestible information;
- creating a knowledgeable and involved local community to support a well-rounded INRMP that includes valuable local input; and
- encouraging public support of the INRMP based on the local sense of understanding, ownership, and some degree of participation in the development process.

Kearns & West and SAIC will collaborate with the Management Team to design a customized Public Participation Program. We anticipate the following subtasks in support of the INRMP development.

Subtask 3.1 Prepare Public Participation Plan Preparation

In collaboration with the Management Team, Kearns & West will define the public involvement process to clarify objectives, scope, schedule, methods, and deliverables. During these discussions, Kearns & West and SAIC will work with the Management Team and Stakeholder Committee to identify specific community organizations and stakeholders to target for the public involvement component and to refine the proposed approaches. Kearns & West will prepare a draft and, following Management Team review, a final Public Participation Plan.

Subtask 3.2 Conduct Public Outreach Support

The dissemination of public information is crucial to the success of the Public Participation Program. During INRMP development, Kearns & West will:

- prepare up to six (6) newsletters,
- develop and update a project website with timely content and public documents,
- publish and update the events calendar, and
- prepare up to four (4) press releases.

Website updates would be quarterly (if necessary) through the anticipated 3 year process of developing the INRMP. In partnership with the Management Team, Kearns & West will work to define the content and messages and will design the materials in an accurate and captivating manner.

Subtask 3.3 Conduct Public Outreach Workshops

Public workshops will be conducted to help ensure community support of the INRMP. We propose two public outreach workshops timed and located to attract people from communities directly affected by the INRMP. These workshops would inform, solicit input, and build support from the public. Prior to the workshops, Kearns & West will conduct outreach to draw attendees, provide schedule notification, and explain the format and objectives of the workshops.

Public Outreach Workshop #1: INRMP Process Introduction. The first workshop will introduce the INRMP development process and will provide a broad overview of the process, including the rationale for preparing an INRMP and the objectives, scope, and schedule. This workshop will serve to educate and involve the public in the process by helping residents

understand what information resources are available to them and how they can most effectively participate in the INRMP process. The workshop will provide an opportunity for residents to learn about the local habitat and environmental issues. The workshop would be linked to outdoor events to allow for first-hand public experience with El Dorado County's natural resources considered by the INRMP. The structure of the workshop will be informative and educational, with an emphasis placed on experiential learning through interactive exhibits, site tours, and hikes.

Public Outreach Workshop #2: INRMP Progress Update. The primary purpose of the second workshop will be to update the community on the INRMP process. This workshop will be held after substantial progress has been made on the INRMP and before the official public draft INRMP is complete. At the workshop, progress to date and future process information will be shared. Questions will be discussed and stakeholder ideas and comments will be recorded. The comments and ideas identified will be input into an issue-tracking matrix and provided to the Management Team and Board for use in further development of the INRMP.

Deliverables:

- Draft and Final Public Participation Plan (MS Word file via email to the POC)
- Up to six (6) Newsletters (Adobe PDF format files ready for publication to POC)
- Up to four (4) Press Releases (Adobe PDF format files ready for publication to POC)
- Project website set up and up to six (6) project website updates
- Public outreach work shop presentation materials for two workshops

Assumptions:

- Reproduction and distribution of all newsletters and press releases will be the responsibility of the County.
- Costs for website hosting and 3rd party website design will be paid for by the County.
- Costs associated with securing and using rooms for public workshops will be paid for by the County as well as any other expenses (e.g., food or beverages).
- Assumes costs for outdoor events, equipment rental and other potential workshop logistical costs will be paid for by the County.
- SAIC assumes that support of this task will not exceed 198 hours of SAIC labor.

Task 4. Determine Planning Area

Subtask 4.1 Identify Planning Area Options

SAIC will work the Management Team, Board, Stakeholder Committee, and PAWTAC to identify the appropriate extent of the INRMP Planning Area. SAIC will develop up to three Planning Area options for review. These options will be based on the following considerations:

- geographic scope of land use issues expected to be addressed under the INRMP;
- distribution of vegetation communities in the County;

- relative costs that would be associated with development of the INRMP at different geographic scales;
- distribution of special-status species; and
- opportunities and constraints for conserving natural habitats at each of the geographic scales.

SAIC will prepare a draft and final technical memorandum describing three possible Planning Areas and the advantages and disadvantages that would be associated with each of the Planning Areas. This memorandum will provide the information necessary for the Board to select a final Planning Area that will provide the basis for development of the INRMP. Depending on when the Stakeholder Committee and PAWAC are established, the Management Team may request that SAIC prepare the Planning Area options memorandum before these bodies are formulated for their subsequent review once these bodies are established.

Subtask 4.1 Identify Planning Area

Once the Board has selected the Planning Area, SAIC will prepare a GIS data coverage with the Planning Area boundary. SAIC will create a map graphic depicting the adopted Planning Area and provide to the Management Team.

To develop this Work Plan and cost estimate we have assumed that the Planning Area encompasses the western slope of the County up to 4,000 feet in elevation. All tasks described in this work plan are based on this assumption. Adoption of a Planning Area that encompasses additional area or a different area would require modification of the scope and costs of the Work Plan.

Deliverables:

- Draft Planning Area Options Memorandum (Adobe PDF format via email to the Management Team)
- Final Planning Area Options Memorandum (Adobe PDF format via email to the Management Team)
- Planning Area boundary on GIS map graphic (Adobe PDF format via email to Management Team)

Assumptions:

- To develop this Work Plan and cost estimate we have assumed that the Planning Area encompasses the western slope of the County up to 4,000 feet in elevation.
- SAIC assumes that support of this task will not exceed 49 hours of SAIC labor.

Task 5. Habitat Inventory

General Plan Policy 7.4.2.8 requires a “Habitat Inventory.” Policy 7.4.2.8 states that the “INRMP shall inventory and map the following important habitats in El Dorado County:

1. Habitats that support special status species;
2. Aquatic environments including streams, rivers, and lakes;
3. Wetland and riparian habitat;
4. Important habitat for migratory deer herds; and
5. Large expanses of native vegetation.”

Under this task, SAIC will prepare the draft and final Habitat Inventory for the INRMP.

Subtask 5.1 Draft and Final Habitat Inventory Report

The Board has concluded that resource mapping and GIS data capture conducted in development of the separate El Dorado County Oak Woodland Management Plan (OWMP) is sufficient for use as the primary component of the habitat GIS database for the INRMP. SAIC will gather additional existing GIS data on ecological resources in the planning area (such as soils, streams, wetlands, watersheds, floodplains, land use). Under this scope of work, SAIC assumes that no additional vegetation, habitat, or land cover GIS data capture will be necessary for development of the INRMP. SAIC will initiate work on the Habitat Inventory using existing GIS data from the OWMP and other available sources. Because the INRMP is a unique process, there is no precedent for habitat mapping standards. We anticipate that the PAWTAC, Stakeholder Committee, and Board will evaluate the data gathered by SAIC and determine if it meets the INRMP needs as each group interprets the General Plan. Should these groups determine that the data prove less than sufficient for the INRMP, SAIC, at the direction of the Management Team, would develop a scope of work and cost estimate to conduct the data development needed to meet the desired scope and resolution of the inventory. Any new habitat or other resource inventory and GIS data capture by SAIC would be conducted under a separate scope of work at additional cost.

SAIC will prepare a draft Habitat Inventory chapter of the INRMP that includes descriptions of:

- habitats that support special-status species
- aquatic environments including streams, rivers, and lakes
- wetland and riparian habitat
- important habitat for migratory deer herds
- large expanses of native vegetation

Special-status species are assumed to be those species identified in the 2004 El Dorado General Plan Environmental Impact Report (GP EIR) as special-status species that occur within the INRMP Planning Area. In the Habitat Inventory, SAIC will describe the habitat requirements of each special-status species in a brief species profile. The distribution of habitat for each special-status species will be identified based on the existing vegetation mapping and other sources of ecological information such as streams, soils, and land use data. Information contained in the GP EIR will be used to the maximum extent possible. Note that information on the eight species of gabbro soil plants will be address in the separate Rare Plant Conservation Plan MOU.

Information for these plant species from the MOU will be incorporated into the INRMP Habitat Inventory.

The ecological value of streams, rivers, and lakes will be described in the draft Habitat Inventory. Locations of streams, rivers, and lakes will be derived from existing data sources, including U.S. Geological Survey (USGS) digital streams data and CALWATER GIS watershed data.

The ecological value of wetland and riparian habitats will be described in the draft Habitat Inventory. Locations of wetland and riparian habitats will be derived from existing data sources, including the DFG's Central Valley Wetlands and Riparian data set, DFG's Central Valley Vernal Pool Habitat GIS data, and USFWS's National Wetland Inventory.

Important habitat for migratory deer herds will be described in the draft Habitat Inventory. Locations of deer migration corridors and important foraging habitat will be derived from existing data sources, including DFG data and local available data.

Large expanses of native vegetation will be described in the draft Habitat Inventory. Locations of large expanses of native vegetation will be derived from the existing OWMP GIS vegetation data supplemented by other data sources.

SAIC will provide the draft Habitat Inventory (via email and the INRMP website as a pdf file) to the Management Team, Stakeholder Committee, PAWTAC, and Board for review. The draft Habitat Inventory will be in the form of a chapter of the INRMP. SAIC will provide a standard form for input of comments on the draft document. SAIC will assemble and collate comments from all standard comment forms into a single list of comments.

SAIC will work with the Management Team and committees to revise the Habitat Inventory based on the comments received. A final Habitat Inventory Report will be prepared following approval of all changes to the draft; the report will be in the form of a chapter for the INRMP.

Subtask 5.2 Conduct Field Reconnaissance Trips

To familiarize the SAIC team with the specific resources in the INRMP Planning Area, SAIC team members will conduct reconnaissance level field visits to accessible areas of habitat. SAIC will coordinate with land use managers (e.g., Bureau of Land Management, California Department of Parks and Recreation) to gain access to sites supporting representative habitat and to provide information on resources and resource management in the Planning Area during these visits.

Subtask 5.3 Coordinate with PAWTAC, DFG, and FWS

General Plan Policy 7.4.2.8 states that the habitat "inventory and mapping effort shall be developed with the assistance of the Plant and Wildlife Technical Advisory Committee, CDFG, and USFWS." SAIC will coordinate with the PAWTAC, DFG, and FWS as we develop the

Habitat Inventory and DFG and FWS will be provided the opportunity to review the draft Habitat Inventory Report.

Deliverables:

- Draft Habitat Inventory Report in form of chapter of INRMP (10 paper bound copies, 10 CD copies, Adobe PDF format via the SAIC FTP site)
- Final Habitat Inventory Report in form of chapter of INRMP (10 paper bound copies, 10 CD copies, Adobe PDF format via the SAIC FTP site)

Assumptions:

- SAIC assumes that no additional land cover data collection or GIS data capture will be necessary for development of the INRMP. Any new resources mapping and GIS data capture by SAIC would be conducted under a separate scope of work at additional cost.
- SAIC assumes that the County will provide to SAIC electronic files of the April 2004 digital natural color, orthorectified, aerial photography (2-foot pixel) of the western county; similar photography taken in July 2003 of the entire County; and any more recent digital photography of the Planning Area.
- SAIC assumes that the number of special-status fish and wildlife species described in the Habitat Inventory will not exceed 42 species.
- SAIC assumes that the number of special-status plant species described in the Habitat Inventory will not exceed 19 species (including the 8 gabbro soil plant species).
- SAIC assumes that all information for this task regarding the 8 gabbro soil plant species will be derived from SAIC's separate effort for the County in developing the Rare Plant Conservation Plan Memorandum of Understanding.
- SAIC assumes that support of this task will not exceed 803 hours of SAIC labor.

Task 6. Prepare Land Use Assessment

Subtask 6.1 Describe Projected Land Use

SAIC will review County planning documents and policies (e.g., the General Plan and any specific plans available) and coordinate with the County to identify planned and potential future development, infrastructure improvement and maintenance activities, and other types of planned activities that could affect natural habitat and special-status species. SAIC will use the General Plan Land Use Designations GIS data to summarize the areas of potential future development with habitats identified in the Habitat Inventory. SAIC will prepare a summary description of potential future land use in the Planning Area. This report will include a summary of the purpose, location, and extent of disturbance that could be associated with future land use categories; actions that will be implemented to undertake land use changes that could affect biological resources (i.e., impact mechanisms); and the anticipated schedule for growth and development in the Planning Area. Once identified, SAIC will create a GIS data layer of the projected area of disturbance associated with the projected land use. Water and infrastructure projects proposed by other entities (e.g., El Dorado Irrigation District) would be added to the

land use assessment if location information on such projects is provided to SAIC in digital GIS format.

Subtask 6.1 Assess Potential Affects on Biological Resources

SAIC will assess the affects of projected land use under the General Plan on special-status species and natural habitats in the Planning Area. Results of the affects assessment will be used to help guide development of habitat protection and mitigation strategies in the INRMP. The assessment will identify the likely direct, indirect, and cumulative affects of projected land use on biological resources. Wildlife Habitat Relationships (WHR) information will be used to assess the potential affects of projected land use on special-status species. SAIC will use existing information in the GP EIR to the greatest extent possible for this effects assessment. This analysis will describe the affects of land use changes on up to 42 fish and wildlife species and up to 19 plant species and the major natural habitat types in the Planning Area. Where there is existing appropriate GIS data, SAIC will quantify the effects, otherwise the analysis will be qualitative and in narrative form.

Subtask 6.3 Prepare Draft and Final Land Use Assessment Report

We will prepare a draft Land Use Assessment Report for review by the Management Team, Stakeholder Committee, and Board. The report will be formatted as a chapter of the INRMP. SAIC will prepare a compiled list of comments received from all reviewers. Following review of the draft report, SAIC will prepare the final Land Use Assessment as a chapter of the INRMP. We will provide the POC with 10 paper bound copies and 10 CD copies of the draft and final reports and will provide them electronically via the SAIC FTP site in Adobe PDF format.

Deliverables:

- Draft Land Use Assessment Report formatted as a chapter of the INRMP (10 bound paper copies, 10 CD copies, Adobe PDF format via the SAIC FTP site)
- Final Land Use Assessment Report formatted as a chapter of the INRMP (10 bound paper copies, 10 CD copies, Adobe PDF format via the SAIC FTP site)

Assumptions:

- County will provide SAIC with the General Plan Land Use Designations GIS data coverage.
- SAIC assumes that support of this task will not exceed 612 hours of SAIC labor.

Task 7. Develop INRMP Conservation Strategy

Under this task, SAIC will develop the various components of the INRMP conservation strategy. General Plan Policy 7.4.2.8 required components for the INRMP are:

- Habitat Protection Strategy
- Mitigation Assistance
- Habitat Acquisition

- Habitat Management
- Monitoring

Subtask 7.1 Develop Goals and Objectives

SAIC will work with the Management Team, PAWTAC, Stakeholder Committee, and Board to develop biological goals and objectives for habitats and species under the INRMP. SAIC will prepare a list of draft goals and objectives for review. Following review by the Management Team, PAWTAC, Stakeholder Committee, and Board, SAIC will finalize the biological goals and objectives. These goals and objectives will drive the development of all components of the conservation strategy.

Subtask 7.2 Coordinate with Oak Woodland Management Plan

The County desires to implement Option B of General Plan Policy 7.4.4.4 and, therefore, needs to have the OWMP completed well before completion of the INRMP. The OWMP is being prepared for the County by another contractor independent of the INRMP development on an accelerated schedule. The timing as well as the content of the OWMP is critical because it will affect how the INRMP conservation strategy will be formulated. SAIC will coordinate with the OWMP contractor to incorporate Oak Woodland conservation measures into the INRMP and to ensure consistency between the INRMP and the OWMP. It is assumed that the OWMP will be substantially complete prior to initiation of preparation of the INRMP.

Subtask 7.3 Develop Habitat Protection Strategy

General Plan Policy 7.4.2.8 requires the development of “a strategy for protecting important habitats based on coordinated land acquisitions (see *Habitat Acquisition Program*, below) and management of acquired land.” The Policy further states that the “goal of the strategy shall be to conserve and restore contiguous blocks of important habitat to offset the effects of increased habitat loss and fragmentation elsewhere in the county.” SAIC will develop a Habitat Protection Strategy as part of the INRMP Conservation Strategy that is integrated with the Habitat Acquisition Program (see Subtask 8.3).

Working the PAWTAC and Stakeholder Committee, SAIC will develop principles and guidelines for establishing the INRMP preserves (i.e., lands that will be protected and managed under the INRMP). The preserve system design guidelines will provide landscape-level conservation. These preserve system design guidelines will address such parameters as the appropriate size, locations, and landscape position relative to other habitats for the establishment of preserves. To help establish these guidelines, we will identify species whose key habitat parameters (e.g., minimum patches of preserved lands that can serve as functional habitat) encompass the habitat of a much larger number of species. Thus, designing preserves that meet the needs of these broad ranging species will also meet the needs of species that use similar habitats. Other parameters for preserve design will focus on preserving a sufficient extent of specific habitats or habitat components that are exceptionally rare or fragile such as the gabbro soils or vernal pool terrain. In formulating conservation measures, we will look for opportunities to design the preserves to complement and augment the values provided by existing preserved

lands (e.g., the Pine Hill rare plant preserves, Spivey Pond management area) and sensitive habitat areas (e.g., designated critical habitat for California red-legged frog, deer habitat and migration corridors).

Conservation measures will be developed to conserve each of the major natural habitats. These community-level conservation measures will address ecosystem functions necessary to sustain each natural habitat and will also provide for the protection of habitats for the special-status species associated with each of the habitats.

The habitat protection strategy will provide specific conservation measures for addressing the adverse affects of construction of major linear projects (e.g., new 4- and 6-land roadways) that create barriers to wildlife movement.

The Oak Woodland Management Plan is being developed independently and ahead of the INRMP. SAIC will draw relevant landscape-level and oak woodland community-level conservation measures from the Oak Woodland Management Plan and will incorporate them into the proposed habitat protection strategy.

Subtask 7.4 Develop Mitigation Assistance Program

Policy 7.4.2.8 requires that the INRMP “establish a program to facilitate mitigation of impacts to biological resources resulting from projects approved by the County that are unable to avoid impacts on important habitats.” SAIC will prepare standard mitigation measures applicable to habitats and species that are the focus of the INRMP. As applicable, we will use mitigation approaches from the GP EIR to the greatest extent possible. We will describe an approach to mitigation that will streamline the process of County approval of projects. This program will include such tools as mitigation banks, lists of potential mitigation options, and incentives for developers and landowner to participate in the habitat acquisition and management components of the INRMP.

Subtask 7.5 Develop Habitat Acquisition Program

Policy 7.4.2.8 requires the development of a program for identifying habitat acquisition opportunities involving willing sellers in coordination with the Habitat Protection Strategy and the Mitigation Assistance Program. SAIC will develop a habitat acquisition program under the INRMP that allows for land acquisition to meet the goals of the Habitat Protection Strategy and Mitigation Assistance Program.

The Habitat Acquisition Program would include acquisition in fee title or through conservation easement designed to protect the core habitat values of the land while allowing other uses by the fee owner. The Program will identify opportunities for partnerships between the County and other organizations for habitat acquisition and management. The Program will include a process for evaluating properties for acquisition including the identification of specific features of the property as a means for assessing the relative conservation value of the property. A system for ranking properties for acquisition may be developed. High value wildlife movement corridors will be given specific consideration.

Subtask 7.6 Develop Habitat Management Program

Policy 7.4.2.8 requires that “each property or easement acquired through the INRMP should be evaluated to determine whether the biological resources would benefit from restoration or management actions.” SAIC will develop a Habitat Management Program that describes the required contents of preserve specific habitat management plans. This Program will provide specific guidance for those individuals responsible for future implementation of the INRMP. Required management plan contents may include: exotic species control, habitat enhancement and restoration, removal of barriers to fish and wildlife movement, enhancement of wildlife movement corridors, control of erosion and sediment deposition, and enhancement or mimicking of natural processes (i.e., fire).

The Habitat Management Program will include a strong adaptive management component that addresses processes and procedures for adjusting INRMP implementation based on new information learned through results of effectiveness monitoring conducted under the INRMP and research results by others.

Subtask 7.7 Develop Monitoring Program

Policy 7.4.2.8 requires that the INRMP “include a habitat monitoring program that covers all areas under the Ecological Preserve overlay together with all lands acquired as part of the INRMP.” SAIC will describe a Monitoring Program that outlines the requirements for community-wide, habitat-level, and species-level monitoring. The Monitoring Program will provide guidance for the contents of preserve-specific monitoring plans. The Monitoring Program will include requirements for measurable performance standards, monitoring protocols and schedules, and regular reporting of results. The Monitoring Program will provide for effects monitoring, implementation monitoring, and effectiveness monitoring. Effects monitoring will be identified for land uses for which there are uncertainties about the type and extent of effects on biological resources. Implementation monitoring would be required to document the implementation of conservation measures and compliance with the Habitat Mitigation Assistance Program. Effectiveness monitoring would be required to determine the response of species and natural habitats to implementation of conservation measures. A key purpose of effectiveness monitoring would be to provide the information necessary to adaptively implement the strategy over the term of the INRMP. Monitoring would be required to specifically inform the Habitat Management Program to allow for adaptive management.

Existing monitoring programs (e.g., at Spivey Pond and the Pine Hill Preserve) would be incorporated into the INRMP, as appropriate, or used to guide the requirements of the INRMP for the same resources.

Subtask 7.8 Prepare Draft and Final Conservation Strategy

SAIC will prepare a first draft Conservation Strategy Report for review by the Management Team, Stakeholder Committee, PAWTAC, and Board. The report will be formatted as a chapter of the INRMP. SAIC will prepare a compiled list of comments received from all reviewers. Following review of the first draft report, SAIC will prepare a second draft Conservation

Strategy Report for review by the same groups. Following review of the second draft report, SAIC will prepare the final Conservation Strategy Report formatted as a chapter of the INRMP.

We will provide the POC with 10 paper bound copies and 10 CD copies of the first draft, second draft, and final reports and will provide them electronically via the SAIC FTP site in Adobe PDF format.

Deliverables:

- First Draft Conservation Strategy Report (10 bound paper copies, 10 CD copies, Adobe pdf file via the SAIC FTP site, posted on the INRMP web page)
- Second Draft Conservation Strategy Report (10 bound paper copies, 10 CD copies, Adobe pdf file via the SAIC FTP site, posted on the INRMP web page)
- Final Conservation Strategy Report (10 bound paper copies, 10 CD copies, Adobe pdf file via the SAIC FTP site, posted on the INRMP web page)

Assumptions:

- The number of special-status fish and wildlife species assessed in the conservation strategy will not exceed 42 species.
- The number of special-status plant species assessed in the conservation strategy will not exceed 19 species (including the 8 Gabbro soil plant species).
- SAIC assumes that support of this task will not exceed 1367 hours of SAIC labor.

Task 8. INRMP Implementation Cost

Subtask 8.1 Determine INRMP Implementation Costs

SAIC has included ENTRIX as a subcontractor for their expertise in economic analysis of local government planning efforts. ENTRIX economists will work closely with SAIC and the Management Team in the preparation of the INRMP implementation cost analysis. Implementation costs for a long-term INRMP are expected to involve four primary categories of activities:

- Land acquisition
- Restoration and enhancement of habitat
- Monitoring and management
- Administration of Implementation

We will assess the costs of these INRMP activities as needed to support the development of the conservation fund program required under the General Plan Policy 7.4.2.8 and mitigation funding required under General Plan Policy 7.4.1.6.

ENTRIX will conduct research on current and projected future land values and will compile land value data across the spectrum of habitat types in the Planning Area. ENTRIX and SAIC will prepare a draft and, following review by the Management Team and Stakeholder Committee, a

final Land Values Analysis Technical Memorandum to support the Habitat Protection Strategy, Mitigation Assistance Program, and Habitat Acquisition Plan.

SAIC and ENTRIX will prepare a draft INRMP Implementation Cost Report. This report will provide a description of estimated costs for implementing components of the INRMP. Following review by the Management Team, Stakeholder Committee, PAWTAC, and Board, SAIC will prepare a final Implementation Cost Report in the form of a chapter of the INRMP.

Deliverables:

- Draft Land Values Analysis Technical Memoranda (pdf file via email to POC)
- Final Land Values Analysis Technical Memoranda (pdf file via email to POC)
- Draft Implementation Cost Report in form of chapter of INRMP (pdf file via email to POC)
- Final Implementation Cost Report in form of chapter of INRMP (pdf file via email to POC)

Assumptions:

- SAIC assumes that support of this task will not exceed 172 hours of SAIC labor.

Task 9. Conservation Funding

Policy 7.4.2.8 requires that the County to “develop a conservation fund to ensure adequate funding of the INRMP, including habitat maintenance and restoration.” SAIC and ENTRIX will work with the Management Team, Stakeholder Committee, and Board to develop a conservation funding approach for the INRMP.

Subtask 9.1 Conservation Funding Sources and Strategies

Based on the estimated total costs identified in the INRMP Implementation Cost Report, SAIC and ENTRIX will work with the Management Team, Stakeholder Committee, and Board to develop a conservation funding approach for the INRMP. Funding requirements would include funds for one-time and on-going preserve land acquisition, habitat restoration and enhancement measures, monitoring and management, and plan administration. One-time costs and on-going costs would be separated to allow for assessment of the different funding requirements for one-time and on-going activities. Land acquisition funding needs would be based on an assumed timing and composition of fee title, conservation easement, and other anticipated transactions. Based on total estimated costs, funding sources would be identified and evaluated in the context of their applicability to the INRMP. Funding sources considered will include grants, mitigation fees, and the County general fund. The analysis will evaluate the appropriate cost allocation among available funding sources.

ENTRIX economists will prepare a Potential Funding Sources Technical Memoranda containing text and tables that illustrate and describe potential funding approaches for INRMP

implementation. Following a decision by the Board on the preferred approach to funding, ENTRIX and SAIC will prepare a draft Conservation Funding Sources Report that will be formatted as the funding sources chapter to the INMRP. Following review of the draft Conservation Funding Sources Report by the Management Team, Stakeholder Committee, and Board, ENTRIX and SAIC will prepare a final Conservation Funding Sources Report in the form of the funding sources chapter for the INRMP.

Deliverables:

- Potential Funding Sources Technical Memoranda (pdf document via email to POC)
- Draft Conservation Funding Sources Report (pdf document via email to POC)
- Final Conservation Funding Sources Report (pdf document via email to POC)

Assumptions:

- SAIC assumes that support of this task will not exceed 54 hours of SAIC labor.

Task 10. Draft and Final INRMP

Under this task, the SAIC Team will prepare draft and final versions of the INRMP. The Rare Plant Conservation Plan MOU that will be prepared by SAIC and the County's consulting attorneys in parallel with INRMP development is anticipated to be completed before the INRMP. Provisions of the Rare Plant Conservation Plan MOU will be incorporated into the INRMP to address the eight gabbro soil plants.

Subtask 10.1 Administrative Draft INRMP

Following completion of the various component chapters, SAIC will prepare the administrative draft INRMP document. The draft INRMP will include the following chapters:

1. Introduction
 - a. Description of purpose and need
 - b. Geographic scope
2. Habitat Inventory
 - a. Habitat supporting special-status species
 - b. Aquatic environments including streams, rivers, and lakes
 - c. wetland and riparian habitat
 - d. Important habitat for migratory deer herds
 - e. Large expanses of native vegetation.
3. Land Use Assessment
 - a. Projected land use
 - b. Potential effects on biological resources
4. Conservation Strategy
 - a. Goals and objectives
 - b. Habitat protection strategy
 - c. Mitigation assistance program
 - d. Habitat acquisition plan

- e. Habitat management program
- f. Monitoring program
- 5. Implementation Costs
- 6. Conservation Funding Sources
- 7. Appendices (as necessary)

The administrative draft INRMP will be provided for review and comment to the Management Team, Stakeholder Committee, PAWTAC, and Board. SAIC will provide the administrative draft INRMP to the POC as 25 paper bound copies, 25 CD copies, and Adobe pdf format files via the SAIC FTP site.

Subtask 10.2 Public Draft INRMP

SAIC will provide standard electronic comment forms for the Management Team, Stakeholder Committee, PAWTAC, and Board to provide comments on administrative draft INRMP. SAIC will compile comments received into a single table of comments. SAIC will review comments with the Management Team prior to revising the administrative draft INRMP. Based on comments received on the administrative draft INRMP, SAIC will prepare a screen-check public review draft INRMP. SAIC will provide 5 paper copies and an electronic Adobe pdf format file of the screen-check draft to the POC. The purpose of the screen-check public draft INRMP is to allow for minor edits and corrections before the public draft INRMP is released to the public. It is anticipated that only the Management Team would need to review the screen-check document to ensure it is free of errors.

Following review of the screen-check document, SAIC will prepare the public draft INRMP to be released to the public by the County with the draft EIR. SAIC will provide the POC with a total of 80 paper bound copies and 100 CD copies of the public review draft INRMP and will provide these documents electronically via the SAIC FTP site in Adobe PDF format. The public review draft INRMP would also be posted on the web page.

Subtask 10.3 Final INRMP

Under this task SAIC will revise the public draft INRMP as necessary to reflect revisions identified during the public comment period on the public draft INRMP and draft EIR. Public comments on the INRMP will be compiled in conjunction with the compilation of public comment on the EIR. Based on public comments received and direction from the Management Team and Board as to how to address those comments, SAIC will prepare a screen-check final INRMP. SAIC will provide 5 paper copies and an electronic Adobe pdf format file of the screen-check final to the POC. It is anticipated that only the Management Team would need to review the screen-check document to ensure it is free of errors.

Following review of the screen-check document, SAIC will prepare the final INRMP to be released to the public by the County with the final EIR. SAIC will provide the POC with a total of 80 paper bound copies and 100 CD copies of the final INRMP and will provide these

documents electronically via the SAIC FTP site in Adobe PDF format. The final INRMP would also be posted on the web page.

Deliverables:

- Administrative draft INRMP (10 bound paper copies, 10 CD copies, Adobe PDF format via the SAIC FTP site)
- Screen-check public review draft INRMP (5 bound paper copies, Adobe PDF format via the SAIC FTP site)
- Public review draft INRMP (80 bound paper copies, 100 CD copies, Adobe PDF format via the SAIC FTP site)
- Screen-check final INRMP (5 bound paper copies, Adobe PDF format via the SAIC FTP site)
- Final INRMP (80 bound paper copies, 100 CD copies, Adobe PDF format via the SAIC FTP site)

Assumptions:

- Screen-check documents will receive only review for minor errors and will not require substantial changes in or additions to content. If substantial changes or additions are requested to screen-check documents, such changes would be conducted under a new scope of work at additional cost.
- SAIC assumes that support of this task will not exceed 680 hours of SAIC labor.

Task 11. Draft and Final EIR

SAIC will provide compliance documentation to address the County's obligations under the CEQA. The ensuing joint Environmental Impact Report (EIR) will address state specifications under CEQA and the CEQA Guidelines. The County's project under CEQA is the development and implementation of the INRMP. The EIR on the INRMP will address the project and will not revisit the issues already addressed in the General Plan EIR. Setting, impact analysis, and mitigation from the General Plan EIR will be incorporated by reference into the INRMP EIR.

Subtask 11.1 Notice of Preparation (NOP)

SAIC will prepare a Notice of Preparation (NOP) incorporating all required components defined by CEQA Guidelines Section 15082. The EIR will evaluate those specific actions resulting from the INRMP would affect environmental resources in the Planning Area; the EIR will not assess the way in which build-out of the General Plan would affected resources as these issues were addressed in the GP EIR. This approach is consistent with the guidance provided by the CEQA Guidelines Section 15125(d), identifying that the proposed actions of a regional plan be compared to the existing setting at the time the NOP is prepared.

The EIR scope of analysis will be crafted by completing an Environmental Checklist, as recommended in CEQA Guidelines Appendix G. The Checklist will follow accepted El Dorado County format, and/or revised as appropriate in consultation with County staff. The completed checklist will provide a summary of the proposed project, and preliminary analyses justifying project impacts as potentially significant, less than significant with mitigation, less than

significant, or no impact. The completed checklist will be circulated with the NOP, providing several advantages to El Dorado County:

- It will demonstrate why the scope of the EIR can be narrowed to potentially significant impacts and those that would be less than significant with mitigation, as required under CEQA Guidelines Section 15126.2.
- It can be included in the EIR as an appendix that satisfies discussion of all project impacts that would be less than significant, or would have no impact.
- It can define the potential EIR work plan, highlighting how the EIR will assess potentially significant impacts, and propose preliminary mitigation measures.
- It will provide the public a preliminary opportunity to evaluate the potential adequacy of the EIR. Public input on the NOP can be focused on issues/concerns that have not been considered in the checklist, minimizing the potential for extensive responses that may provide little constructive dialog.
- It will demonstrate El Dorado County's intent to provide a full disclosure of the proposed project's impacts, and illustrate the proactive, solution-oriented nature of the proposed project's environmental assessment.

The environmental checklist will be attached to the NOP. Based on a distribution list provided by El Dorado County, SAIC will send the NOP via email to appropriate elected officials, agencies stakeholders groups, and individuals. The NOP will as be posted on the project website. El Dorado County will be responsible for forwarding the NOP to the State Clearinghouse.

Subtask 11.2 Scoping Meeting and Report

SAIC will assist the County in undertaking a public scoping meeting during the NOP review period. One scoping meeting will be held. The location and time of the scoping meeting will be determined in consultation with the County. At the scoping meeting, SAIC will provide a power point presentation summarizing the proposed project and the findings of the Environmental Checklist. Scoping meeting signup sheets will be prepared to assist the County is developing a distribution list for the EIR notification list. Handouts, including 200 copies of the PowerPoint presentation will be provided to meeting participants and a page for the listener to identify their issues and comments responding to the materials discussed. The comment page will then be collected at the end of the meeting for consolidation with subsequent formal NOP comments into a Draft Scoping Report that will summarize the primary issues raised by the public. Following review by the Management Team, SAIC will prepare the Final Scoping Report.

Subtask 11.3 Administrative Drafts and Public Draft EIR

SAIC will prepare the Draft EIR for review by the public. The County would be the lead agency and would review all drafts of the document. To receive full input from the Management Team, Stakeholder Committee, and Board, SAIC anticipates preparing two administrative drafts of the EIR prior to the public review Draft EIR. The EIR will include analysis of the following resources topics:

- Land Use

- Public Services
- Transportation and Circulation
- Noise
- Socioeconomics and Environmental Justice
- Recreation
- Aesthetics and Visual Resources
- Air Quality
- Cultural Resources
- Agricultural Resources
- Biological Resources
- Hydrology and Water Quality
- Geology, Soils, and Hazards

Each of the environmental resource sections will contain the following information.

- **Environmental Setting.** The environmental setting for each issue area will be described, incorporating by reference information provided in the El Dorado County General Plan EIR.
- **Significance criteria.** Clear significance criteria and thresholds for significance will be developed for each resource topic based on standards used by the County and where necessary the CEQA Guidelines Appendix G, Environmental Checklist. Any significance criteria precedents in previous County environmental documents will be consulted and used as directed by County staff.
- **Impact Assessment.** Direct and indirect effects on each environmental resource will be analyzed relative to a long-term, programmatic level scenario. Adverse and beneficial impacts will be summarized in a Summary Impact Table and included at the end of the Executive Summary.
- **Mitigation Measures.** Mitigation measures will be developed for significant, adverse impacts. Mitigation measures will be designed to be consistent in form, design, and intent with EIRs previously prepared by the County, and revised as appropriate based on the SAIC Team's experience. Where "standard" mitigation measures appear to require substantial modification to address project-specific characteristics, SAIC will confer with County staff regarding the intended direction.

SAIC will prepare the Mitigation Monitoring and Reporting Plan (MMRP) consistent with County staff direction, in either a table or narrative format. At a minimum, the MMRP components will be listed after each required mitigation measure as follows:

- Plan Requirements for presenting measure compliance and when the plan would be prepared and presented;
- Timing for plan preparation and review/approval, including the agency responsible for reviewing and approving the plan; and
- Monitoring of the plan's implementation, including the agency responsible, the timing and duration (i.e., during project construction and/or operation).

Cumulative impacts will be assessed for each resource area consistent with CEQA Guidelines Section 15333, using a list of reasonably probable (i.e., pending, and approved but not built) projects provided by the County staff. The project's contribution to regional cumulative impacts will be emphasized, and mitigation identified where necessary to address a substantial contribution to a significant cumulative impact. Cumulative impacts will be summarized in a separate impact table to be included at the end of the Executive Summary of the EIR.

The alternative conservation strategies identified during the development of the INRMP will be used as alternatives in the EIR for comparison to the effects of the proposed INRMP conservation strategy. The EIR will include the analysis of a no project alternative (i.e., no regional INRMP) which will describe the environmental outcome in the absence of the regional habitat conservation strategy proposed under the INRMP. In the EIR, SAIC will assess the effects of the proposed project, the no-project alternative, and two conservation strategy alternatives.

SAIC will prepare a discussion of the proposed INRMP's potential consistency with all relevant County General Plan policies. SAIC staff will confer with County staff to identify the list of relevant policies for discussion. The EIR will include a section that addresses "other CEQA requirements." This section will include other analyses required by CEQA including: Significant and Unavoidable Impacts; Significant Irreversible Environmental Changes; Growth Inducement; and Environmentally Superior Alternative.

Subtask 11.4 Final EIR

Following the close of the public comment period on the Public Draft INRMP and Draft EIR, SAIC will prepare an Administrative Final EIR for County and USFWS review. SAIC assumes that the Final EIR will include integration of the Draft EIR text with any changes resulting from response to public comment. A Response to Comments appendix to the Final EIR will include all letters, e-mail, personal records, and meeting minutes of public comments. Each individual comment will be numbered for reference. The Response to Comments appendix is assumed would be a maximum of 500 pages. SAIC assumes that the conduct of this task would require response to no more than a total of 500 individual, non-redundant public comments in the Final EIR Response to Comments appendix. Following review of the administrative final EIR/EIS, SAIC will prepare the Final EIR for public distribution (100 CDs, 80 hard copies; estimated maximum of 250 pages).

Subtask 11.5 Public Meetings

The SAIC EIR manager will support County staff at the following public meetings:

- Public meeting on Public Draft EIR to take public comment.
- One public hearing with the Planning Commission
- One public hearing with the Board of Supervisors

Deliverables:

- Draft Scoping Meeting Presentation (Power Point file provided electronically)

- Final Scoping Meeting Presentation (Power Point file provided electronically; 200 hard copies of the presentation for distribution at the scoping meeting.
- Draft NOP and Environmental Checklist (10 bound paper copies, 10 CD copies, Adobe PDF format via the SAIC FTP site)
- Final NOP and Environmental Checklist (10 bound paper copies, 10 CD copies, Adobe PDF format via the SAIC FTP site)
- Draft and Final Scoping Report (10 bound paper copies, 10 CD copies, PDF file via email)
- First Administrative Draft EIR (10 hard copies; estimated maximum of 250 pages).
- Second Administrative Draft EIR (10 hard copies; estimated maximum of 250 pages).
- Draft EIR for public review (100 CDs, 80 hard copies; estimated maximum of 250 pages)
- Administrative Final EIR (10 hard copies; estimated maximum of 250 pages with maximum 500-page Response to Comments appendix).
- Final EIR (100 CDs, 80 hard copies; estimated maximum of 250 pages with maximum 500-page Response to Comments appendix)

Assumptions:

- SAIC assumes that the conduct of this task would require response to no more than a total of 500 individual, non-redundant public comments in the Final EIR Response to Comments appendix.
- SAIC assumes that support of this task will not exceed 2226 hours of SAIC labor.

General Assumptions

In addition to assumptions described for each scope task, for all tasks described in the above scope of work, SAIC makes the following general assumptions:

- To develop this Work Plan and cost estimate SAIC has assumed that the Planning Area encompasses the western slope of the County up to 4,000 feet in elevation. All tasks described in this work plan are based on this assumption. Adoption of a Planning Area that encompasses additional area or a different area would require modification of the scope and costs of the Work Plan. The resulting price increase or reduction would be dependent on the number and types of habitats and species addressed and the land uses included.
- Comments provided by the County and all participating agencies, panels, and committees will be consolidated and conflicting comments resolved before submittal to SAIC. Comments from all participating entities will be provided to SAIC by the County within 2 weeks of receipt of draft documents.
- For each deliverable listed that includes a review, there will be only a single comment cycle and any additional revisions would be considered to be for the subsequent deliverable (if there is a subsequent deliverable in the scope of the task). In the event of several comment cycles, a contract revision will be requested to increase funding for the additional scope of services.
- SAIC is not responsible for the accuracy or completeness of data and information provided to SAIC by the County or other parties that is used on any aspect of this project.

B. Changes in Approach to INRMP

The County Board of Supervisors directed SAIC to prepare this work plan under the assumption that the INRMP development process would follow only the requirements of General Plan Policy 7.4.2.8 and would not be prepared to meet the requirements of the Federal Endangered Species Act (ESA), California ESA, or California Natural Community Conservation Planning Act (NCCPA). The Board also indicated that they may decide at some future date to change the approach and purpose of the INRMP by changing the process from a County-only driven process to a regulatory process that may combine compliance with the Federal ESA, California ESA, and California NCCPA with the local County INRMP process. Such a decision would substantially affect the scope of SAIC's as presented in this work plan. Any change by the County to include Federal or California ESA or NCCPA compliance would require substantial re-scoping of SAIC's efforts and additional contract funding would be necessary.

C. Period of Performance and Schedule

The period of performance of this scope of work is August 1, 2007 to June 30, 2009. A summary of the schedule for the development of the INRMP and EIR by subtask is provided in Reference A. This schedule is based on a number of assumptions about the time required for entities outside of SAIC's control to perform various actions such as meetings dates and document review. This schedule is based on the following assumptions:

- County will provide SAIC with contract and notice to proceed on or prior to August 1, 2007. Should the notice to proceed occur after August 1, 2007, there will be a day-for-day slip in SAIC's responsibility as to schedule.
- The County will respond to all scheduled actions.
- Document review times, other than public reviews mandated under CEQA, by the County and all participating entities involved will be no more than 2 weeks.

D. Cost Estimate

The estimated costs for implementation the tasks described in the scope of work are presented in Reference B Cost Element Breakdown. SAIC labor rate schedule for years 2007-2009 are presented in Reference C. The costs estimates provided are predicated on the following assumptions:

- Tasks will be performed as per the timing of the schedule as presented in Exhibit 1 *Schedule* and will not slip to later times. Schedule slippage that results in performance of tasks in later years than anticipated by SAIC's schedule would require contract amendment.
- There will not be repeated stoppage and restarting of work by SAIC due to gaps in funding, County staff availability, or other reasons outside of SAIC's direct control.
- SAIC will have complete flexibility to use funds, within the total funded amount, for whichever tasks necessary and will be able to take advantage of efficiency in completing some tasks to fund work in other tasks needing additional effort on a time and materials basis.

- Work will be billed at the applicable labor rate, following the rate schedule provided in this section, for the year in which the work is conducted.

Additional details on costs by task and subtask and subcontractor costs can be provided upon request.

E. SAIC Contacts

We look forward to working with the County in developing this unique approach to natural resources conservation. If you have questions regarding the technical proposal you may contact Mr. Pete Rawlings at 916.949.6786 or Dr. Paul Cylinder at 916.730.1385.

The undersigned individual has the authority to bind SAIC to agreements and may be contacted during the proposal evaluation period. This proposal assumes that any award will include the clarifications and assumptions in this proposal, is subject to reaching mutually agreeable contract Terms and Conditions (T&Cs) and is good for thirty (30) days following submittal date.

Sincerely,
Science Applications International Corporation



Sheila B. Maglaque
Contracts Representative
Phone: (858) 826-5255

Enclosures:
Reference A – Summary Schedule
Reference B – Cost Element Breakdown
Reference C – Labor Rate Schedule

Reference A. El Dorado County INRMP Schedule by Quarter (Q)

Task/Subtask	2007		2008				2009	
	Q3 (1)*	Q4 (2)	Q1 (3)	Q2 (4)	Q3 (5)	Q4 (6)	Q1 (7)	Q2 (8)
1.0 Project Management								
1.1 Project Administration and Coordination								
1.2 Project Monitoring and Progress Reports (25)								
1.3 Meetings (70)								
2.0 Assist with Formation of Committees and Coordinate with Agencies								
2.1 Coordinate with Federal and State Resource Agencies								
2.2 Assist in Formation of Stakeholder Committee								
2.3 Assist in Formation of Plant and Wildlife Technical Advisory Committee								
3.0 Public Involvement Program								
3.1 Prepare Public Participation Plan Preparation								
3.2 Conduct Public Outreach Support								
3.3 Conduct Public Outreach Workshops								
4.0 Determine Planning Area								
4.1 Identify Planning Area Options								
4.2 Identify Planning Area								
5.0 Habitat Inventory								
5.1 Draft and Final Habitat Inventory Report								
5.2 Conduct Field Reconnaissance Trips								
5.3 Coordinate with PAWTAC, DFG, and FWS								
6.0 Prepare Land Use Assessment								
6.1 Describe Projected Land Use								
6.2 Assess Potential Affects on Biological Resources								
6.3 Prepare Draft and Final Land Use Assessment Report								
7.0 Develop Habitat Conservation Strategy								
7.1 Develop Goals and Objectives								
7.2 Coordinate with Oak Woodland Management Plan								
7.3 Develop Habitat Protection Strategy								
7.4 Develop Mitigation Assistance Program								
7.5 Develop Habitat Acquisition Program								
7.6 Develop Habitat Management Program								
7.7 Develop Monitoring Program								
7.8 Prepare Draft and Final Conservation Strategy								
8.0 INRMP Implementation Cost								
8.1 Determine INRMP Implementation Costs								
9.0 Conservation Funding								
9.1 Conservation Funding Sources and Strategies								
10.0 Draft and Final INRMP								
10.1 Administrative Draft INRMP								
10.2 Public Draft INRMP (includes CEQA public comment period)								
10.3 Final INRMP								
11.1 Draft and Final EIR								
11.1 Notice of Preparation (NOP)								
11.2 Scoping Meeting and Report								
11.3 Administrative Drafts and Public Draft EIR (includes CEQA public comment period)								
11.4 Final EIR								
11.5 Public Meetings								

* 2007 Q1 includes August and September only (assumes contract and notice to proceed on August 1, 2007).



SUMMARY

PROPOSAL TITLE: EL DORADO COUNTY INTEGRATED
NATURAL RESOURCES MANAGEMENT
PLAN (INRMP)
CUSTOMER: DSD, County of El Dorado
SAIC B&P NO.: 01-0236-71-2007-420
POP: 08/01/07 through 06/30/09

TASK	TASK / SUBTASK TITLES	TOTAL (CY2006 - CY2009)				
		HOURS	LABOR	ODCs	M&S	TOTAL EST. - TIME & MATERIALS
1.0	PROJECT MANAGEMENT					
	TOTAL - TASK 1.0	1,304.0	\$188,448	\$6,395	\$0	\$194,843
2.0	Assist with Formation of Committees and Coordinate with Agencies					
	TOTAL - TASK 2.0	290.0	\$42,308	\$0	\$0	\$42,308
3.0	Public Involvement Program					
	TOTAL - TASK 3.0	198.0	\$30,240	\$98	\$198,240	\$228,578
4.0	Determine Planning Area					
	TOTAL - TASK 4.0	49.0	\$5,678	\$179	\$0	\$5,857
5.0	Habitat Inventory					
	TOTAL - TASK 5.0	803.0	\$89,883	\$4,647	\$6,698	\$101,227
6.0	Prepare Land Use Assessment					
	TOTAL - TASK 6.0	612.0	\$65,625	\$1,792	\$2,419	\$69,836
7.0	Develop Habitat Conservation Strategy					
	TOTAL - TASK 7.0	1,367.0	\$168,158	\$977	\$3,629	\$172,763
8.0	Determine INRMP Implementation Cost					
	TOTAL - TASK 8.0	172.0	\$22,376	\$0	\$88,001	\$110,377
9.0	Conservation Funding					
	TOTAL - TASK 9.0	54.0	\$7,390	\$0	\$48,909	\$56,299
10.0	Draft and Final INRMP					
	TOTAL - TASK 10.0	680.0	\$86,250	\$13,065	\$0	\$99,315
11.0	Draft and Final EIR					
	TOTAL - TASK 11.0	2,226.0	\$297,790	\$18,060	\$0	\$315,850
	TOTAL - ALL TASKS	\$7,755	\$1,004,146	\$45,214	\$347,896	\$1,397,255

SAIC E&I BU COMMERCIAL RATES*Rates Effective: January 2006 through December 2010***FIXED LABOR RATES / HR**

POP START DATE: POP END DATE: (Abbreviated)		CY06 01/01/06 12/31/06	CY07 01/01/07 12/31/07	CY08 01/01/08 12/31/08	CY09 01/01/09 12/31/09	CY10 01/01/10 12/31/10
Labor Category						
Sr. Principal Consultant I	Sr. Prin Cons I	\$215.00	\$226.00	\$238.00	\$250.00	\$263.00
Sr. Principal Consultant II	Sr. Prin Cons II	\$210.00	\$221.00	\$233.00	\$245.00	\$258.00
Sr. Principal Consultant III	Sr. Prin Cons III	\$205.00	\$216.00	\$227.00	\$239.00	\$251.00
Principal Consultant I	Prin Cons I	\$195.00	\$205.00	\$216.00	\$227.00	\$239.00
Principal Consultant II	Prin Cons II	\$185.00	\$195.00	\$205.00	\$216.00	\$227.00
Sr. Program Manager I	Sr. Pgm Mgr I	\$175.00	\$184.00	\$194.00	\$204.00	\$215.00
Sr. Program Manager II	Sr. Pgm Mgr II	\$165.00	\$174.00	\$183.00	\$193.00	\$203.00
Sr. Program Manager III	Sr. Pgm Mgr III	\$155.00	\$163.00	\$172.00	\$181.00	\$191.00
Program Manager I	Pgm Mgr I	\$150.00	\$158.00	\$166.00	\$175.00	\$184.00
Program Manager II	Pgm Mgr II	\$140.00	\$147.00	\$155.00	\$163.00	\$172.00
Program Manager III	Pgm Mgr III	\$130.00	\$137.00	\$144.00	\$152.00	\$160.00
Sr. Project Manager	Sr. Proj Mgr	\$125.00	\$132.00	\$139.00	\$146.00	\$154.00
Project Manager	Proj Mgr	\$115.00	\$121.00	\$128.00	\$135.00	\$142.00
Sr. Consultant I	Sr. Cons I	\$145.00	\$153.00	\$161.00	\$170.00	\$179.00
Sr. Consultant II	Sr. Cons II	\$135.00	\$142.00	\$150.00	\$158.00	\$166.00
Sr. Consultant III	Sr. Cons III	\$125.00	\$132.00	\$139.00	\$146.00	\$154.00
Sr. Consultant IV	Sr. Cons IV	\$115.00	\$121.00	\$128.00	\$135.00	\$142.00
Sr. Consultant V	Sr. Cons V	\$110.00	\$116.00	\$122.00	\$129.00	\$136.00
Staff Consultant I	Staff Cons I	\$100.00	\$105.00	\$111.00	\$117.00	\$123.00
Staff Consultant II	Staff Cons II	\$95.00	\$100.00	\$105.00	\$111.00	\$117.00
Staff Consultant III	Staff Cons III	\$90.00	\$95.00	\$100.00	\$105.00	\$111.00
Staff Consultant IV	Staff Cons IV	\$85.00	\$90.00	\$95.00	\$100.00	\$105.00
Staff Consultant V	Staff Cons V	\$80.00	\$84.00	\$89.00	\$94.00	\$99.00
Associate Consultant I	Assoc Cons I	\$75.00	\$79.00	\$83.00	\$88.00	\$93.00
Associate Consultant II	Assoc Cons II	\$70.00	\$74.00	\$78.00	\$82.00	\$87.00
Associate Consultant III	Assoc Cons III	\$65.00	\$69.00	\$73.00	\$77.00	\$81.00
Associate Consultant IV	Assoc Cons IV	\$60.00	\$63.00	\$67.00	\$71.00	\$75.00
Associate Consultant V	Assoc Cons V	\$55.00	\$58.00	\$61.00	\$65.00	\$69.00
Technician I	Tech I	\$50.00	\$53.00	\$56.00	\$59.00	\$62.00
Technician II	Tech II	\$45.00	\$48.00	\$51.00	\$54.00	\$57.00
Technician III	Tech III	\$40.00	\$42.00	\$45.00	\$48.00	\$51.00
Technician IV	Tech IV	\$35.00	\$37.00	\$39.00	\$41.00	\$44.00
Sr. Project Administration I	Sr. Proj Admin I	\$95.00	\$100.00	\$105.00	\$111.00	\$117.00
Sr. Project Administration II	Sr. Proj Admin II	\$90.00	\$95.00	\$100.00	\$105.00	\$111.00
Sr. Project Administration III	Sr. Proj Admin III	\$85.00	\$90.00	\$95.00	\$100.00	\$105.00
Project Administration I	Proj Admin I	\$75.00	\$79.00	\$83.00	\$88.00	\$93.00
Project Administration II	Proj Admin II	\$65.00	\$69.00	\$73.00	\$77.00	\$81.00
Project Administration III	Proj Admin III	\$55.00	\$58.00	\$61.00	\$65.00	\$69.00
Project Administration IV	Proj Admin IV	\$45.00	\$48.00	\$51.00	\$54.00	\$57.00
Project Administration V	Proj Admin V	\$40.00	\$42.00	\$45.00	\$48.00	\$51.00

ODC and M&S Handling Charge**12.0%**

12.0%

12.0%

12.0%

12.0%

The above Labor Categories and Rates are for SAIC Personnel Only.