

City of Santee Cactus Wren Habitat Enhancement – Tank Hill

Species and Habitat Recovery Grant Application

Applicant Name: Chris Jacobs, Principal Planner, City of Santee

Address: 10601 N Magnolia Avenue, Santee, CA 92071

Phone: (619) 258-4100

Email: cjacobs@cityofsanteeca.gov

Name of Property: Tank Hill

General Location: East of the intersection of Hillcreek Road and Ramsgate Way

Jurisdiction: City of Santee

Total Acres: 14.5 acres

Estimated Acres Requiring Management: 3 acres

Owner(s) of Property: City of Santee

Land manager(s) of property (include name[s]): Sam Rensberry, Public Services Manager, City of Santee

Brief project summary that includes your primary goal and objectives. (200-word maximum)

Coastal cactus wren is known to occur at several locations within and adjacent to the City of Santee (City). The City is within an important corridor between known occurrences, and there are several occupied cacti stands within the City that lack the overall structure (i.e. patch size) needed to support the species. One of these locations is the Tank Hill property, located on the eastern boundary of the City along the San Diego River. The goal of this project is to enhance existing cactus stands to provide both nesting and stepping-stone habitat that will increase available nesting habitat and improve connectivity between known occurrences. The objectives are to enhance the site by removing nonnative plant species, and expanding cactus stands. This project is consistent with the recommendations outlined in the San Diego Coastal Cactus Wren Habitat Conservation and Management Plan (SDMMP & TNC 2015), which identifies the lack of cactus stands and needed connectivity between the known wren occurrences at Lake Jennings/Lakeside Archipelago and the El Cajon subunit within Management Unit 4. This project is also consistent with the goals and objectives for the cactus wren as outlined in the Management Strategic Plan and the City's draft MSCP Subarea Plan.

Quantify expected results (add bullets as necessary)

- Approximately 3 acres of existing cactus scrub will be enhanced and expanded to increase the total cactus scrub to 5 acres.
- The nonnative invasive black mustard cover will be reduced to less than 20% cover.
- A long-term site-specific resource management plan will be completed.

Brief description of dedicated staff and/or consultants/contractors that would work on the Project. (200-word maximum)

Chris Jacobs is the City of Santee's Principal Planner. He will administer the grant and provide project accounting and invoicing.

The City of Santee intends to hire consultants (ICF and RECON) to assist the City to plan and implement the project. The ICF project lead will be Markus Spiegelberg. Mr. Spiegelberg has 30 years of experience as a conservation biologist and has implemented cactus scrub restoration projects at the Rattlesnake Mountain (1500 cacti) and Woodridge (1000 cacti) Preserves in San Diego County. Jean-Luc Brullot (ICF) will assist in project implementation.

Mr. Brullot has 11 years of experience as a restoration ecologist in San Diego County and has implemented cactus scrub restoration projects in San Diego County, including 1) Tule Wind (Boulevard)(48,000 cacti), 2) Otay MSS (2,000 cacti) and 3) Otay River (500 cacti).

RECON Environmental maintenance crews will collect and install cacti and remove nonnative plant species. RECON has a 20-year history of providing a full range of habitat restoration services on dedicated preserve and conservation lands in southern California. This includes large-scale management of conservation properties that have included restoration activities, invasive plant species removal, erosion control, and reporting. RECON has successfully implemented several cactus scrub restoration projects, including three EMP-funded projects at Otay Ranch (21 acres total).

Funding Needs Summary

Please indicate how much funding is being requested from SANDAG and any matching funding proposed.

Budget Item	Requested Funding Amount	Description
Personnel Expenses Staff	\$98,411	Includes staff time for non-administrative work on the project
Personnel Administrative Expenses	\$28,867	Includes all staff time to administer the contract
Consultant/Contractor Expenses	\$77,125	Includes all costs for consultant/contractor services
Other Direct Expenses	\$4,195	Includes all equipment, supplies, mileage, etc.
Matching	\$9,000	Matching
Totals	\$217,598	

Are there matching fund available? Yes No

If yes, how are the matching funds assured? (100-word maximum)

Markus Spiegelberg of ICF will volunteer his time for the 12 nature walks (social equity component) of this proposal, a value of \$9,000 to the project.

Project Application

The application will include: (a) the purpose of the project; (b) the scope of work by tasks; (c) the proposed budget, including matching funds, by task; and (d) a schedule for each task. Applicants must clearly identify their proposed tasks in the scope of work, funding requested for each task (please identify staff hours and cost separately from consultant/contractor costs), start and end dates of the tasks, and deliverables. *Applicants are encouraged to identify phasing and prioritization of tasks in their application in case full funding for the project is not available.*

Project Purpose

Address the following in the application:

1. Describe the proposed management activity(ies) and how it relates to the Management Strategic Plan (MSP) for Conserved Lands in Western San Diego County. Is there current management occurring or has past management occurred on the property (please describe)? If the proposed management activity is based on the results from past field inspections of the species occurrence, describe the conditions and management needs identified and whether or not the data has been provided to the San Diego Management and Monitoring Program. If implementing fire management actions, describe the management technique being used and whether a fire plan currently exists.

Urbanization over the past century in San Diego County has resulted in the loss of coastal sage scrub and cactus scrub habitat and declines in subpopulations of coastal cactus wren. The last 30 years has seen significant declines resulting from habitat fragmentation, continued development, wildfire, and habitat degradation. As such, the coastal cactus wren and its habitat is a conservation focus for the region. The San Diego Management and Monitoring program identifies the coastal cactus wren as a Species Management Focus Category “SO” Species due to the high risk of loss of genetic clusters and because management of vegetation alone will not ensure persistence of the species. The Management Strategic Plan identifies that habitat enhancement and restoration is needed for the long-term viability of coastal cactus wrens.

Coastal cactus wrens are known from several locations within the City of Santee (City) and there are several occurrences outside the City limits in nearby El Cajon and Lakeside. There are also several unoccupied cacti stands within the City that lack the overall structure needed to support nesting wrens or provide suitable stepping-stone functionality for wren movement. One of these locations is on the City-owned Tank Hill property, a 14.5-acre site located on the eastern boundary of the City along the San Diego River. The City owns and protects this property, and it will become part of the City’s MSCP preserve system. Other than site protection via fencing and patrols, no resource management has occurred on the site. There are additional protected, and future protected areas adjacent to the Tank Hill property (see Figures 1 and 2).

The current site conditions on Tank Hill are a mix of moderate quality coastal sage scrub with patches of cacti (prickly pear and cholla) across a south facing slope consisting of 3:1 to 4:1 slope (elevation 400-500 feet). Although some of the cacti are mature (>1 meter in height and multi-branched), patches are small, and are mostly individuals scattered about the hill (see photos). The restoration area is approximately 3 acres of poor quality coastal sage scrub degraded by the nonnative invasive black mustard; a species that has recently been determined to be highly correlated with decreased wren productivity in San Diego County (Kus, 2021). A November 2021 fire has recently damaged the site, which is likely to favor regrowth of nonnative plant species over native species.

The goal of this project is to develop cactus stands to provide nesting habitat within the City and improve connectivity between known occurrences, located both within the City, and in El Cajon and Lakeside. The objectives are to enhance the site location by decreasing the cover of black mustard, and to create cactus stands and patch sizes that would increase the total cactus scrub to approximately 5 acres on the property and make it more suitable for cactus wrens.

This project is consistent with the cactus wren habitat restoration and enhancement recommendations outlined in the South San Diego County Coastal Cactus Wren (*Campylorhynchus brunneicapillus*) Habitat Conservation and Management Plan (SDMMP and TNC, 2015), which identifies the lack of cactus stands and needed connectivity between the known wren localities at Lake Jennings/Lakeside Archipelago and the El Cajon subunits within Management Unit 4 (MU). It is also consistent with the recent guidance provided by SDMMP and USGS that recommends enhancing existing cactus stands in the vicinity of wren occupied cactus stands versus creating new cactus stands (Kus, 2021). The distance from Tank Hill to the wren localities in the Lake Jennings/Lakeside Archipelago and the in El Cajon Unit is approximately 5 km, to Fanita Ranch is 3 km and to Grossmont College is 5 km. This project is also consistent with the goals and objectives for the cactus wren as outlined in the Management Strategic Plan (MSP) (CAMBRU-1, IMP-1, and others, as well as SDMMP and TNC, 2015) and the City of Santee draft MSCP Subarea Plan.

To complement the restoration project, this proposal requests funding to develop a Long-Term Resource Management Plan (LTMP) for the Tank Hill preserve. The preserve is a key component to the City’s preserve system and the LTMP will provide the necessary guidance for the City to ensure the long-term protection and management of the preserve and its habitat.

2. *Which MSP species and their habitats will benefit from the proposed management activity? Which specific MSP objective(s) and action(s) will be implemented? Name the specific MSP species occurrence(s) to benefit from the management activity, if applicable.*

The coastal cactus wren and cactus scrub habitat will benefit from this project. Other MSP species that are likely to benefit include coastal California gnatcatcher, rufous-crowned sparrow, orange-throated whiptail, and coast horned lizard.

The MSP MU4 Management Goal for cactus wren (MSP, 2013) is: “Protect and enhance suitable cactus scrub and coastal sage scrub habitat within the San Diego/El Cajon genetic cluster to expand the occurrence to a sustainable effective size to avoid inbreeding (see Vol. 3, Section 5) and enhance habitat connectivity within the genetic cluster to provide for coastal cactus wren persistence in the strategic plan area over the long-term (>100 years).” This connectivity includes crossing from the El Cajon subunit east through Santee to the Lake Jennings/Lakeside Archipelago cactus wren subunit.

The 2013 Management Strategic Plan has an objective to develop a cactus wren conservation and management plan which resulted in the development of the South San Diego County Coastal Cactus Wren (*Campylorhynchus brunneicapillus*) Habitat Conservation and Management Plan (SDMMP and TNC, 2015). This plan includes recommendations for cactus scrub restoration and enhancement, including identifying critical connectivity routes and stepping-stone locations for cactus wren across the southern portion of MU4 to provide connections for the Lake Jennings/Lakeside Archipelago to the El Cajon populations, and further south to MU3. The primary connection route to achieve this objective is through Santee.

One of the 2017 MSP Actions for cactus wren in MU4 is IMP-1 (Objective CAMBRU-1): “Following best practices in the South San Diego County Coastal Cactus Wren Habitat Conservation and Management Plan [SDMMP and TNC, 2015], design cactus scrub enhancement and restoration projects to provide high quality nesting and foraging habitat with large patches of cacti >1 m tall in a mosaic of open scrub that provides sufficient food resources for reproduction and survival, especially during drought.... Control invasive nonnative plants to =20% absolute cover to reduce competition with native plants for water and light.” This proposed project fits this MSP action.

The project will benefit the San Diego Genetic Cluster of coastal Cactus wren located at Lake Jennings/Lakeside Archipelago and El Cajon subunit within Management Unit 4, but also those currently unprotected, but likely future protected, wrens at Fanita Ranch and near Grossmont College.

3. *To be eligible for funding, the proposed project must be within the MSP area. In which Management Unit is the project located?*

Management Unit 4.

4. *Describe the stressors and/or threats to the MSP species and their habitats in the project area that will be addressed through implementation of this project application.*

Four primary threats and stressors will be addressed through the implementation of this project. 1) loss of CAWR habitat in the Santee Area, future and historical; 2) poor connectivity and loss of genetic exchange between known occupied CAWR in the Management Unit; 3) cactus scrub/sage scrub degradation due to nonnative invasive species (black mustard) and 4) increased fire intensity due to nonnative plant thatch.

5. *Describe the management techniques proposed, including whether they have been previously used successfully and where. Are there any negative effects to MSP and other sensitive species and their habitats that could result from the proposed management action?*

The management techniques for cactus restoration will follow the recommendation provided in the *South San Diego County Coastal Cactus Wren Habitat Conservation and Management Plan* (SDMMP and TNC, 2015) which have been successfully implemented by ICF and other organizations across San Diego. Cactus cuttings (from Tank Hill) will be used and installed at roughly 1 pad per 1 m². These will be installed in the late fall or early winter to get



Existing small patch of cholla (April 2021) (left) and existing individual cholla and prickly pear across the hillside (right). Grey vegetation is mustard thatch (April 2021).



Post November 2021 Fire.



Primary area for cactus patch enhancement.
Cactus will be planted to increase the size of the existing patches shown in this photograph.

the benefit from winter precipitation. Additional hand watering will be provided if necessary.

The target area is dominated by nonnative black mustard, with little native shrub cover. Mustard thatch will be raked and removed from the planning areas (see photos; despite the recent fire and thus thatch reduction, a renewed thatch layer is anticipated after recent rains). Black mustard that germinates in the winter and spring will be removed by hand, and/or by herbicide application (Glyphosate 1-2%). Herbicide will be applied using a backpack to avoid overspray and unintentional impacts.

ICF staff have successfully implemented these actions at the several locations in San Diego. Three projects include 1) Tule Wind (Boulevard) (48,000 cactus), Otay MSS (2,000 cactus) and Otay River (500 cactus). Mr. Spiegelberg planted approximately 2,500 cactus as well at the Rattlesnake Mountain Preserve in Santee and approximately 2,000 cactus at the Woodridge Preserve in Lakeside, as a former employee at the Center for Natural Lands Management.

These management actions, which do not include heavy equipment, and are done by hand and walking up and down the slope, are not anticipated to impact other sensitive species or habitat. All restoration activities will ensure minimal impact to other plant and animal species.



Proposed Restoration Area. Note grey vegetation (left photo) is dry mustard thatch. Note small patches of cactus (right photo) that will be increased in size as the objective of this project.

6. *What strategic approach will be used to ensure the successful, long-term outcome of the proposed project (e.g. upstream exotic removal prior to downstream, future on-going maintenance)? Which adjacent conserved lands will not be included and why?*

The project should be self-sustaining after the 3-year implementation, maintenance, and management period. The cacti should reach maturity within another 3-5 years after project completion. The strategic approach of removing mustard, coupled with careful management and monitoring of the planted cactus, including supplemental watering, if needed, will ensure the successful, long-term outcome of the project. The removal of mustard will also allow for other native plant species to flourish and thus reduce the competition and invasive potential of future mustard establishment that would threaten the integrity of the cactus scrub. Mustard removal will also reduce future thatch accumulation that leads to higher intensity fires that could impact the cactus scrub habitat.

Planting will follow the guidelines of SDMMMP and TNC, 2015, as to cactus density and recommended planting design and maintenance. The pads will be collected from existing cactus on Tank Hill (with negligible impact to existing individuals), other sites in Santee, and/or purchased if necessary. Supplemental watering is proposed only if precipitation is insufficient to assist with cactus survival. Supplemental watering will occur by hand, using a water truck and hoses extended from the nearby trail to provide water to the cactus patches.

Most of the adjacent conserved lands are not included because they have dense coastal sage and chaparral and

are on slopes and aspects that is not ideal for cactus wren and their preferred nesting habitat but do provide additional foraging and buffering areas for the project. The protected areas to the south of Tank Hill are mostly wetlands and riparian habitat, which does not provide cactus scrub habitat.

Also, the LTMP will provide the guidance that the City needs to continue to protect, steward and manage the properties resources in perpetuity. The City is committed to manage Tank Hill as part of its MSCP Subarea Plan.

7. *What are the goals and objectives for the proposed project? What criteria/metrics will be used to measure success? If applicable, what quantitative monitoring data will be collected to evaluate success? Who will be collecting the monitoring data and what are their qualifications?*

The goal of the project is to develop a mature stand of cactus scrub to support cactus wren nesting and their connectivity/movement in Management Unit 4. The objectives are 1) to plant 6,000 cactus pads to develop 30 large cactus patches across 3 acres of cactus scrub that will achieve approximately 40-45% cover/patch at maturity (as recommended by SDMMMP and TNC, 2015), and to increase the overall cactus scrub size on Tank Hill from several disjunct patches to approximately 5 acres of cactus scrub (also recommended by SDMMMP and TNC, 2015); 2) to remove nonnative black mustard to less than 20% cover to minimize its threats to the cactus and reduce fire intensity, and 3) develop the LTMP.

- Criteria/Metric 1: Remove thatch and decrease thatch cover by 90% within restoration area.
- Criteria/Metric 2: 6,000 cactus pads (approximately 20% prickly pear and approximately 80% cholla) planted in 30 patches across the 3-acre restoration area with at least 75% expected survival at project completion.
- Criteria/Metric 3: Reduction of mustard and other nonnative invasive plants to no more than 20% cover within restoration area at project completion.
- Criteria/Metric 4: Development of the final LTMP which includes goals and objectives for long-term management and monitoring of the site.

Monitoring will consist of 1) visual inspection of thatch removal and photographs to show results, 2) five, 50-meter transects to quantify cover of black mustard and other plant species (native and nonnative), 3) yearly counts of cactus mortality and 4) site photographs to show results of planting and mustard removal. Markus Spiegelberg and Jean-Luc Brulot will conduct monitoring activities. Mr. Spiegelberg will develop the LTMP. Mr. Spiegelberg has 30 years of experience as a conservation biologist and has monitored many restoration projects. He is an experienced botanist and has performed hundreds of vegetation transects during his career. Mr. Brulot has 11 years of implementing restoration projects including monitoring for their success using vegetation transects. He is an experienced botanist as well. Mr. Spiegelberg previously worked at the Center for Natural Lands Management for 21 years where he developed many LTMPs to guide preserve management activities.

8. *How will the applicant manage the data collected? What software will be used to house the data? Who will be responsible for compiling and transferring the data to SANDAG? Who will be preparing the required quarterly, final, and all other reports?*

Markus Spiegelberg (and other ICF staff) will collect and compile data, results and reports. The data will be collected using ESRI ArcCollector and compiled using ArcGIS. ICF will compile and transfer the data to SANDAG. ICF will prepare the required quarterly, final and any other reports.

9. *Has the proposed project received TransNet Environmental Mitigation Program (EMP) funds previously? If so, what was accomplished with the funds and why are additional funds being requested?*

No.

10. *Is the proposed activity being done on land that was previously set aside as mitigation? If yes, please elaborate.*

No.

11. *Does the proposed project provide a co-benefit to CBO Network Communities and foster social equity? Please describe. Additional Points can be awarded if this is relevant to the project and is appropriately described to meet the qualifications listed in the call for projects.*

Yes, this project will benefit the Boy and Girls Club of East County, located on 8820 Tamberly Way, Santee, CA 92071 and within the SANDAG Community-Based Organizations Network Communities (61-70% level). ICF staff member Markus Spiegelberg will lead 4 nature walks per year (12 total) along the San Diego River Trail and Tank Hill site and provide a synopsis of the restoration project as well as education of general conservation and natural history for the area. Boys and Girls Club Contact: Brandie Warren (brandie@bgcec.org; (619) 938-2582).

Scope of Work by Task

Please break down the application into discrete tasks and include a task name, description of each task, quantifiable expected results, and discrete deliverables for each task.

Exhibit A – Proposed Project Scope of Work

Task No.	Task Name	Task Description	Quantifiable Results/Deliverables
1.	Site Preparation	Contractor will rake and remove existing mustard thatch from restoration area.	Remove 90% of thatch; photographs of work completed will be provided.
2.	Implementation/ Cacti Planting	Contractor will plant cacti.	6,000 cacti cuttings will be planted in 30 patches across 3 acres; photographs of work completed will be provided; extent of restoration area and cactus planting perimeter will be mapped using GPS/GIS. 1,000 cacti cuttings will be planted in year 2 to backfill areas with mortality.
3.	Maintenance- Nonnative weed removal	Utilize herbicide applications or manual remove nonnative invasive species from restoration area.	Before and after photographs will be provided.
4.	Monitoring	Monitor cacti survival and cover of nonnative invasive plant species.	Five 50-meter transects conducted each spring (3 years); results tabulated; assess cacti mortality (75% expected survivorship); photographs of site conditions (before and after treatment) will be provided.
5.	Quarterly Reports	Provide quarterly reports.	Delivered Reports
6.	Final Report	Provide annual report.	Delivered Final Report
7.	Boys and Girls Club Nature Walks	Provide 6 nature walks to Boys and Girls Club members.	Photographs of children at the site and trail and list of participants.
8.	Long-term Management Plan	Develop a long-term management plan to guide perpetual management and monitoring of the preserve.	Delivered Final LTMP
9.	Administration	Project administration, invoicing, coordination with contractors.	

Budget by Task

Exhibit B – Proposed Project Budget

Task No.	Task Name	Year 1 Grant Request	Year 1 Matching Funds	Year 2 Grant Request	Year 2 Matching Funds	Year 3 Grant Request	Year 3 Matching Funds	Total Grant Request	Total Matching Funds	Total Projects Cost
1	Site Preparation	\$12,919	\$	\$	\$	\$	\$	\$12,919	\$	\$12,919
2	Implementation/ Cacti Planting	\$46,406	\$	\$15,518	\$	\$	\$	\$61,924	\$	\$61,924
3	Maintenance- Nonnative Weed Removal	\$22,725	\$	\$12,316	\$	\$10,143	\$	\$45,184	\$	\$45,184
4	Monitoring	\$5,570	\$	\$5,735	\$	\$5,900	\$	\$17,205	\$	\$17,205
5	Quarterly Reports	\$11,899	\$	\$6,092	\$	\$6,270	\$	\$24,260	\$	\$24,260
6	Final Report	\$	\$	\$	\$	\$4,243	\$	\$4,243	\$	\$4,243
7	Boys and Girls Club Nature Walks	\$	\$2,900	\$	\$3,000	\$	\$3,100	\$	\$9,000	\$9,000
8	Long-term Management Plan	\$13,996	\$	\$	\$	\$	\$	\$13,996	\$	\$13,996
9	Administrative	\$10,338	\$	\$9,129	\$	\$9,401	\$	\$28,867	\$	\$28,867
Subtotal		\$	\$	\$	\$	\$	\$	\$	\$	\$
Total		\$123,852	\$2,900	\$48,789	\$3,000	\$35,956	\$3,100	\$208,598	\$9,000	\$217,598
Percentage		57%	1.3%	22%	1.3%	17%	1.4%	96%	4%	100%

Project Schedule

Please include start and end dates relative to the anticipated Notice to Proceed (assumes fall 2022) for each task described in the Scope of Work (Section B above). Please list tasks for quarterly reporting on the status of the grant project and a final report on the outcome of the grant project. You may add or subtract rows as needed.

Exhibit C – Proposed Project Schedule (Assumes fall 2022 Notice to Proceed [NTP])

Task No.	Task Name	Proposed Start Date	Months Needed to Complete Task	Task End Date
1.	Site Preparation	3 months from NTP	3 months	12/31/2022
2.	Implementation/Cacti Planting	5 months from NTP	16 months	3/1/2024
3.	Maintenance-Nonnative weed removal	6 months from NTP	30 months	3/1/2025
4.	Monitoring	6 months from NTP	30 months	3/1/2025
5.	Quarterly Reports	3 months from NTP	33 months	6/1/2025
6.	Final Report	35 months from NTP	1 month	7/1/2025
7.	Boys and Girls Club Nature Walks	1 month from NTP	35 months	7/1/2025
8.	Long-term Management Plan	1 month from NTP	12 months	7/1/2023
9.	Administration	1 month from NTP	35 months	7/1/2025

Please explain why and how much additional time would be needed in the event of any delays due to NTP being provided beyond fall 2022 and/or unexpected weather conditions such as drought that could occur during the proposed project implementation.

Cactus planting will be timed for late fall, early winter 2022, to time the typical precipitation period in San Diego. The latest planting can occur is February. Therefore, if the proposal is delayed past December 31, 2022, the planting would have to be delayed until the fall/winter of 2023.

Notice Regarding Prevailing Wages

California law requires that public works projects pay prevailing wages for workers.

Applicant acknowledges that any work that qualifies as a "public work" within the meaning of California Labor Code Section 1720 shall cause Applicant and its subcontractors to comply with the provisions of California Labor Code Sections 1775 et seq, which includes the payment of prevailing wages to all workers performing prevailing wage work.

Yes No

Applicant acknowledges that if Applicant or its subcontractors will engage in the performance of a public work as defined by California Labor Code Sections 1720 et seq. and will utilize persons who are not employees of a public entity, registration and payment of an annual registration fee to the California Department of Industrial Relations (DIR) shall be required of each entity performing the work. This requirement applies to anyone affected by the public works statutes found in the California Labor Code, including but not limited to landscapers, fencers, surveyors, soil testers, dredgers, heavy equipment operators, and inspectors.

Yes No

Applicant acknowledges that if Applicant will award any subcontracts for the performance of a public work:

- Applicant shall notify SANDAG 30 calendar days prior to the award of each subcontract so SANDAG can create a Project Registration Form (aka PWC-100 form) for each subcontract using the DIR online database. Applicant will provide to SANDAG the name, DIR registration number, and contractor's license numbers of each subcontractor so SANDAG can verify, prior to Applicant's award of the subcontract for a public work, that the selected subcontractor is currently licensed and registered with the DIR. If SANDAG finds that the selected subcontractor is not licensed and registered with the DIR, SANDAG will promptly notify Applicant and Applicant will not be permitted to award the subcontract to the selected subcontractor.

Yes No

- Applicant shall notify SANDAG ten business days prior to the subcontractor performing the prevailing wage work so SANDAG can prepare for labor compliance monitoring.

Yes No

- If there are any changes to a subcontractor or lower-tier subcontractor, Applicant will advise SANDAG of these changes as soon as those changes are known to the Applicant.

Yes No

Required Statements from Applicant

- | Yes | No | |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant has read and understands the Sample Grant Agreement (Agreement) and Invoice Template (Attachment 4). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | If the Board of Directors approves the proposed project application, the applicant agrees to sign and return the Agreement to SANDAG, without exceptions or amendments, within 45 days of receipt. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant agrees to comply with SANDAG’s Board Policy No. 035, Competitive Grant Program Procedures, which outlines “Use-it-or-lose-it” project milestone and completion deadlines. Board Policy No. 035 is included in the Agreement, and also is on SANDAG’s website at: sandag.org/organization/about/pubs/policy_035.pdf |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant understands that 10% of all invoiced amounts will be retained until the completion of the proposed project. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant understands that for proposed projects with matching funds, retention will be withheld beyond the 10% retention for each invoice submittal that does not meet the proportionate matching funds requirement. These additional matching funds will not be released until proportionate matching funds are reached for the project to-date. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant understands that all invoices must be accompanied by written, documented support of the charges for requested reimbursement of grant funds and payment will not be made by SANDAG until all documents are satisfactorily submitted. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant understands that invoices and reports must be submitted on a quarterly basis within three weeks after each period close covering January 1 to March 31; April 1 to June 30; July 1 to September 30; and October 1 to December 31. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant understands that the EMP quarterly report template (to be sent to the grantee after NTP is issued and can be found at sandag.org/index.asp?classid=17&projectid=447&fuseaction=projects.detail) must be used to document quarterly progress and that invoices with errors will be returned to the grantee for correction prior to being processed by SANDAG staff. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant understands that the final invoice must be accompanied by written, documented support of the charges for requested reimbursement of grant funds; a final report (prepared in accordance with the final report template to be sent to grantee after NTP is issued and can be found at sandag.org/index.asp?classid=17&projectid=447&fuseaction=projects.detail); and all outstanding deliverables in order to receive final payment and have retained funds released. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant understands that to be considered eligible for funding, a resolution complying with the requirements of Board Policy No. 035, Section 4.1, must be submitted to SANDAG at least <i>two weeks</i> prior to the recommendation by the Regional Planning Committee of the list of prioritized project applications. SANDAG will provide applicants with advance notice of the Regional Planning Committee’s anticipated meeting date. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant agrees to submit all project data/information to SANDAG and to upload data and reports to a project page created by the applicant on the SDMMP web portal in a format consistent with regional management databases. |

I have the authorization to submit this application (Grant Application and required supplementary materials) on behalf of my organization.

Chris Jacob, Principal Planner

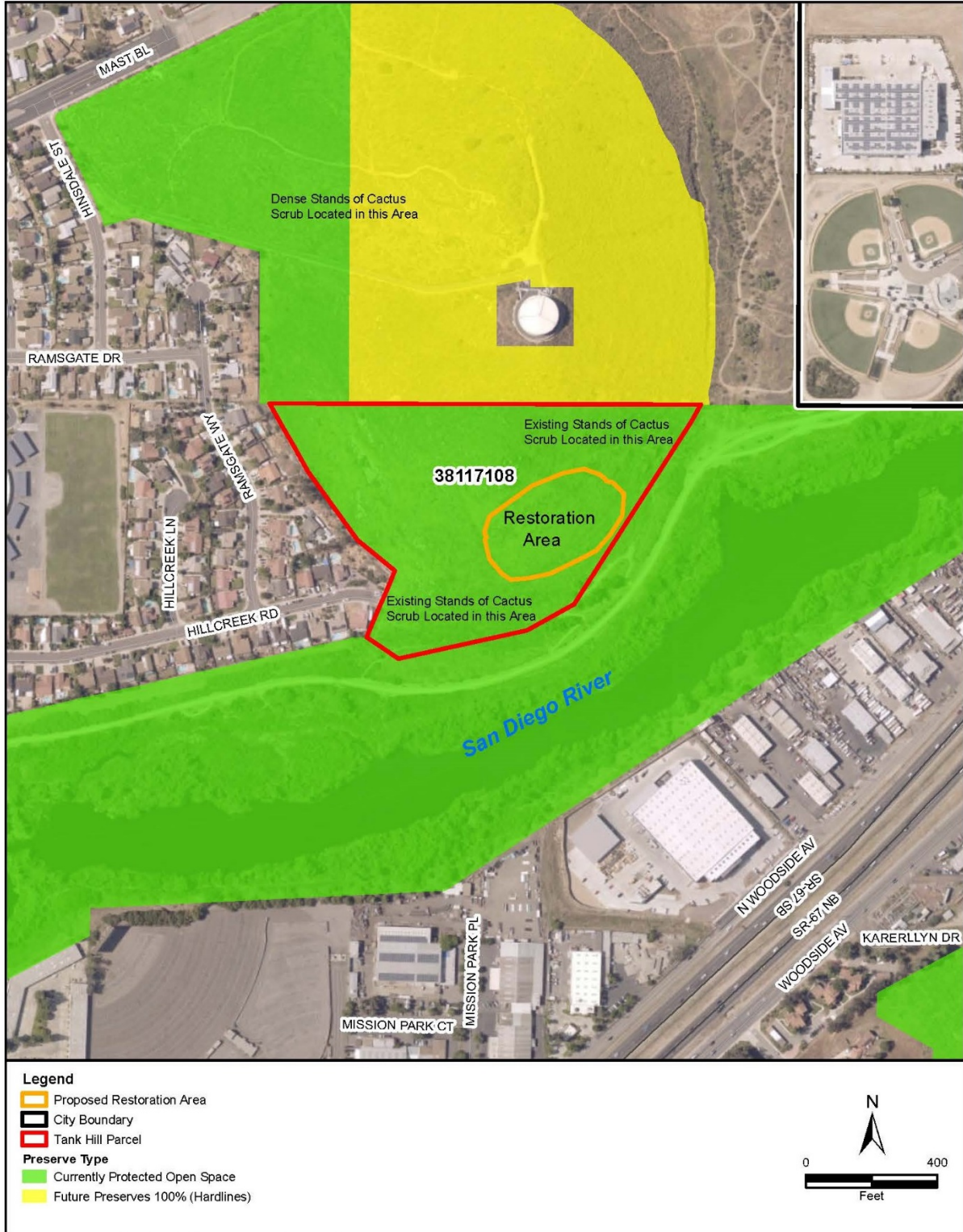
Applicant Name and Title (print or type)



1/28/2022

Applicant Signature

Date



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Figure 1
Tank Hill Preserve



\\FDC01TRDSGIS1\San Diego\projects\City_of_Santee\MSCP_SAP_00641_14\mapdoc\adhoc\Tank Hill Proposal Zoomed.mxd Date: 1/5/2022 3:41:53



Figure 2
Tank Hill Preserve