

# SOLICITATION, OFFER AND AWARD

City of New Braunfels Purchasing 424 S. Castell Avenue New Braunfels, Texas 78130

Solicitation No. 12-02			Invitation for Bid	(IFB)	Date Issued:	
Non-Native Animal C	control		Request for Proposal	(RFP)	August 22, 2012	
		20770				
		SOLIC	ITATION	ŀ	Page 1 of 25 Pages	
					ng the services identified in the Schedule.	
l		-			l: 10:00 a.m. on September 12, 2012	
Proposals received afte For Information Call:		at for submissi	Phone No : (830) 221		Man 312 - (020) (00 2112	
POP   INTOFINATION CRIE   NO collect cells, Telegraphic, Email (	• •		Phone No.: (830) 221 Email mquinones@nbtex		Fax No.: (830) 608-2112	
5% Proposal Bond Red	<u> </u>	YES	Z NO		See Para 4(d) of Terms and Conditions)	
	•	YES	⊠NO ⊠NO	•		
100% Performance Bor	10 Kequireu.				See Para 4(d) of Terms and Conditions)	
Contract Project	-TY	Uffer	(Must be fully compl	•		
Offeror's State of Resid	dence: TX		(	See Para. 6(1	f) of Terms and Conditions)	
Pre-Proposal Confere	ence on September 5	i. 2012 at 9:00	0 am. in Parks Admin	Office. 100	Golf Course Rd. New Braunfels. TX 78130.	
			Promot	~ · T-	0.75	
			_	•	rms:% Discount if paid within days.	
					prices stipulated for each item delivered	
At the designated point(s) and FOR INFORMATION, CO	· ·		hall include all solicitation do	cuments and attr	achments.	
FOR INFORMATION, CO MANUALLY SIGN ALL C			MANDATORY.			
Submit Signed Offers in T	Friplicate Original*		Proposer F	E-Mail Address:		
Name SWCA Env	vironmantal	Consulta	Name and	Title of Person A	Authorized to Sign Offer (Type or Print):	
	SA Blud.		601	14 L. Ga	albraith	
Address Suite 11				ncipal		
of Offeror San ATA	of Offeror 294 PTTTGAIG, 1X 17477					
Signature: Asse, L.	let-	Date: 9/1/	1/2012 Phone No.:	512-476	6-089/ Fax No.: 5/2-476-0893	
Name, Address and Telephone No. of I	Person authorized to conduct	Gary	Galbraith 7 Monterey cal fin, TX 78749	21	6. 'L- 1/a	
negotiations on behalf of Offeror. (App	ities to Request for Proposal	440	Lia Tx 20 700	Kr Divo.	) 20(14 110	
only)						
			AWARD (To be Con	mpleted by C		
Contract #	i	l as to item(s):			Contract Amount:	
NB13-010	0		ALL		\$90,173	
Vendor Code #:					Delivery Date or Term of Contract:	
0005357					September 1, 2013	
Remarks: This con	ntract incorpo	orates th	e RFP, attachm	ents and	contractor's response.	
		1 1				
This contract issued pursuant to award	I made by City Council.	/ //_	Date: December	10. 2012	Agenda Item No.: 4C	
Important: Award may be made	//		(1. /		79	
on this form or by other		Mu	M		12-10-12	
enthorized official written notice.	Michae	el Morriso	on		DATE	
		lanager				



Houston Office 7255 Longtry, Suite 100 Houston, TX 77040 Tel 713.934.9900 Fax 713.934.9906

September 12, 2012

City of New Braunfels Attn: Ms. Mary Quinones 424 S. Castell Avenue New Braunfels, TX 78130 830-221-4389

RE: Non-Native Animal Control

Submittal of Proposal/Cost Estimate
Invasive Species Monitoring and Maintenance Plan

Dear Ms. Quinones:

Thank you for allowing SWCA Environmental Consultants (SWCA) the opportunity to submit this proposal and cost estimate to provide environmental consulting services to the City of New Braunfels (CONB).

Per your Request for Proposal (RFP) dated August 22, 2012, CONB requests a proposal for removal of four non-native species in Landa Lake-New Braunfels, Texas (project area). The CONB, in accordance with the Edwards Aquifer Recovery Implementation Program, is responsible for certain objectives outlined in the Edwards Aquifer Habitat Conservation Plan (HCP). The CONB is seeking qualified firms for the planning, implementation, and reporting of overall efficiency and success of those methods.

We are known in the industry for selecting study designs and techniques that are suited to the specific resource management objective or regulatory need of the client, while also taking into account time and budget constraints. This requires well-defined objectives and experienced project managers who are creative, efficient, and who can communicate effectively with city officials, designers, and regulators. The basis for SWCA's success consists of repeat business, national credibility, scientific excellence, and high-quality project management. SWCA's diverse staff has the knowledge and experience to implement and successfully complete all the objectives outlined within the RFP.



If you have any questions or require any additional information, please call (210-877-2847) or email (cwesterman@swca.com). Thank you for the potential opportunity to assist with this project.

Sincerely,

Christine Westerman

Office Lead-San Antonio



Houston Office 7255 Langtry, Suite 100 Houston, TX 77040 Tel 713.934.9900 Fax 713.934.9906

# EXECUTIVE SUMMARY

According to the Request for Proposal dated August 22, 2012, the City of New Braunfels is seeking qualified firms to provide studies and environmental documentation in accordance with the Edwards Aquifer Habitat Conservation Plan (HCP) recommendations. The SWCA Team (SWCA) has the qualified staff and responsive attitude needed to provide environmental consulting support meeting the highest standards for these projects. The following proposal illustrates SWCA's desire, depth of experience, and expertise to provide these services with technical studies to support them.

SWCA is an employee-owned company of cultural and natural resource scientists and planners. Our professionals specialize in environmental and cultural resource permitting, compliance, and management. The company was founded in 1981 by Dr. Steven W. Carothers, and was incorporated in 1984 as SWCA, Inc. Headquartered in Phoenix, Arizona, SWCA has offices throughout the United States and its territories as well as the Pacific Islands. SWCA is an Engineering News-Record Top 200 Environmental Firm and has been consistently ranked among the top 20 firms in environmental science revenue. We have an established record of providing sound science and creative solutions for private and public sector clients nationwide.

SWCA began working in San Antonio over 20 years ago and was soon providing wetlands and endangered species services to several private and public clients. In January 2001, SWCA opened its San Antonio office to better serve our local clients. The San Antonio office has been particularly successful in assisting clients with local issues related to jurisdictional waters, endangered songbirds, karst invertebrates, cultural resource studies, and Edwards Aquifer Recharge Zone regulations. In Texas, SWCA also maintains offices in Austin, San Antonio, Houston, and Arlington. Currently our Texas offices support a combined staff of over 100 scientists including archaeologists, biologists, and geologists.

Our services are focused exclusively on environmental consulting. This translates into quick project response times, highly credible data and analysis, and reliable, cost-effective solutions. An overriding emphasis on the needs of our clients, developed over nearly three decades of successful project performance, is ingrained in SWCA's business philosophy and day-to-day practices—ensuring our clients the time and confidence to focus on what they do best.

SWCA has developed strong working relationships with federal, state, and local regulatory agencies, including the U.S. Army Corps of Engineers (USACE), Fort Worth District; the Texas Historical Commission (THC) and San Antonio Historic Preservation Office (HPO); the U.S. Fish and Wildlife Service (USFWS); and has performed projects for numerous state, county, and municipal agencies. We are known in the industry for selecting study designs and techniques that are suited to the specific resource management objective or regulatory need of the client, while also taking into account time and budget constraints. This requires well-defined objectives and experienced project managers who are creative, efficient, and who can communicate effectively



with project owners and designers. The basis for SWCA's success consists of repeat business, national credibility, scientific excellence, reasonable cost, and high-quality project management.

SWCA's technical staff includes individuals with diverse expertise in natural and cultural resource disciplines and environmental planning. Natural resource expertise includes such areas as the National Environmental Policy Act (NEPA), Clean Water Act (CWA), and Endangered Species Act (ESA), as well as aquatic and biological resources.

SWCA has key staff working within our Texas offices that have experience with endangered species, invasive species removal, and mammal trapping, which are detailed throughout the remainder of the proposal. Our first-hand knowledge of the project area, applicable endangered species regulations, and past experience removing non-native species will prove to be a beneficial combination for the City of New Braunfels.

SWCA's knowledge and experience in Landa Lake is further enhanced due to our sponsorship of the Central Florida Freshwater Turtle Research Group (CFFTRG). CFFTRG is a collaborative and volunteer oriented effort comprised of people from the Peninsula College, Freed-Hardemann University, Western Washington University, Florida Department of Environmental Protection (FDEP), Florida fish and Wildlife Conservation Commission (FWC), Wekiva River Wild and Scenic Committee, Busch Gardens, Turtle Survival Alliance (TSA), and Animal Kingdom. CFFTRG has been conducting freshwater turtle research in Florida springs since 1999. In that time, we have also helped the parks and the Florida Department of Environmental Protection (FDEP) remove exotic species and have maintained an exotics fish removal permit for the state of Florida for the past 10 years (state permit # FNE-2012-14). CFFTRG has conducted freshwater turtle research at Comal Springs since April 2012, with surveys also conducted in June and additional surveys scheduled for October 2012. CFFTRG is currently headed by SWCA's Eric Munscher, M.S. Other key SWCA personnel who have participated in CFFTRG sampling at Landa Park include Stephen Ross, Chris Collins, Marc Hess, and Christine Westerman.

# DEGREE OF COMPLIANCE

Task 1: Project Design

Invasive species removal and subsequent monitoring will be conducted using the most cost effective and successful methods currently found in use and within literary sources. Exotic fish will be removed by the use of fyke net, Hawaiian sling, and/or hand capture. The giant ram's horn snail will be removed by hand as it is observed. Counts during sampling efforts of this species will be taken throughout the project length to determine if the population is decreasing naturally, stable, or increasing and consideration will be given to determine whether there is a need for further removal efforts. Nutria will be trapped and removed from the project site.





Task 2: Implementation of Methods

Beginning October 5<sup>th</sup>-7<sup>th</sup>, the CFFTRG will start monitoring invasive fish by-catch as part of the previously planned turtle population study. The CFFTRG will identify areas of high invasive density and usage; as well as record exotic fish by-catch, as they conduct the turtle population survey. This information can be beneficial in forming the removal process in March 2013.

Once the program is approved by the City of New Braunfels, SWCA will implement removal methods for non-native species control the first week of March 2013. The removal efforts will be based on an 8-hour field day. Evaluation of removal efforts will be detailed in monthly reports and a final report by September 1, 2013.

Suckermouth catfish (Hypostomus plecostomus) / Sailfin Armored Catfish (Pterygoplichthys spp.) removal methodology: As discussed above, the CFFTRG has been conducting freshwater turtle research in Florida springs since 1999, and have removed exotic fish species for Florida parks and FDEP, including the vermiculated sailfin catfish (Pterygoplichthys disjunctivus) and the blue tilapia (Oreochromis aureus). Using the parks approved removal methods (hand capture and Hawaiian slings for the catfish and Hawaiian sling and fyke net for the tilapia) (Nico et al. 2012) over the past 13 years, our group has demonstrated successful removal of these species, including over 2,000 sailfin catfish and several hundred blue tilapia. Since the removal efforts started in 1999 Blue Springs State Park employees, utilizing the same methodology have removed over 8,500 sailfin catfish (Nico et al. 2012; Megan Keserauskis Blue Springs Biology personal communication). Wekiwa Springs State Park has been known to remove over 700 catfish in a single day from its waterways by the use of Hawaiian sling.

We propose to snorkel early in the morning and late in the afternoon (high times of fish activity) and spear all non-native fish possible. Primary targets will be large breeding females. Weights to the nearest gram will be taken for each fish. A total biomass removed by sample will be computed. Total length will also be taken as a means to determine over time if removal of adults is having the desired effect (Nico et al. 2012). Capture per unit effort will be calculated per trapping session to try and quantify whether or not removal efforts are showing an impact.

We plan to conduct removal efforts two to three days every month for the duration of the study. We also propose to add voluntary fish removal efforts into the turtle study. Efforts will be made to set traps and spear fish while not capturing turtles. This extra effort would add four more two to three day sampling sessions to the fish removal efforts. It is our belief that with sustained removal pressure of this kind, we can significantly reduce the breeding population of all invasive species targeted. Thirteen years of consistent removal in Florida springs the past two years have





showed significant success. For instance, during our July, 2012 sampling session in Florida, where we would normally remove 70 to 100 catfish, we observed only one.

Nutria (Myocastor coypus) removal methodology: Nutria will be removed from the park by the use of Havahart live traps. Traps would be placed in areas of high nutria activity (evident by slides, scat, and other observations). This increases efficiency of target animal capture and reduces the likelihood of non-target animals entering the traps. Traps will be baited with sweet potatoes, carrots, corn, or other preferred foods and coated with zinc phosphate (the only toxicant that is registered for controlling nutria). Traps will be set in the evening during lower periods of park activity and checked early the following morning. Carcasses of killed nutria need to be dealt with immediately either by deep burial or by burning. Minimization measures will be implemented to avoid unnecessary public exposure to trapped or deceased animals.

Tilapia (Oreochromis aureus) removal methodology: Since we started our freshwater turtle research at Comal Springs this past April, the CFFTRG has observed hundreds of exotic fish. During this past June's sampling session, we deployed our first fyke net into Comal Springs to aid in catching turtles. The trap succeeded in catching approximately 20 turtles and 70 tilapia. These fish were eviscerated and removed from the park. We have three fyke nets at our disposal to use each time we sample at Landa Park. We believe with applied pressure from spear fishing and the use of fyke nets we could remove a large portion of the breeding population for each genus.

Giant ramshorn snail (Marisa cornuarietis) removal methodology: During removal efforts focused on other non-native species, SWCA will remove all giant ramshorn snails encountered in the project area. Due to their location in Landa Lake, precautionary measures will be utilized to ensure that all listed species will not be impacted during the removal of these snails. Snails will be captured by hand and disposed of off-site.

Measures to avoid take of endangered species: The methods that we have used for the past 13 years are extremely successful in removing target invasive species. Due to the nature (karst species) of most of the endangered species listed in Comal Springs and the removal methodologies described above, we believe it highly unlikely that we will negatively impact any of the listed species. The traps that we use have 2 ½ inch mesh which is easily large enough for the listed fountain darter (Etheostoma fonticola) to escape through. Snorkelers will be instructed to stay away from shallow, slackwater habitats that may have fountain darters present. The use of 7 to 9 foot long Hawaiian slings should have no negative effects on any listed species. It is SWCA's professional opinion that the methodology listed above may affect but is not likely to adversely affect any listed species in Landa Lake.





Monitoring of invasive species: The CFFTRG (SWCA-sponsored) plans to conduct the freshwater turtle population study at Comal Springs for a minimum of 10 years. The turtle research occurs one weekend seasonally and could double as a means to monitor exotic species presence. We currently encounter hundreds of exotic fish while we sample for turtles and remove them as bycatch from our traps. After removal efforts start, we will be able to ascertain by removal count each trip if our efforts are having the desired effect. If numbers do not decrease, further removal efforts can be recommended.

Disposal of non-native species: As per Texas Parks and Wildlife Departments policies all exotic fish once removed from the waterway will be eviscerated and removed off site. Nutria carcasses will be removed from site and either buried deeply or burned due to the presence of poison within the body cavity.

Permitting: SWCA will acquire all needed research permits for this project, including permits regarding the removal of non-native species from state waterways (through Texas Parks and Wildlife Department) as well as permits in regards to federally threatened and endangered species. SWCA currently has three Texas Parks and Wildlife Department Scientific Permits (SPR-1209-409, SPR-0911-319, and SPR-1010-160). Any of these permits can be amended to fit the projects needs (for example, accidental death of native fish species). While we do not anticipate any possible contact with any of the listed species besides the fountain darter, we will acquire all necessary permits that pertain to their "handling". SWCA currently has staff permitted to "handle" the fountain darter (Native Endangered & Threatened SP. Recovery – E &T Wildlife Permit # TE800611-2). We do not anticipate that the methods described above for the removal of the non-native species will have any negative impacts on any of the listed species in the area, however, incidental take can happen and all required permits and/or permit amendments will be obtained in accordance with U.S. Fish and Wildlife Service regulations.

# Task 3: Final Reporting

SWCA will submit monthly reports that will detail the work accomplished to date, remaining tasks, results and findings of removal efforts. Reports will be descriptive including sections on methodology, results, and interpretations of data, recommendations, and photographic logs. An initial report that will detail the proposed work plan will be submitted to the CONB by March 1, 2013. Monthly reports will follow until August 2013. A final report detailing the overall project, with data being collected from March 2013 to August 2013, will be submitted by September, 2013. This final report will detail the removal efforts and give baseline population statistics on exotic species populations, including to how many have been removed. This final report will also detail our suggestions in regards to monitoring these invasive species for future removal efforts.



A biomonitoring plan will be implemented at the beginning of 2014. This plan will include frequency and methodology to monitor all non-native animal species of concern. Since the CFFTRG (SWCA-sponsored) will be conducting a long-term (> 10 years) turtle population study at the site, we suggest that the research group can act as a monitoring program for the CONB and if the need arises, conduct exotic species removal as they continue with their turtle population research.

# COST

SWCA's cost estimate by task is provided in Table 1 below. SWCA will conduct authorized tasks described in this proposal on a fixed-fee at percent complete basis.

Task	Description	Cost
1	Project design report	\$28,788
2	Implementation of methods	\$42,464
3	Final report	\$18,921
	Total	\$90,173

# DESCRIPTIVE LITERATURE

Provided below is an example of a brochure that was created by the CFFTRG. The brochure highlights various aspects of the study, including removal of some of the same invasive species found in Landa Lake.





## What Can You Do?

- Report Suspicious Activities
   Tableg testies from the Path is diegal, and continuous population health. Report my suspense assume via Path officials.
- Conserve Natural Resources
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   task accounts to that they are available to the form.
- Donate Time or Henty
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- Educate Yoursell, Speak Oat, & Get Creative!
   Understanding the basis of good science can help you become a boster influence determ. Shore with you know with others, and get suggests with disease and augitates to find one ways so girth in!



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Organization Exect.
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Website: manuschitzgen/manchez\_koni indochon

Pacifical Group



Population & Range Study

### Central Florida Freshwater Turtle Research Group



Webiers Springs State Peck Rock Springs State Protect Elme Springs State Pack De Leon Springs State Pack Manatae Springs State Pack Panning Springs State Pack Procock Springs State Pack



















# CONTRACTOR BACKGROUND INFORMATION

Previous Work Experience

Wekiwa Springs State Park, Exotic Fish Species Removal

Start Date  March 1999	Field Dates 1999-2012	On coinc		Freshwater	
March 1999 1999-2012		On coinc		(CFFTRG),	

SWCA Environmental Consultants, sponsors has provided a long-term freshwater turtle population study at seven state parks in Florida. During the time that the turtle population study has been conducted, the research group has also conducted exotic species removal concerning numerous species of fish including the vermiculated sailfin catfish (*Pterygoplichthys disjunctivus*), blue tilapia (*Oreochromis aureus*), Asian grass carp (*Ctenopharyngodon idella*), brown hoplo catfish (*Hoplosternum thoracatum*), and the pacu (*Piaractus brachypomus*). Through the past 13 years we have removed approximately 2,000 fish from Wekiwa Springs State Park. Exotic fish removed are all eviscerated and buried on site at the state park. This work is conducted under the Florida Fish and Wildlife permit # FNE-2012-14.

Contacts: Amy Conyers (Assistant Park Manager) 407-884-2008 Graham Williams (District 3 Biologist) 407-474-2926 1800 Wekiwa Circle Apopka, Florida 32712. 407-884-2008

Blue Springs State Park, Exotic Fish Removal

In 2007, the CFFTRG started a similar freshwater turtle population survey at Blue Spring State Park. Along with the turtle work, we also assisted the park in their

Start Date	Field Dates	Completion Date
October 2007	October 2007 July 2012	Ongoing

exotic fish removal project. Since the onset of their removal project in 2002, Blue Spring State Park employees in collaboration with Stetson University and the CFFTRG have removed approximately 8,500 vermiculated sailfin catfish. The CFFTRG has also removed several hundred tilapia over the past 6 years by the use of a modified steel tipped gig. Exotic fish removed are donated to Stetson University for research in growth, development, and reproduction. This work is conducted under the Florida Fish and Wildlife permit # FNE-2012-14.

Contact: Megan Keseraukis (Park Biologist) 386-775-3663 2100 W. French Ave. Orange City, Florida 32763



Big Talbot Island State Park, Diamondback Terrapin Predator Removal Study

Start Date Field Dates Completion Date

February 2005 February 2005 to November 2005

November 2005

November 1, 2005

February 2005

November 1, 2005

February 2005

November 1, 2005

February 2005

November 2005

February 2005

November 1, 2005

February 2005

November 2005

November 2005

a nesting beach of Carolina diamondback terrapins in 2005. He removed 29 raccoons from February to November. Raccoons were trapped daily from 7 February until 25 April 2005, and after that time until 22 September 2005 only when raccoon activity was detected. Raccoon presence and movements was monitored on a daily basis at 14 track stations located primarily in the wooded areas, and elsewhere on the beach where we observed tracks. Traps were set at areas with high raccoon activity such as on raccoon trails, adjacent to trails under shrubs (usually wax myrtle, *Morella cerifera*); at the base of Southern red cedar (*Juniper silicicola*), or near communal scat logs. We used a combination of nine single-door Tomahawk # 108 and Havahart # 1079 live-traps (both 81.3 cm × 30.5 cm × 25.4 cm; Tomahawk Live Trap Co., Tomahawk, Wisconsin, USA and Woodstream Havahart Co., Steamboat Rock, Iowa, USA). We sedated captured raccoons on site with an intramuscular injection of ketamine hydrochloride (10 mg/kg) while raccoons were still in the trap, and then euthanized them with Euthasol (1 ml/4.5 kg; Bigler and Hoff 1974; Seal and Kreeger 1987). Dead raccoons that we removed from the island were used in diet, age, and parasite studies (Munscher 2007).

Contact: Dr. Joseph Butler (Professor) 904-620-2831 1 UNF Dr. Jacksonville, FL 32224

Landa Park Drive Bridge Replacement Biological Assessment, Comal County, Texas

Start Date	Field Dates	Completion Date	SWCA prepared a Biological Assessment
2003	June 2003	2005	(BA) to evaluate the potential impacts of a proposed bridge replacement project in

Landa Park, Comal County, Texas, on federally listed endangered aquatic species. For the BA, SWCA conducted a habitat assessment for the fountain darter (*Etheostoma fonticola*) of the bridge replacement area. The BA determined that the project may affect, but was not likely to adversely affect, the endangered fountain darter, a fish species endemic to Comal and San Marcos Springs, and provided mitigation measures to minimize negative impacts to the fountain darter. Based on this evaluation, the U.S. Fish and Wildlife Service issued a biological opinion allowing the bridge replacement project to proceed.

Contact: Mary Kelly (Project Manager AECOM, Inc.) 210-296-2000 6800 Park Ten Blvd. Suite 180 San Antonio, TX





Comprehensive Endangered Species Services - La Cantera Development Company

Start Date	Field Dates	Completion Date	SWCA has	s conducted	full se	ervice
October 2001	October 2001-to present			and man		of
		On-going	endangered	species pr	eserves	and
			conservation	easements	for the	La

Cantera Development Company since 2001. SWCA scientists helped identify potential conservation areas by performing karst invertebrate habitat surveys, biota collections and hydrogeologic evaluations, resulting in protection of 10 caves as mitigation for a Section 10(a) incidental take permit for the construction of the Shops at La Cantera retail development. SWCA designed and implemented karst maintenance and monitoring plans (KMMPs) for preserves incorporating surface and subsurface drainage considerations, fencing, and trogloxene foraging area delineations. SWCA is also performing ongoing monitoring including environmental conditions in the caves, cave biota collections, exotic invasive species control, vegetation community characterizations, and mammal populations. An annual report of monitoring and maintenance activities is submitted to the United States Fish and Wildlife Service.

Contact: Roger Garcia (Developer) 210-498-4483

9380 Colonnade Blvd. Suite 600 San Antonio, TX 78230

Comprehensive Endangered Species Services - Indian Springs Conservation Area

Start Date	Field Dates	Completion Date	SWCA	perform	s monitoring	and
January 2005	January 2005-to present	On-going	managen Indian northern	Springs	ities for the 3: Conservation County.	32-acre Area, The
	the state of the s	The second second second second second	normem	рехиг	County.	ine

Conservation Area was developed for the protection of the endangered golden-cheeked warbler (Setophaga chrysoparia). Responsibilities include warbler presence-absence surveys, preserve inspections, wildlife game species management, invasive and exotic species surveys and removal, and vegetation community studies. SWCA designed an educational brochure that was handed out to a nearby residential area. The brochure focuses on the natural history of the golden-cheeked warbler and the importance of the Conservation Area to the species. An annual report of monitoring and maintenance activities is submitted to the United States Fish and Wildlife Service.

Contact: Gene Powell (Developer) 210-828-6131

11 Lynn Batts Ln. Suite 100 San Antonio, TX 78218



Comprehensive Endangered Species Services - Cibolo Canyon Conservation Area

Start Date	Field Dates	Completion Date	SWCA	performe	ed monitoring ities for the 7 Conservation	g and
April 2006	April 2006- December 2011	December 2011	managen	nent activi	ities for the 7	60-acre
			Cibolo	Canyon	Conservation	Area,
			northern	Bexar	County.	The

Conservation Area was developed for the protection of the endangered golden-cheeked warbler (Setophaga chrysoparia). Responsibilities include warbler presence-absence surveys, preserve inspections, wildlife game species management, invasive and exotic species surveys and removal, and vegetation community studies. SWCA designed an educational brochure that was handed out to a nearby residential area. The brochure focuses on the natural history of the golden-cheeked warbler and the importance of the Conservation Area to the species. An annual report of monitoring and maintenance activities is submitted to the United States Fish and Wildlife Service.

Contact: Barrett Allison (Developer) 512-394-9710 7200 Twilight Mesa Austin, TX 78737

# Financial Stability

As a private company SWCA does not disclose its confidential financial information. However, we recognize that some clients may prefer to see evidence of SWCA's financial condition. We therefore offer the following information which we hope helps illustrate the strength of our company:

- 1. SWCA has remained financially stable since being founded in 1981, and has steadily grown revenues in all but one year (2009).
- 2. The company's Compound Annual Growth Rate (CAGR) for 2006-2010 was 7.2%; and our Net Revenues grew by 8.8% year-over-year from 2010 to 2011.
- 3. Our banking relationship with First American Bank is outstanding, and we have maintained this relationship since 1998 when we became an Employee Stock Ownership Program (ESOP) company. We maintain deposit balances in excess of \$5M and have a \$6M line of credit that has no outstanding balance. Our line of credit is, therefore, fully available to use on any project or task that may arise under this contract if the need should arise. Our banking representative is James Walrack and he can be reached at 847-586-2285.

### Pricing/Payment

The project is anticipated to be a fixed fee contract, billed at percent completes on a monthly basis. Pricing is based on SWCA standard staffing rates. It is understood that the City of New Braunfels is tax exempt. SWCA would be pleased to negotiate a retainer of final payment based upon satisfactory delivery and acceptance of deliverables by the City of New Braunfels.













If you have any questions or require any additional information, please call (713-934-9900) or email (emunscher@swca.com). Thank you for the opportunity to assist with this project.

Sincerely,

**SWCA Environmental Consultants** 

Eric C. Munscher, M.S., ESIII (Scientist) Ecologist / Herpetologist Principal Investigator of the CFFTRG Houston Natural Resources

cc: Brian Fairchild, SWCA (Houston)
Gary Galbraith, SWCA (Austin)

Attachments: Permits

Resumes Appendix A

**SWCA Rate Schedule**