

CITY COUNCIL

For City Clerk's Use:

☐ **APPROVED** ☐ **DENIED**

Reso No. _____ File No. _____

Ord No. _____

Agenda Item No.: 7
Date: January 27, 2010

TO: Honorable Mayor and Members of the City Council
FROM: Michael Lowry, Fire Chief
SUBJECT: Consulting Agreement with Anchor Point Group, LLC

RECOMMENDATION:

It is requested that Council adopt Resolution No. 2010-14 authorizing the Mayor and City Clerk to execute a Consulting Agreement with the Anchor Point Group, LLC for the preparation of a comprehensive Community Wildfire Protection Plan (CWPP) for the Escondido wildland-urban interface area.

FISCAL ANALYSIS:

Funding for this consulting agreement will be paid by grant funds. The City was awarded \$185,000 from the American Red Cross 2007 Southern California Recovery, Planning and Assistance (RP&A) Program to enhance the City's Weed Abatement Program and to develop a comprehensive Community Wildfire Protection Plan (CWPP). There are no matching fund obligations for this grant. The City received \$92,500 in up-front funding from the Red Cross in October 2009 and another \$92,500 will be dispersed to the City in February 2010.

PREVIOUS ACTION:

On September 23, 2009, Council authorized the Fire Department to accept grant funding from the American Red Cross and authorized staff to use grant funds as follows:

- \$ 15,000 to augment funding for weed removal on City-owned parcels,
- \$ 25,220 to increase the Fire Department's Weed Abatement Officer's available hours, and
- \$144,780 to prepare the CWPP for Escondido

BACKGROUND:

At this time, staff is requesting approval to establish a consulting agreement not to exceed \$144,780 with the Anchor Point Group, LLC. The Anchor Point Group has completed similar CWPP's for two neighboring jurisdictions, the cities of Vista and San Marcos and has been deemed to be the most

appropriate organization to prepare a CWPP for the City of Escondido based upon their specialized knowledge and extensive experience in preparing similar plans for cities across the country.

The Anchor Point Group will work directly with Fire Department staff in a collaborative effort to assess local hazards and risks, facilitate stakeholder involvement and coordinate public outreach efforts. In addition to the CWPP document, Anchor Point will also provide working tools that can be used on an on-going basis to help reduce the risk and impact of a major wildfire event. Tools include interactive GIS files, Annual Work Plans, Pre-Attack Plans and an Individual Home Assessment Survey tool.

The CWPP will be completed over an eleven-month period, with an initial payment of 20% at the start of the project and thereafter, monthly payments to the end of the project. A detailed statement of work with an eleven-month timeline has been provided and is incorporated as Exhibit "A" to the consulting agreement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael Lowry", with a stylized flourish at the end.

Michael Lowry, Fire Chief

RESOLUTION NO. 2010-14

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ESCONDIDO, CALIFORNIA, AUTHORIZING THE MAYOR AND THE CITY CLERK TO EXECUTE, ON BEHALF OF THE CITY, A CONSULTING AGREEMENT WITH THE ANCHOR POINT GROUP, LLC FOR THE PREPARATION OF A COMMUNITY WILDFIRE PROTECTION PLAN (CWPP)

WHEREAS, on September 23, 2009, Council authorized the Fire Department to accept grant funding in the amount of \$185,000 from the America Red Cross 2007 Southern California Recovery, Planning and Assistance (RP&A) Program; and

WHEREAS, Council was advised a portion of the grant funds would be used for a comprehensive Community Wildfire Protection Plan (CWPP); and

WHEREAS, Anchor Point Group, LLC has completed similar CWPP's for two neighboring jurisdictions, the cities of Vista and San Marcos, and has been deemed to be the most appropriate organization to prepare a CWPP for the City of Escondido; and

WHEREAS, the City Council desires at this time, and deems it to be in the best public interest to execute a Consulting Agreement with Anchor Point Group, LLC to prepare a comprehensive Community Wildfire Protection Plan specifically for the Escondido wildland-urban interface areas.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Escondido, California, as follows:

1. That the above recitations are true.
2. That the Mayor and the City Clerk are hereby authorized to execute, on

behalf of the City, a Consulting Agreement ("Agreement") with Anchor Point Group LLC for the preparation of a Community Wildfire Protection Plan.

3. A copy of the proposed Agreement is attached to this Resolution as Exhibit "1," and is incorporated by this reference.



CITY OF ESCONDIDO
CONSULTING AGREEMENT

This Agreement is made this _____ day of _____, 20__.

Between: CITY OF ESCONDIDO
 a Municipal Corporation
 201 N. Broadway
 Escondido, California 92025
 Attn: Michael Lowry, Fire Chief
 760-839-5400
 ("CITY")

And: Anchor Point Group LLC
 3775 Iris Ave. Suite 2A
 Boulder, CO 80301
 Attn: Chris White
 877-621-3473
 ("CONSULTANT")

Witness that whereas:

- A. It has been determined to be in the CITY's best interest to retain the professional services of a consultant to prepare a comprehensive Community Wildfire Protection Plan; and
- B. The CONSULTANT is considered competent to perform the necessary professional services for CITY;

NOW, THEREFORE, it is mutually agreed by and between CITY and CONSULTANT as follows:

- 1. Services. The CONSULTANT will furnish all of the services as described in "Attachment A" which is attached and incorporated by this reference.
- 2. Compensation. The CITY will pay the CONSULTANT in accordance with the conditions specified in "Exhibit A" for a sum not to exceed \$144,780. Any breach of this Agreement will relieve CITY from the obligation to pay CONSULTANT, if CONSULTANT has not corrected the breach after CITY provides notice and a reasonable time to correct it.
- 3. Scope of Compensation. The CONSULTANT will be compensated for performance of tasks specified in "Exhibit A" only. No compensation will be provided for any other tasks without specific prior written consent from the CITY.

4. Duties. CONSULTANT will be responsible for the professional quality, technical accuracy, timely completion, and coordination of all reports and other services furnished by the CONSULTANT under this Agreement, except that the CONSULTANT will not be responsible for the accuracy of information supplied by the CITY.
5. Personnel. The performance of services under this Agreement by certain professionals is significant to the CITY. CONSULTANT will assign the persons listed on "Exhibit B," which is attached and incorporated by this reference, to perform the Services described in Paragraph 1, and will not add or remove persons from the list without the prior written consent of the CITY. If no designation is made, then CONSULTANT may not assign services without obtaining the advance written consent of the CITY. CONSULTANT will not subcontract any tasks under this Agreement without obtaining the advance written consent of the CITY.
6. Termination. Either CONSULTANT or the CITY may terminate this Agreement with thirty (30) days advance written notice.
7. City Property. All original documents, drawings, electronic media, and other material prepared by CONSULTANT under this Agreement immediately becomes the exclusive property of the CITY, and may not be used by CONSULTANT for any other purpose without prior written consent of the CITY.
8. Insurance.
 - a. The CONSULTANT shall secure and maintain at its own cost, for all operations, the following insurance coverage, unless reduced by the City Attorney:
 - (1) General liability insurance. Occurrence basis with minimum limits of \$1,000,000 each occurrence, \$2,000,000 General Aggregate, and \$1,000,000 Products/Completed Operations Aggregate; and
 - (2) Automobile liability insurance of \$1,000,000 combined single-limit per accident for bodily injury and property damage, unless waived as provided in 8(b) below; and
 - (3) Workers' compensation and employer's liability insurance as required by the California Labor Code, as amended, or certificate of sole proprietorship; and
 - (4) Errors and Omissions professional liability insurance with minimum coverage of \$1,000,000.
 - b. It is the parties' understanding that the use of a motor vehicle is not a primary subject of this Agreement. CONSULTANT acknowledges that operating a motor vehicle is outside the scope of this Agreement and occurs only at the convenience of the CONSULTANT. A waiver of automobile liability insurance is only effective if both sets of initials appear below, otherwise such insurance is required.

Acknowledged by CONSULTANT _____

Waiver appropriate by CITY _____
 - c. Each insurance policy required above must be acceptable to the City Attorney.
 - (1) Each policy must provide for written notice within no more than thirty (30) days if cancellation or termination of the policy occurs. Insurance coverage must be

provided by an A.M. Best's A- rated, class V carrier or better, admitted in California, or if non-admitted, a company that is not on the Department of Insurance list of unacceptable carriers.

- (2) All non-admitted carriers will be required to provide a service of suit endorsement in addition to the additional insured endorsement.
 - (3) Both the General Liability and the Automobile Liability policies must name the CITY specifically as an additional insured under the policy on a separate endorsement page. The CITY includes its officials, employees, and volunteers. The endorsement must be ISO Form CG 20 10 11 85 edition or its equivalent for General Liability endorsements and CA 20 01 for Automobile Liability endorsements.
 - (4) The General Liability policy must include coverage for bodily injury and property damage arising from CONSULTANT's work, including its on-going operations and products-completed operations hazard.
 - (5) The General Liability policy must be primary and noncontributory and any insurance maintained by CITY is excess.
- c. In executing this Agreement, CONSULTANT agrees to have completed insurance documents on file with the CITY within fourteen (14) days after the date of execution. Failure to comply with insurance requirements under this Agreement will be a material breach of this Agreement, resulting in immediate termination at CITY's option.
9. Indemnification. CONSULTANT (which in this paragraph 9 includes its agents, employees and subcontractors, if any) agrees to indemnify, defend, and hold harmless the CITY from all claims, lawsuits, damages, judgments, loss, liability, or expenses, including attorneys' fees, for any of the following:
- a. Any claim of liability arising out of the negligence or any acts or omissions of CONSULTANT in the performance of this Agreement;
 - b. Any personal injuries, property damage or death that CONSULTANT may sustain while using CITY-controlled property or equipment, while participating in any activity sponsored by the CITY, or from any dangerous condition of property; or
 - c. Any injury or death which results or increases by any action taken to medically treat CONSULTANT.
10. Anti-Assignment Clause. The CONSULTANT may not assign, delegate or transfer any interest or duty under this Agreement without advance written approval of the CITY, and any attempt to do so will immediately render this entire Agreement null and void.
11. Costs and Attorney's Fees. In the event that legal action is required to enforce the terms and conditions of this Agreement, the prevailing party will be entitled to reasonable attorneys' fees and costs.
12. Independent Contractor. CONSULTANT is an independent contractor and no agency or employment relationship, either express or implied, is created by the execution of this Agreement.
13. Merger Clause. This Agreement and its Attachments, if any, are the entire understanding of the parties, and there are no other terms or conditions, written or oral,

controlling this matter. In the event of any conflict between the provisions of this Agreement and any of its Attachments, the provisions of this Agreement must prevail.

14. Anti-Waiver Clause. None of the provisions in this Agreement will be waived by CITY because of previous failure to insist upon strict performance, nor will any provision be waived by CITY because any other provision has been waived, in whole or in part.
15. Severability. The invalidity in whole or in part of any provision of this Agreement will not void or affect the validity of any other provisions of this Agreement.
16. Choice of Law. This Agreement is governed by the laws of the State of California. Venue for all actions arising from this Agreement must be exclusively in the state or federal courts located in San Diego County, California.
17. Multiple Copies of Agreement/Counterparts. Multiple copies and/or counterparts of this Agreement may be executed, including duplication by photocopy or by computerized scanning device. Each duplicate will be deemed an original with the same effect as if all the signatures were on the same instrument. However, the parties agree that the Agreement on file in the office of the Escondido City Clerk is the copy of the Agreement that shall take precedence should any differences exist among copies or counterparts of the document.
18. Provisions Cumulative. The foregoing provisions are cumulative and in addition to and not in limitation of any other rights or remedies available to the CITY.
19. Notices to Parties. Any statements, communications or notices to be provided pursuant to this Agreement must be sent to the attention of the persons indicated below. Each party agrees to promptly send notice of any changes of this information to the other party, at the address first above written.
20. Business License. The CONSULTANT is required to obtain a City of Escondido Business License prior to execution of this Agreement.
21. Compliance with Applicable Laws, Permits and Licenses. CONSULTANT shall keep itself informed of and comply with all applicable federal, state, and local laws, statutes, codes, ordinances, regulations, and rules in effect during the term of this Agreement. CONSULTANT shall obtain any and all licenses, permits, and authorizations necessary to perform services set forth in this Agreement. Neither CITY, nor any elected nor appointed boards, officers, officials, employees, or agents of CITY shall be liable, at law or in equity, as a result of any failure of CONSULTANT to comply with this section.
22. Immigration Reform and Control Act of 1986. CONSULTANT shall keep itself informed of and comply with the Immigration Reform and Control Act of 1986. CONSULTANT affirms that as an employer in the State of California, all new employees must produce proof of eligibility to work in the United States within the first three days of employment and that only employees legally eligible to work in the United States will be employed on this public project. CONSULTANT agrees to comply with such provisions before commencing and continuously throughout the performance of this Agreement.

IN WITNESS WHEREOF, the parties below are authorized to act on behalf of their organizations, and have executed this Agreement as of the date set forth below.

CITY OF ESCONDIDO

Date: _____

Lori Holt Pfeiler
Mayor

Date: _____

Marsha Whalen
City Clerk

Anchor Point Group, LLC

3775 Iris Ave. Suite 2A

Boulder, CO 80301

(Contractor name and address)

Date: _____

(Contractor signature)

Title

APPROVED AS TO FORM:

OFFICE OF THE CITY ATTORNEY
JEFFREY R. EPP, City Attorney

By: _____

THE CITY OF ESCONDIDO DOES NOT DISCRIMINATE AGAINST QUALIFIED PERSONS WITH DISABILITIES.

Statement and Services of Work

Exhibit A.

Scope of Work

The project will be split into three parts.

- Community Wildfire Protection Plan (CWPP)
 - Annual Work Plan
 - GeoBook
- Wildfire Pre-Attack Kit
- Individual Home Assessments

Project Approach – CWPP

All HFRA and CalFire CWPP requirements will be met as a condition of this scope of work.

Establishment of a Stakeholder Working Group

Stakeholder and citizen involvement is a critical component of a successful wildfire mitigation plan. The inclusion of “stakeholders” (people who have a direct “stake” in the project, including neighboring landowners and managers) in the planning and implementation process is essential. These agencies, organizations, and local residents typically play a key role in directing local land management decisions and essentially make or break the quality and functionality of any wildfire mitigation and management plan.

Stakeholder Meetings:

1. Our team will provide a “kick-off” meeting to engage stakeholders at the beginning of the project.
2. One additional meeting will be held to discuss and refine the “rough draft” of the mitigation plan.
3. Up to two additional meeting can be scheduled, at the discretion of the stakeholders, prior to and consecutive with the public meetings. For example if the public meetings are scheduled for Friday night and Saturday, the stakeholder meeting would be scheduled for Friday during the day.
4. Monthly conference calls are suggested and will be facilitated by Anchor Point; however stakeholder participation will be necessary to make these calls meaningful.

Public Outreach and Coordination

Our team will emphasize public outreach and education throughout the plan and provide specific actionable items to enhance public education and awareness.

1. We will work with the stakeholder group to design an on-line survey. This survey will be available for all residents and is a meaningful way for many to participate in the process.
2. We will hold two public meeting after initial wildfire mitigation work products (fire behavior maps, fire behavior models, action items, etc.) have been produced and reviewed by the stakeholders group to get the public's input and support and to disseminate general information about fire mitigation. These meetings will be on consecutive days and or times at the discretion of the stakeholders. Traditionally a Friday (weekday) and Saturday (weekend) schedule helps accommodate varied citizen needs.

3. Two additional public meeting, at the end of the draft process, will be provided to share the draft products and allow for further citizen input to the CWPP. Meetings will be consecutive as described above.

Mapping Vegetation and Hazards

The foundation of a hazard and risk assessment is the hazard information itself, both vegetative and infrastructure. Accurate fuels data is typically the most critical element in an assessment and is usually derived from vegetation or land cover data using high resolution aerial or satellite imagery.

The team will classify all vegetative types into the nationally recognized "Anderson's 13 Fuel Model Classifications". The team may also utilize the new FBPS 43 fuel models and or Anderson's 13 with custom modeling where needed. As described, the target fuel categories will be the 13 Fire Behavior Prediction System (FBPS) Fuel Models plus a limited number of custom fuel models tailored for the project area (if required). Our fuels mapping methodology includes in-the-field; ground-truthing by a National Wildfire Coordinating Group (NWCG) certified Fire Behavior Analyst to aid in the verification of fuels classification. The identified fuel models will be utilized as one of the elements to classify neighborhoods into their hazard and risk classifications (low, medium, high, very high and extreme).

Neighborhood Fire Hazard Assessments

Using data compiled in the first task, several layers will be developed as part of the hazard/risk assessment. These layers reflect the key elements of the assessment. Vegetative and fuels data developed in the previous task will be incorporated into the Wildfire Hazard component of the assessment process.

The purpose of the neighborhood assessments is to identify conditions that cannot be discerned from aerial photographs or topographic maps. Mid-Level Assessments of neighborhoods will be done during field visits with highly qualified, wildland fire fighters trained in community hazard assessment methodology. The assessment will include topographic features that affect the rate and direction of fire spread, the neighborhood's location on the slope, aspect, roofing, access, density of structures in the neighborhood and distance to nearest fire department. Data will be recorded on data sheets by community and GPS location, and digital photographs will be taken of neighborhoods, which can be used if questions arise later.

Essentially this study is a relative ranking of locations based upon a level of concern classification derived from an integrated evaluation of wildfire hazard and values at risk.

A) Community Hazard Ratings

The key derived layers will then be used in a series of analytical evaluations to quantify the hazard and risk for defined neighborhoods within the study area. This community level evaluation of hazards utilizes a Wildfire Hazard Rating (WHR) method developed

specifically to evaluate communities in WUI areas. The WHR method is a combination of physical/empirical infrastructure and fire behavior components.

B) Assessment of Risk

The frequency and consequences of historical fires are evaluated and used with the results of other analyses to determine wildfire potential. This factor, in this case, becomes more of a public education component than a fire frequency determination. It is expected that the local fire department will assist in providing this information and provide enough detail (i.e., cause, size, and fuel type) to allow for meaningful analysis.

Annual Work Plan

The Annual Work Plan™ provides a long-term fire management annual mitigation plan. The Plan is designed using the recommendations of the CWPP to create specific annual project prescriptions in an easy-to-administer format. Final plans are provided in hardcopy and standard digital format (e.g., PDF format).

The team and all of the stakeholders will be developing and documenting a broad spectrum of recommended solutions which include:

- Access and Egress Issues
- Home Ignitability Concerns
- Code Implementation Options
- Prioritized Fuels Reduction

GeoBook™ Software

Anchor Point's **GeoBook® Software** will provide a powerful and easy-to-use public education tool that contains and displays all the information collected in the CWPP. This informative program displays information in a book-like electronic document, and has ***unlimited distribution licensing*** for homeowners and stakeholders throughout the county. It will enable homeowners and stakeholders to quickly access and review all the results from the CWPP and other plan parts. In addition, first responders will have, at their fingertips, all the information to call up Fire Behavior Maps, Community Hazards, Values at Risk and more.

CWPP Final Deliverables

Four paper and electronic copies (CD) for each of the CWPP

- An electronic version of both documents compatible with Microsoft Word processing software
- DVD with ArcView Shape files of all data and maps used in the planning process
- The GEOBOOK will be provided on disk and may be recopied and distributed without license.

Wildfire Pre-Attack Kit

With a scientifically-sound CWPP in place, the next step is to ensure effective fire department response when an incident unfolds in or near the District. Anchor Point's popular Pre-Attack Kit™ service provides local first-responders with a detailed operational support plan should a wildfire or other emergency incident occur in the study area. As many significant wildfires are commanded by out-of-District personnel, the Pre-Attack Kit™ will also provide arriving managers and resources with a quick and accurate reference guide to not only operational details that support standard-operating procedures of incident stabilization, but also to the values-at-risk consistent with study area interests.

The kit includes information such as the locations of water supplies, helicopter landing zones, access routes and a number of other critical, operational elements. The kit is designed for field-use and targeted to be a comprehensive source for incident commanders during the initial attack phase of suppression operations. Local personnel will be actively involved in the process to ensure that results are applicable to local conditions and that the plan is consistent with Escondido Fire operational objectives (e.g. preservation of recreational values, homes etc.).

The Map Book can be tailored to the needs of the District and include hydrant locations, landing zones, or even detailed addressing for all-risk response. Anchor Point can guide the District on these decisions to ensure a functional and readable map book. The map book does not include the elements described below in the Anchor Point Pre-Attack Kit; but is designed to provide a quick graphic representation of the district with specific operational elements displayed on the map.

**Note: Cost of the Map Book can vary significantly based on the level of detail and resolution requested by the District. This estimate is for the area covered by the CWPP at a 1:6000 scale. Map Book with aerial imagery on left side and topographic or address book on right side.*

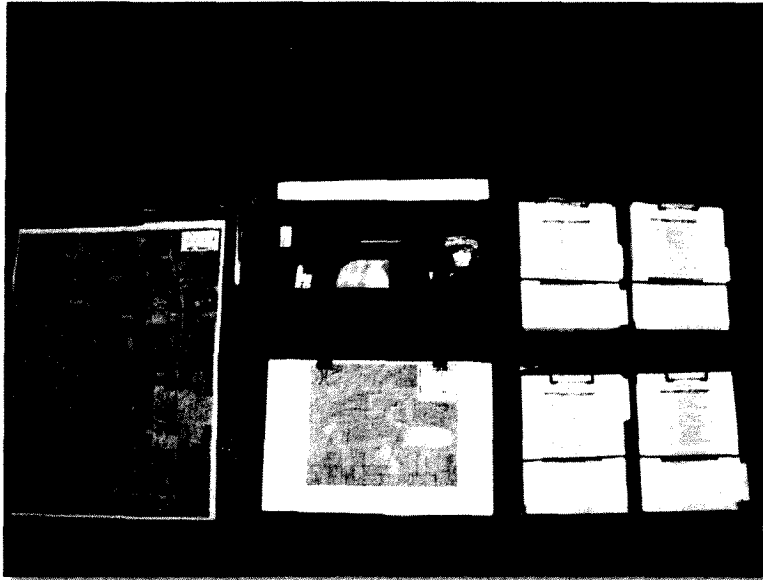
The Escondido FPD area Pre-Attack Plan™ will consist of, but is not limited to, the following components:

- Define extreme fire weather indicators and benchmarks
- Preplan Maps
- Overview map of the jurisdiction with surrounding jurisdictional boundaries and preplanned areas identified
- Study area-wide hazard-zone map based upon CWPP
- Study area-wide fuels map
- Study area-wide topographic map
- Study area-wide aerial map
- Study area-wide logistics map with identified locations for Base, Staging, Helibase, etc
- Major travel routes and evacuation routes
- High hazard or special hazard infrastructure
- Water supply
- Helicopter dip sites and heli-spots
- Topographic-contour lines
- Community Hazard Rating Map

Pre Attack Kit Deliverables

- Two full kits
- Two hardcopy (3 ring binder) Map books
- Digital Copy of Plan (PDF) for in-house replication

Additional Kits with Map Book: \$1000



Individual Home Assessments

It is our understanding that the district does not intend to contract with Anchor Point to conduct the individual home assessments but to equip, train and assist with post processing of the assessments conducted by District personnel. Anchor Point utilized RedZone Software for home assessments. RedZone staff will be utilized to ensure success of Escondido's utilization of their software

Project Management

The APG / RedZone team will assign a Project Manager to oversee all project activities. The Project Manager will work directly with an individual designated by the District as their primary Point of Contact to coordinate all aspects of the project. These individuals will work together to identify all other project participants and their responsibilities, finalize the performance schedule, agree on contingency procedures and establish acceptance criteria.

Phase I Pre-work

Our team will provide a standard wildfire survey to the Escondido FPD. Requested changes will be returned to RedZone who will convert the survey into the standard RedZone format and load it onto all project APG/Escondido Palm Pilots. The survey can have up to 50 multiple choice/multiple answer questions, 8 fill in the blank and 1 latitude/longitude question. RedZone will test the survey using the Zone originally built for Escondido. The team will deliver a best practices document, before field work begins, to assist in-house training.

DEPENDENCY

- Receipt of a signed final copy of the survey at least 8 business days prior to the project training start date.

Item 3 – Phase I Training

Our team will come on-site and provide a multi-day training for the Department. Training will consist of classroom and field sessions to ensure the surveyors fully understand the technical and fundamental requirements of the program.

DEPENDENCY

- Receipt of a current parcel shapefile or geodatabase prior to starting training work

Item 4 – Phase I Post Field Work Support

At the end of the training period, it is anticipated that Department staff will initiate the home surveys. Our team will consult with the Escondido project manager to ensure the field data post processing is working and accurate. 10 hours of off-site support are included in this scope of work.

DEPENDENCY

- 10 hours of support will be utilized prior to the scheduled termination of the complete Anchor Point services contract

INDIVIDUAL HOME SURVEY DELIVERABLES

- 3 full survey kits
 - Palm Pilots
 - Loaded with RedZone Survey software
 - Camera
 - GPS
 - Pelican case
- 1 RedZone Suite for dedicated Escondido computer

Suggested Timeline

Below is an estimated schedule of performance by month based on anticipated services. This schedule is negotiable and may need to be adjusted based on weather and other unforeseeable complications.

MONTH 2009	TASK
Month 1	GIS data acquisition/review
	Requested materials lists to Department
	Review of existing studies and documents
	Contact stakeholders and plan first meetings
Month 2/3	Fire Department Review: Initial meeting with Department personnel and stakeholders to introduce project and plan interviews
	Wildfire Mitigation: Initial meeting with Stakeholder working group
	Document Issues and Concerns
	Aerial interpretation for fuel-type mapping
	Community hazard data field work
	Ground-truthing and data collection
	Historic Fire Incident and WUI risk layer maps
	Review of Fire Personnel Staffing, Training and SOG's/SOP's
	Initiate on-line survey, News Release/Media
Month 4/5	Meet with Wildfire Mitigation Stakeholder working group and Fire Department personnel
	Develop Wildfire Mitigation and Fire Department Review Report Outlines
	Finalize community hazard ratings and generate community hazard map
	Develop fire behavior potential model
	Develop Action Plan to address Issues and Concerns and proposed Wildfire Mitigation actions
	Fire Station location analysis
	Public meeting: Discuss Initial Wildfire Mitigation findings and provide information
	Summary report of public meeting and on-line survey
Month 6/7	Develop Wildfire Mitigation and Fire Department Review Draft Plans
	Obtain Wildfire Mitigation Plan draft revisions from Stakeholder working group
	Obtain Fire Department Review draft revisions from department personnel and stakeholders
	Initial Pre-Plan Kit Development
	Individual Home Assessment Training
Month 8/9	Final Plan Review by Stakeholders and Review Team
	Public Meeting: Discuss Wildfire Mitigation Final Report and provide information
	Final Pre- Plan Kit Deliverable
Month 10	Final Review

Pricing

Wildfire Mitigation Project	Cost
CWPP	\$93,000
GEOBOOK Development and delivery (optional)	\$3,500
Annual Work Plan	\$4,500
Wildfire Pre- Attack Plan / Kit	\$9,000
Individual Home Assessments	Equipment & Training - \$12,470
Project Total \$122,470	



Escondido Fire Department - Fire Management Proposal Addendum

- **Pre Attack Plan - (Initial Attack Kit)**
 - Current proposal provides two (2) kits and two map book sets
 - Three (3) additional Kits and map book sets have been requested
 - Cost - \$3,000
- **Individual Home Assessments**
 - Three (3) survey kits are included in the proposal. Each kit includes:
 - 1-Palm Pilots with RedZone Survey software pre-loaded.
 - 1-Digital Camera (Typically a Canon Powershot)
 - 1- GPS Unit (Typically a E-Trex Vista)
 - Packaged in a Pelican case for protection.
 - Addition kits as described \$1,000 delivered.
- **Proposal includes one (1) full RedZone Software Suite**
 - Additional suites
- **Proposal contains 10 hours of post processing to be utilized in within 5 month of the start of the assessments. Additional hours of post processing support will be available \$98/hr.**
 - Please note that RedZone provides full support for technical problems with the purchase of their software. The 10 hours included in the proposal and any addition hours would be to assist Escondido with post processing of data. It is RedZone's experience that 5-10 hours are typically needed per 1000 homes surveyed. With proper training, the hours would gravitate to the lower end.
- **On Site Training**
 - Proposal includes two days of on-site training.
 - Additional days of training are available for \$4,000 per day which includes all travel and expenses- as long as the training days are consecutive (1 trip).
 - Training staff will include RedZone Software and Anchor Point instructors.

Anchor Point - 3775 Iris Ave, Suite 2A - Boulder, Colorado 80301

303-665-FIRE (3473)

www.AnchorPointGroup.com