

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
BOARD ACTION SUMMARY

DEPT: Sheriff

BOARD AGENDA: 6.B.4  
AGENDA DATE: May 15, 2018

**SUBJECT:**

Approval for the Sheriff to Apply for, and Accept if Awarded, a Grant for up to \$130,000 from the Boating Safety and Enforcement Equipment Grant Program for Fiscal Year 2018-2019

**BOARD ACTION AS FOLLOWS:**

**RESOLUTION NO. 2018-0215**

On motion of Supervisor Withrow, Seconded by Supervisor Olsen  
and approved by the following vote,

Ayes: Supervisors: Olsen, Chiesa, Withrow, Monteith, and Chairman DeMartini

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1)  Approved as recommended

2)  Denied

3)  Approved as amended

4)  Other:

**MOTION:**

ATTEST:

  
PAM VILLARREAL, Assistant Clerk of the Board of Supervisors

File No.

**THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
AGENDA ITEM**

DEPT: Sheriff

BOARD AGENDA:6.B.4  
AGENDA DATE: May 15, 2018

CONSENT:

CEO CONCURRENCE: YES

4/5 Vote Required: No

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**SUBJECT:**

Approval for the Sheriff to Apply for, and Accept if Awarded, a Grant for up to \$130,000 from the Boating Safety and Enforcement Equipment Grant Program for Fiscal Year 2018-2019

**STAFF RECOMMENDATION:**

1. Authorize the Sheriff to apply for a grant of up to \$130,000 from the California Department of Parks and Recreation, Division of Boating and Waterways (DBW) for the Boating Safety and Enforcement Equipment Grant Program.
2. Adopt a Resolution to apply for the Boating Safety and Enforcement Equipment Grant, as required by the State.
3. Authorize the Sheriff to accept the grant, if awarded, from the California Department of Parks and Recreation, Division of Boating and Waterways.
4. Authorize the Sheriff to sign any documents related to the grant and administer the California Department of Parks and Recreation, Division of Boating and Waterways (DBW) Boating Safety and Enforcement Equipment Program grant for the Project Performance Period, if awarded.

**DISCUSSION:**

The State of California, Department of Parks and Recreation, Division of Boating and Waterways (DBW) provides financial aid to local government agencies through its Boating Safety and Enforcement Equipment Grant Program. Under this program, DBW provides funds that can be utilized for large purchases of search and rescue equipment and rescue boats. DBW provides funding for the enforcement of boating safety and for the purchase of boats and equipment that might otherwise be cost prohibitive to participating Counties.

The Stanislaus County Sheriff's Department, upon the passage of this agenda item and corresponding resolution, will apply for and accept funds up to \$130,000 from the DBW Boating Safety and Enforcement Equipment Grant Program. If the DBW awards the grant, the funds will be used to purchase a Remote Operated Vessel/Vehicle (ROV) for \$130,000. The ROV will be utilized by the Sheriff's Department dive team to perform searches for missing persons and evidentiary items that are submerged in reservoirs, rivers, canals and other waterways in Stanislaus County.

Currently, the Sheriff's Dive Team has an ROV that is eleven years old and has reached the end of its useful serviceability. The ROV has been carefully maintained over the years, but has reached an age that it is no longer supported for repairs by the manufacturer. New ROVs have also been updated with many more features that will enhance the abilities of the dive team to safely locate missing persons and evidence.

**POLICY ISSUE:**

The Sheriff has the responsibility to perform boating safety and enforcement patrol on the waterways of Stanislaus County. Section 663.7 of the Harbors and Navigation Code, as amended by Section 6593 of the California Code of Regulations, established the Boating Safety and Enforcement Equipment Grant Program to provide State financial aid to local governmental agencies. Code requires that the application include a resolution adopted annually by the Board of Supervisors authorizing the County to participate in the program and certifying that the County will expend not less than an amount equal to 100 percent of the Boat Tax Revenue received for boating safety programs during the year. The County has met that requirement through a separate grant application and Board approval on March 6, 2018.

**FISCAL IMPACT:**

Stanislaus County is applying for funding of up to \$130,000 from the DBW for a Boating Safety and Enforcement Equipment Grant. A County match is not required for this grant. If the funds are awarded, appropriations and estimated revenues matching the award amount will be included in the Fiscal Year 2018-2019 Final Budget.

**BOARD OF SUPERVISORS' PRIORITY:**

The recommended actions are consistent with the Boards' priority of *Supporting Strong and Safe Neighborhoods* by allowing the Department to apply for grant funding that will purchase an ROV for use by the Dive Team. This purchase will allow the Sheriff's Dive Team to meet its responsibility to perform boating safety and enforcement patrol on the waterways of Stanislaus County.

**STAFFING IMPACT:**

The activities required by this Equipment Grant Program will be carried out by existing staff in the Sheriff Operations Division. No additional staffing will be required to meet the terms of this program.

**CONTACT PERSON:**

Lieutenant Larry Seymour, (209) 652-0766

**ATTACHMENT(S):**

1. Resolution
2. Application for Boating Safety and Enforcement Equipment Grant

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
STATE OF CALIFORNIA

Date: May 15, 2018

2018-0215

On motion of Supervisor Withrow Seconded by Supervisor Olsen  
and approved by the following vote,  
Ayes: Supervisors: Olsen, Chiesa, Withrow, Monteith, and Chairman DeMartini  
Noes: Supervisors: None  
Excused or Absent: Supervisors: None  
Abstaining: Supervisor: None

Item # 6.B.4

THE FOLLOWING RESOLUTION WAS ADOPTED:

**APPLICATION AND ACCEPTANCE OF GRANT FUNDS FOR THE STATE OF CALIFORNIA,  
DEPARTMENT OF BOATING AND WATERWAYS FOR BOATING SAFETY EQUIPMENT GRANT  
PROGRAM**

WHEREAS, the Stanislaus County Sheriff's Office submitted an application to the California Department of Parks and Recreation Division of Boating and Waterways for Boating Safety (hereafter referred to as DBW) and Equipment Grant Financial Aid, and;

WHEREAS, the Boating and Safety Enforcement Equipment Grant Program will offset equipment purchase costs incurred by Stanislaus County Sheriff's Office Reservoirs Unit, and;

WHEREAS, the Stanislaus County Sheriff's Office operates a Boating Safety Unit. The responsibility of this Unit is to provide law enforcement and rescue services to each of the County's freshwater lakes and reservoirs, and;

WHEREAS, the DBW Equipment Grant Program Award for Stanislaus County Fiscal Year 2018-2019 is \$130,000. These appropriations and revenues will be budgeted in the Fiscal Year 2018-2019 Sheriff Operations Budget to offset the purchase of boating safety equipment and;

WHEREAS, Stanislaus County receives an estimated \$35,141 in Boat Tax Revenue;

NOW, THEREFORE, BE IT RESOLVED that the Sheriff of Stanislaus County is hereby authorized to accept this funding from DBW.

ATTEST: **PAM VILLARREAL, Assistant Clerk**  
**Stanislaus County Board of Supervisors,**  
**State of California**



File No.

## Equipment

### General

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#### 1. Applicant Information

- a. Applicant Name Stanislaus County Sheriff's Department
- b. Organizational Unit 38
- c. Address 250 E Hacket Rd
- d. Address 2
- e. City Modesto State CA Zip 95358
- f. Federal ID Number 94-6000541 Reference No. 4000000038-04
- g. Agency Type
- City  County
- State Agency  District

#### 2. Project Information

- a. Project Name Equipment
- b. Is implementing agency same as Applicant  Yes  No
- c. Implementing Agency Name
- d. Project Start Date Oct-01-2018 End Date Sep-30-2019
- e. Amount of Funds Requested \$130,000.00 Project Cost \$130,000.00

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APP # \_\_\_\_\_

**3. Contacts**

a. Authorized Representative

Name	Adam Christianson				
Title	Sheriff				
Mailing Address	250 E Hackett Rd				
City	Modesto	State	Ca	Zip	95358
Telephone	(209) 525-7003			Fax	(209) 525-7106
E-mail Address	chradam@stanislaussheriff.com				

b. Project Administrator

Name	Larry Seymour				
Title	Manager				
Mailing Address	250 E Hackett Rd				
City	Modesto	State	CA	Zip	95358
Telephone	(209) 652-0766			Fax	
E-mail Address	lseymour@stanislaussheriff.com				

## Letter of Intent

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APP # \_\_\_\_\_

### 1. Statement of Need

The Stanislaus County Sheriff's Office has a 13 person Dive Team. The Dive Team is used in all the waters of Stanislaus County including Tuolumne County since they have a volunteer team. The Dive Team is trained in rescue, recovery, evidence searches and swift water rescues. The Dive Team trains once a month on numerous pieces of equipment, one of which is a Remote Operating Vehicle (ROV). The ROV is a valuable piece of equipment that limits the amount of time a diver has to be in the water and assists with the investigation and recovery of a victim. The ROV also insures the safety of the divers at depth and will lessen the bottom time.

The ROV is a very valuable piece of equipment, which assists our Dive Team with locating victim(s) underwater. This reduces the amount of time a Public Safety Diver has to be in the water. This also reduces many safety issues for divers and the amount of time used to search for a victim. With today's technology, the ROV's made today will increase efficiency with the use of sonar, tracking systems and GPS to search an area more thoroughly.

The importance of locating a victim increases the chance of discovering what truly happened, so an incident can properly and thoroughly be investigated and final answers can be provided. Using an ROV will help bring closure to a family when their loved one is recovered while limiting safety issues for a diver that is in the water. We currently own a "Konsburg Model MS 1000" 360 scanning sonar that our County purchased this year for approximately \$90,000. This unit attaches to our boat to assist in locating items and persons at shallow depths. Our team has also upgraded our Kirby Morgan helmets to stainless steel, to be safer for the diver and last much longer.

We are available 24/7 for call outs throughout Northern California through the State Office of Emergency Services. We were most recently requested by Sacramento Sheriff's Office during their river flooding emergencies. Having this vital piece of equipment will help our team be more effective and safer to use throughout the State.

Our current "Video Ray PRO 3 GTO" ROV was purchased in 2008. It has worked well over the years; however recently, due to years of wear and tear, the ROV has become increasingly more difficult to keep in service and become inoperable. We have attempted repairs many times, but the model has been discontinued and is no longer supported by the manufacturer. Most companies do not carry parts for this model and it would cost more to ship the ROV, than it would be to possibly fix the ROV, if the parts were available.

## District and County Information

FOR OFFICE USE ONLY:      Version # \_\_\_\_\_      APP # \_\_\_\_\_

### 1. California State Senate Districts

Select one or more of the California State Senate Districts where the proposed project activities will occur. Copy and Paste the URL ([http://www.legislature.ca.gov/legislators\\_and\\_districts/districts/districts.html](http://www.legislature.ca.gov/legislators_and_districts/districts/districts.html)) in your browser to determine the State Senate district(s).

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|--|---|--|---|--|
| <input type="checkbox"/> State Senate 01 | <input type="checkbox"/> State Senate 02            | <input type="checkbox"/> State Senate 03 | <input type="checkbox"/> State Senate 04            | <input type="checkbox"/> State Senate 05 |
| <input type="checkbox"/> State Senate 06 | <input type="checkbox"/> State Senate 07            | <input type="checkbox"/> State Senate 08 | <input type="checkbox"/> State Senate 09            | <input type="checkbox"/> State Senate 10 |
| <input type="checkbox"/> State Senate 11 | <input checked="" type="checkbox"/> State Senate 12 | <input type="checkbox"/> State Senate 13 | <input checked="" type="checkbox"/> State Senate 14 | <input type="checkbox"/> State Senate 15 |
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| <input type="checkbox"/> State Senate 26 | <input type="checkbox"/> State Senate 27            | <input type="checkbox"/> State Senate 28 | <input type="checkbox"/> State Senate 29            | <input type="checkbox"/> State Senate 30 |
| <input type="checkbox"/> State Senate 31 | <input type="checkbox"/> State Senate 32            | <input type="checkbox"/> State Senate 33 | <input type="checkbox"/> State Senate 34            | <input type="checkbox"/> State Senate 35 |
| <input type="checkbox"/> State Senate 36 | <input type="checkbox"/> State Senate 37            | <input type="checkbox"/> State Senate 38 | <input type="checkbox"/> State Senate 39            | <input type="checkbox"/> State Senate 40 |

### 2. California State Assembly Districts

Select one or more of the California State Assembly Districts where the proposed project activities will occur. Copy and Paste the URL ([http://www.legislature.ca.gov/legislators\\_and\\_districts/districts/districts.html](http://www.legislature.ca.gov/legislators_and_districts/districts/districts.html)) in your browser to determine the State Assembly district(s).

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|---|---|--|--|--|
| <input type="checkbox"/> State Assembly 01            | <input type="checkbox"/> State Assembly 02            | <input type="checkbox"/> State Assembly 03 | <input type="checkbox"/> State Assembly 04 | <input type="checkbox"/> State Assembly 05 |
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| <input type="checkbox"/> State Assembly 66            | <input type="checkbox"/> State Assembly 67            | <input type="checkbox"/> State Assembly 68 | <input type="checkbox"/> State Assembly 69 | <input type="checkbox"/> State Assembly 70 |
| <input type="checkbox"/> State Assembly 71            | <input type="checkbox"/> State Assembly 72            | <input type="checkbox"/> State Assembly 73 | <input type="checkbox"/> State Assembly 74 | <input type="checkbox"/> State Assembly 75 |
| <input type="checkbox"/> State Assembly 76            | <input type="checkbox"/> State Assembly 77            | <input type="checkbox"/> State Assembly 78 | <input type="checkbox"/> State Assembly 79 | <input type="checkbox"/> State Assembly 80 |



District and County Information for Boating Safety and Enforcement Equipment Grant - FY 2018 / 19  
 Agency: Stanislaus County Sheriff's Department  
 Application: Equipment

### 3. California Congressional Districts

Select one or more of the California Congressional Districts where the proposed project activities will occur. Copy and Paste the URL (<https://www.govtrack.us/congress/members/CA>) in your browser to determine the Congressional district(s).

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|--|---|--|--|
| <input type="checkbox"/> Congressional District 1  | <input type="checkbox"/> Congressional District 2             | <input type="checkbox"/> Congressional District 3  | <input type="checkbox"/> Congressional District 4  |
| <input type="checkbox"/> Congressional District 5  | <input type="checkbox"/> Congressional District 6             | <input type="checkbox"/> Congressional District 7  | <input type="checkbox"/> Congressional District 8  |
| <input type="checkbox"/> Congressional District 9  | <input checked="" type="checkbox"/> Congressional District 10 | <input type="checkbox"/> Congressional District 11 | <input type="checkbox"/> Congressional District 12 |
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| <input type="checkbox"/> Congressional District 17 | <input type="checkbox"/> Congressional District 18            | <input type="checkbox"/> Congressional District 19 | <input type="checkbox"/> Congressional District 20 |
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| <input type="checkbox"/> Congressional District 49 | <input type="checkbox"/> Congressional District 50            | <input type="checkbox"/> Congressional District 51 | <input type="checkbox"/> Congressional District 52 |
| <input type="checkbox"/> Congressional District 53 |   |  |  |

### 4. County

Select one or more of the California Counties where the proposed project activities will occur.

- |                                       |  |                                      |  |                                     |   |
|---------------------------------------|--|--------------------------------------|--|-------------------------------------|---|
| <input type="checkbox"/> Alameda      | <input type="checkbox"/> Alpine                | <input type="checkbox"/> Amador      | <input type="checkbox"/> Butte           | <input type="checkbox"/> Calaveras  | <input type="checkbox"/> Colusa         |
| <input type="checkbox"/> Contra Costa | <input type="checkbox"/> Del Norte             | <input type="checkbox"/> El Dorado   | <input type="checkbox"/> Fresno          | <input type="checkbox"/> Glenn      | <input type="checkbox"/> Humboldt       |
| <input type="checkbox"/> Imperial     | <input type="checkbox"/> Inyo                  | <input type="checkbox"/> Kern        | <input type="checkbox"/> Kings           | <input type="checkbox"/> Lake       | <input type="checkbox"/> Lassen         |
| <input type="checkbox"/> Los Angeles  | <input type="checkbox"/> Madera                | <input type="checkbox"/> Marin       | <input type="checkbox"/> Mariposa        | <input type="checkbox"/> Mendocino  | <input type="checkbox"/> Merced         |
| <input type="checkbox"/> Modoc        | <input type="checkbox"/> Mono                  | <input type="checkbox"/> Monterey    | <input type="checkbox"/> Napa            | <input type="checkbox"/> Nevada     | <input type="checkbox"/> Orange         |
| <input type="checkbox"/> Placer       | <input type="checkbox"/> Plumas                | <input type="checkbox"/> Riverside   | <input type="checkbox"/> Sacramento      | <input type="checkbox"/> San Benito | <input type="checkbox"/> San Bernardino |
| <input type="checkbox"/> San Diego    | <input type="checkbox"/> San Francisco         | <input type="checkbox"/> San Joaquin | <input type="checkbox"/> San Luis Obispo | <input type="checkbox"/> San Mateo  | <input type="checkbox"/> Santa Barbara  |
| <input type="checkbox"/> Santa Clara  | <input type="checkbox"/> Santa Cruz            | <input type="checkbox"/> Shasta      | <input type="checkbox"/> Sierra          | <input type="checkbox"/> Siskiyou   | <input type="checkbox"/> Solano         |
| <input type="checkbox"/> Sonoma       | <input checked="" type="checkbox"/> Stanislaus | <input type="checkbox"/> Sutter      | <input type="checkbox"/> Tehama          | <input type="checkbox"/> Trinity    | <input type="checkbox"/> Tulare         |
| <input type="checkbox"/> Tuolumne     | <input type="checkbox"/> Ventura               | <input type="checkbox"/> Yolo        | <input type="checkbox"/> Yuba            |                                     |   |

## Application Information

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### 1. Citation Authority

Does your boating safety and enforcement unit have citation authority?       Yes       No

If YES, Code #      836(a) CPC

Does your boating safety and enforcement unit have arrest authority?       Yes       No

If YES, Code #      830.1 CPC

Do you have an active marine patrol program?       Yes       No

**Number of marine patrol officers:**

- a. Full Time      4
- b. Part Time      20

### 2. Boating Safety and Enforcement Income

**Tax Revenue:**

Market Value of all registered boats	34,018,266
Multiplied by Tax Rate	0.010
	340,182.66
Multiplied by County's General Tax Allocation Factor(%)	11.5061
Boat Tax Revenue	39,141.76

**Other Revenue:**

- a. other local revenue sources      0.00
- b. Any state funding sources, including DBW      300,000.00

**TOTAL ANNUAL INCOME**      339,141.76

Expenditures for boating safety and enforcement as defined in Section 663.7 (a) of the Harbors and Navigation Code:      1,156,302

If you received an equipment grant in the previous closed year, did you expend at least 95% of the grant?       Yes       No       N/A

If NO, the agency left a balance of \$

If you participate in the subvention program, were all allocated funds expended in the previous closed year?       Yes       No       N/A

If NO, the agency left a balance of \$

### 3. Describe your agency's boating safety and enforcement activities

The Stanislaus County Sheriff's Department Special Vehicle Operations Unit (SVOU)

provides enforcement, safety, and recovery activities to the citizens of Stanislaus County. We enforce T-14, H&N, F&G, CBL, CVC, and Stanislaus Code under authority section 836(a) / 830.1 CPC & 663.1 H&N. Our Team also conducts vessel inspections, investigations, recoveries, rescues and searches on all waterways within Stanislaus County. We participate in OES Mutual Aid requests and outside Agency requests for boating patrol activities and search and rescue activities. We have assisted Sacramento County (Rage on the River) and Oakland PD (Fleet Week) for the past few years.

Our department's 13 person Dive Team provides rescue and recovery operations for all of the waterways in our County. Our Marine Unit or SVOU includes our Dive Team members. Their responsibility is for Woodward Reservoir, Modesto Reservoir, Stanislaus River, Tuolumne River, San Joaquin River, Turlock Lake, Delta Mendota, and California Aquaduct. This team has also increased in size as we rebuild. We are part of OES mutual aid response in our area and we are called to assist other counties for search, recovery and evidence locating.

Our Air Unit is equipped with the latest advanced technology equipment of FLIR and camera systems. The pilots and tactical flight officers are trained in swift water recovery, search and rescue including long line recoveries. They are routinely requested for mutual aid in several counties throughout California. They are a great asset to our SVOU unit as they are requested for all searches and possible drownings at our reservoirs, lakes and rivers.

Our Department has formed a Mobile Field Force Team that is made up of all members of SVOU and also falls under the management supervision of our Marine Unit or SVOU. We have up to 30 other Deputy Sheriffs and supervisory staff assigned to the Unit part time during peak usage and rescue operations. Most members currently have boat operator training, swift water rescue training, RWC operator training and helicopter rescue training. Training is ongoing for those members that have not been trained as of this time. This training gives our Sheriff's Department the ability to respond to any waterway emergency in our County and other Mutual Aid requests.

#### 4. Describe your agency's needs for this grant

a. Is the grant request for:

- New Patrol Boat     Equipment /  
Repairs

*\* All items purchased with funding provided by the Division of Boating and Waterways are for the exclusive use of the Boating Safety and Enforcement Unit.*

b. Your BS&E unit will use this patrol boat for \_\_\_\_\_ hours per week.

c. Describe patrol boat in a two-foot window (ex. 19' - 21')

d. Please upload boat specifications for review

- e. Describe type of engine and propulsion
- f. Describe trailer
- g. Give estimated cost of above
- h. Attach at least two quotes

Name	Attachment
Remote Operated Vehicle	
Remote Operated Vehicle	

**5. Describe the recreational boating activity on your waterways:**

**Modesto Reservoir**

Modesto Reservoir has 4.45 square miles of water or 2800 acres of water. It is primarily used for combined recreational activities. During the warmer months the reservoir is used for pleasure boating, personal watercraft use, sailing and waterskiing. The other months Modesto is used for fishing and duck hunting.

**Woodward Reservoir**

Woodward Reservoir has 4.5 square miles of water or 2900 acres of water. It is primarily used for combined recreational activities. During the warmer months the reservoir is used for pleasure boating, personal watercraft use, sailing and waterskiing. The other months Woodward is used for fishing and duck hunting.

**Turlock Lake**

Turlock Lake has 5.5 square miles of water or 3500 acres of water. It is primarily used for combined recreational activities. During the warmer months the reservoir is used for pleasure boating, personal watercraft use, sailing and waterskiing. The other months is used for fishing and duck hunting. The Lake is part of the State Recreation Area. The lake also has a county park at its inlet.

**Stanislaus River**

The Stanislaus River is 65 miles in length. The river is used for kayaking, rafting, and fishing. The river has numerous rated rapids. The river has 9 parks that are maintained by the US Army Corp of Engineers.

**Tuolumne River**

The Tuolumne River is 50 miles in length with several tributaries. The river is used for kayaking, rafting, and fishing. The river has few rapids. The river has 4 parks that are maintained by Stanislaus County Parks.

**San Joaquin River**

The San Joaquin River is 65 miles in length with several tributaries. The river is used for kayaking, rafting, and fishing. The river has few rapids. The river has 4 parks that are maintained by Stanislaus County Parks.

**6. Describe patrol boat/trailer/outboard motor being replaced**

Application Information for Boating Safety and Enforcement Equipment Grant - FY 2018 / 19  
 Agency: Stanislaus County Sheriff's Department  
 Application: Equipment

a. **Vessel**

Year	Make	Length	CF#	HIN #

b. **Trailer**

Year	Make	Length	Axles	License	VIN#

c. **Outboard Motor(s)**

Year	Make	Horsepower	Serial #

- d. If requesting to replace/modify a vessel, your agency must provide the completed Office of Fleet Administration #6 form (OFA6).

[ROV SPECIFICATIONS.pdf](#)

7. **List your boating inventory (County and State owned)**

Year	Make	CF #
2011	Bolton	5327XC
2008	Bolton	5045XC
2003	Rocky Mountain	4575XC
2003	Rocky Mountain	4576XC
2007	Yamaha PWC	5006XC
2007	Yamaha PWC	5013XC
2007	Yamaha PWC	5008XC
2007	Yamaha PWC	5009XC
1997	SeaDoo PWC	5057XC
1997	SeaDoo PWC	5056XC
2012	Yamaha PWC	5639XC
2013	Yamaha PWC	5638XC

**Project Cost Estimate**

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	Line Item	Qty	Rate	UOM	Req Amount	Total
1	<b>Equipment</b>					
	Search and Rescue Equipment	1.0000	130000.000	EA	130,000.00	130,000.00
2	<b>Adjustment</b>					
<b>TOTAL EXPENDITURES</b>					<b>130,000.00</b>	<b>130,000.00</b>

Budget Summary for Boating Safety and Enforcement Equipment Grant - FY 2018 / 19  
Agency: Stanislaus County Sheriff's Department  
Application: Equipment

4/15/2018

	Category	Req Amount	Total	Narrative
1	Equipment	130,000.00	130,000.00	
2	Adjustment	0.00	0.00	
<b>TOTAL EXPENDITURES</b>		<b>130,000.00</b>	<b>130,000.00</b>	

## Certifications

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### Applicant Certification

- a.  Under penalty of perjury, I certify that I have examined this application and the document(s), proposal(s), and statement(s) submitted in conjunction herewith, and that to the best of my information and belief, the information contained herein is true, accurate, correct, and complete.
- b.  I certify that I am the person authorized to submit this application on behalf of the applicant.

Name:                    Larry Seymour

Title:                    Lieutenant

Date Signed:        04/11/201

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## Attachments Index

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#	Section	Title	File Name
1	Application Information	ROV SPECIFICATIONS.pdf	<a href="#">18140__ROV SPECIFICATIONS.pdf</a>

**STANISLAUS COUNTY SHERIFF'S OFFICE SPECIFICATIONS FOR A REMOTE OPERATING VEHICLE**

It is the intent of these specifications to describe a new Remote Operating Vehicle (ROV) to be used for search and rescue and recovery missions in the lakes, rivers, canals and the California Aqueduct in Stanislaus County. All specifications are the minimum unless otherwise noted. Acceptance of the product quote is subject to approval by the Sheriff's Office Boating Safety Unit prior to award of the Contract/Purchase Order. ROV, machinery and all equipment which is furnished shall be guaranteed, both parts and labor by the responder for a minimum of two years.

**1. GENERAL DESCRIPTION**

One new, unused Remote Operating Vehicle (ROV) to be used on lakes, rivers and canals. Carrier in protected containers and easily moved by one person. The ROV shall have an Integrated Navigation console, ability to reach depths of 500 feet, horizontal, vertical and lateral movements, manipulating arm w/ grabber, sonar, tracking/positioning system (GPS), and provide training on the ROV for the Sheriff's Office Stanislaus County.

**2. GENERAL USE STATEMENT**

The ROV will be used in the waterways of Stanislaus County. There are several lakes and rivers with strong currents in the county. The ROV is a very valuable piece of equipment, that assists the Sheriff's Office with locating lost/missing person(s) underwater and this reduces the amount of time a Public Safety Diver has to be in the water. This reduces the many safety issues for divers and the search time. With today's technology, the ROV's made today, will increase efficiency with sonar, tracking systems and GPS to search an area more thoroughly. This will again assist with safety issues for divers and locating the victim, so a family has closure. The importance of locating a victim increases the chances of discovering what truly happened. Using the ROV to locate a victim will aid in the investigation and provide final answers to the incident.

**3. BIDDER SPECIFICATIONS**

The ROV design must be that of a recognized manufacturer which has been in business continuously for a minimum of twenty-four (24) consecutive months.

The ROV shall include the full manufacturer's warranty for a minimum of two years and the ability to obtain an extended warranty. The Vendor is to describe/outline the procedure for which warranty work is to be completed, i.e., state time frame for which work is to be completed, party responsible for transportation costs to and from the repair centers, list of repair centers authorized to perform warranty work, including manufacturer defects.

It is intended that the manufacturer, when selecting components, materials and design practices for the specified ROV, will use those which are best available in the industry for the type of operations and conditions to which the ROV will be subjected. All components, materials and design practices will be selected to give maximum performances, service life and safety and does not merely reflect the minimum requirements of the specifications.

Reponses shall include all costs of the finished ROV, including labor, materials, all applicable taxes, delivery to purchaser at designated location and all other costs for a complete operational ROV upon receipt.

There will be a monetary penalty for each day beyond delivery date. This penalty will be discussed and agreed upon between the builder and the Stanislaus County Sheriff's Office Boating Safety Unit.

A representative of the Stanislaus County Sheriff's Office Boating Safety Unit will have advance notice, from the manufacturer, of various states of construction. The successful responder is to allow an onsite inspection by two (2) representatives designated by the Sheriff's Office during the construction period. The primary purpose of the inspections will be to assure compliance with all designs, specifications and installation instructions.

The manufacturer or vendor awarded this Contract/Purchase Order, without additional charges, will deliver the completed ROV to a location designated by the awarding agency. The manufacturer or vendor awarded this Contract/Purchase Order, will provide a minimum of three (3) days of training on the ROV, for operation, equipment and maintenance. The owner/service manuals are to accompany the ROV upon delivery for any applicable components.

#### **4. GENERAL CONSTRUCTION SPECIFICATIONS**

All materials and equipment shall be new, shall be marine grade and shall meet appropriate Federal and Industry standards for materials and installation.

##### **A. ROV BODY & THRUSTERS**

- ROV max depth rate minimum 300 meters.
- Protective bumper frame.
- High output brushless DC thrusters.
- Shall be a five-Thruster ROV system.
- Shall have dual vertical thrusters.
- The lateral thruster shall be an integrated part of the standard COTS vehicle, not an accessory.
- All thruster propellers shall be bidirectional providing equal thrust in both directions.
- All five thrusters on the ROV must be identical and 100% interchangeable.
- No thruster shafts should penetrate the main housing/pressure enclosure encasing sensitive electronics and sensors.
- ROV carrying case with custom foam.

##### **B. ROV CAMERA AND LIGHTING**

- 680 line/ 0.01 Lux color camera, 3.6mm lens & wide dynamic range.
- Camera shall be able to provide up to 270-degree total vertical field of view and vertically tilt  $\geq 180$  degrees.
- Internal LED Array 700 lumens lighting shall track with the color camera  $\geq 180$  degrees.
- External lighting LED 2 head 1080 lumens per head.

##### **C. ROV MANIPULATOR**

- Standard manipulator (grabber) shall have three jaws, 120-degrees opposed.
- Cutter head attachment with  $>250$ Kg of cutting force shall mount on the standard manipulator.
- Large interlocking jaw attachment and mount on the grabber.
- Mounting bracket and cable assembly.

##### **D. ROV SONAR & TRACKING**

- All attachments shall be simultaneously operational on the ROV unless otherwise specified.
- Trittech Gemini Imaging sonar w/ 120 degree field of view shall be mounted on a removable tool skid.
- Imaging sonar VDSL integration kit.
- Imaging sonar tool skid shall completely protect sonar from side impact.
- Trittech micron navigation USBL positioning system.
- Navigation system includes 10 meter dunking transducer cable, seahub and responder/transponder.
- Navigation system includes software and GPS and output drivers.
- Navigation system includes integration kit, penetrator, mounting kit and cabling.

##### **E. ROV CONTROLS AND DISPLAY**

- Integrated Navigation Console.
- Splash proof, rugged case fitted with retractable handle and wheels.
- Water proof keyboard controls.
- ROV shall have auto-heading.
- ROV shall have auto-depth.
- ROV shall have auto-trim (speed)

- The control console shall be IP64 rated.
- Turns on the tether shall be displayed in the video overlay.
- A single, three axis joystick shall control horizontal thrust, rotation on axis/turning, and lateral thrust.
- All data including sonar and video shall be displayed on one 51cm (20") LCD monitor.
- The colored monitor shall be a transfective LCD for operation in direct sunlight (day light readable) without a sunshade.
- Digital video recording capability via integrated hard drive.
- The control console shall not have exposed circuit breakers and computer fans when the system is operated.
- Horizontal and vertical thruster gains shall be independently adjustable from the hand controller in 10 increments (10% of full power to 100%).

#### **F. TETHER**

- Length of 250 meters.
- Shall have video transmission through one continuous length of tether.
- Tether shall be 9mm nominal diameter or smaller over the full length.
- Entire length of tether should be neutrally-buoyant in freshwater.
- Tether shall be rated to 100kg working load.
- The tether should be mounted on a reel with slip ring.
- Quick Recovery System.
- Tether carrying case with custom foam.

#### **G. TESTING, DOCUMENTATION, SPARES & WARRANTY**

- Full Depth ROV Testing.
- Operator's Manuel – Hard copy & CD ROM.
- Basic spares & tool kit. Including spare brushless DC thruster assembly and oil compensation top off kit.
- Minimum two (2) year Manufacturer's Warranty.
- Ability to have extended warranty.

#### **H. TRAINING**

- Three (3) day comprehensive service, maintenance and operational training.
- Multiple students to be trained.

### **5. DISABLED VETERAN BUSINESS ENTERPRISE PARTICIPATION REQUIREMENTS**

State law requires that State contracts (and contracts of local government agencies when the State will hold a proprietary interest) have participation goals of 3 percent for Disabled Veteran Business Enterprises (DVBEs).

**PLEASE READ THESE REQUIREMENTS CAREFULLY, FAILURE TO COMPLY WITH THE DVBE REQUIREMENT MAY CAUSE YOUR BID TO BE DEEMED NON-RESPONSIVE AND YOU TO BE INELIGIBLE FOR AWARD OF THIS CONTRACT.**

#### **CONTRACT GOALS/"GOOD FAITH EFFORTS"**

In order to be "responsive" to this requirement, the bidder must do either of the following two alternatives:

a) Meet or exceed the goals of 3 percent DVBE participation for the proposed contract by one of the following two ways:

1- Commit to use DVBEs for not less than 3 percent of the contract amount; or

2- If the bidder is a DVBE, commit to performing not less than 3 percent of the contract amount with its own forces: Or

b) Make a "good faith effort" to meet the goals by doing ALL of the following by the final bid/proposal date:

1- Contact this AGENCY to identify DVBEs;

2- Contact other State or Federal government agencies or local DVBE organizations to identify potential DVBEs for this contract;

3- Advertise in trade papers and papers focusing on DVBEs, unless time limits imposed by the AGENCY do not permit that advertising;

4- Send solicitations to potential DVBE subcontractors/suppliers for this contract with sufficient lead time to fully entertain and consider responding bids; and

5- Consider responding DVBEs for participation in this contract.

#### DOCUMENTATION REQUIREMENTS

Whether the contract goal or the "good faith effort" alternative is chosen, ATTACHMENT 1A must be completed and included in the Final Bid/Proposal. This attachment shows the type of work and company proposed for DVBE participation, their subcontractors (if any), and other related information and must be submitted in the Final Bid/Proposal. If none, state "N/A" or "NONE" on the first line of ATTACHMENT 1A. Contracting tier should be indicated with the following level designations:

0 = Prime or Joint Contractor;

1 = Primary subcontractor/supplier;

2 = Subcontractor/supplier of Level 1 subcontractor/supplier;

3 = Subcontractor/supplier of Level 2 subcontractor/supplier; etc.

#### DVBE CERTIFICATION

The bidder should include a copy of the DVBE certification letter from the Office of Small and Minority Business (OSMB) for each firm listed on ATTACHMENT 1A.

#### GOOD FAITH EFFORT

In addition to the above, for those bidders/vendors opting to document "good faith effort", the bidder must document contacts with other State and Federal governmental agencies, and other organizations that helped identify or provide a list of interested DVBEs for this procurement. A list of dates, times (if known), organizations contacted and contact names and phone numbers is information needed to corroborate the information. The information required to document "good faith efforts" is set out in ATTACHMENT 4.

Bidders/vendors who propose goal attainment are permitted to submit documentation for making a "good faith effort" to insure against the possibility that the AGENCY will not agree that goal attainment has, in fact, been met.

The bidder/vendor's efforts to meet the contract goal and/or make a "good faith effort" to meet the goal must be sincere and the documentation must be sufficient to reasonably demonstrate that sincerity to the AGENCY. FINAL DETERMINATION OF GOAL ATTAINMENT OR "GOOD FAITH EFFORT" BY THE BIDDER/VENDOR SHALL BE AT THE AGENCY'S SOLE DISCRETION.

#### USE OF PROPOSED DVBE

If awarded the contract(s), the successful bidder/vendor must use the DVBE subcontractor and/or supplier proposed in the Final Bid/Proposal unless the Contractor requested substitution via prior written notice to the AGENCY, and the AGENCY has approved such substitution. At a minimum, the request must include:

a) A written explanation of the reason for the substitution; and

b) The identity of the person or firm substituted. THE REQUEST AND THE AGENCY'S APPROVAL OR DISAPPROVAL IS NOT TO BE CONSTRUED AS AN EXCUSE FOR NON-COMPLIANCE WITH ANY OTHER PROVISION OF LAW, INCLUDING BUT NOT LIMITED TO, THE SUBLETTING AND SUBCONTRACTING FAIR PRACTICES ACT OR ANY OTHER CONTRACT REQUIREMENTS RELATING TO SUBSTITUTION OF SUBCONTRACTORS.

FAILURE TO ADHERE TO AT LEAST THE DVBE PARTICIPATION PROPOSED BY THE SUCCESSFUL BIDDER/VENDOR MAY BE CAUSE FOR CONTRACT TERMINATION AND RECOVERY OF DAMAGES UNDER THE RIGHTS AND REMEDIES DUE THE AGENCY UNDER THE DEFAULT SECTION OF THE CONTRACT(S).

#### DVBE PARTICIPATION REQUIREMENT

For the purpose of this DVBE participation requirement, the following definitions apply:

a) Disabled Veteran means a veteran of the military, naval or air services of the United States with at least a 10 percent service-connected disability who is a resident of the State of California.

b) DVBE means a business concern certified by the Office of Small and Minority Business as meeting all of the following:

1- A sole proprietorship owned by a disabled veteran; or a firm or partnership, 100 percent of the stock or partnership interests of which are owned by one or more disabled veterans;

2- Managed by, and the daily business operations are controlled by, one or more disabled veterans; and

3- A sole proprietorship, corporation or partnership with its home office located in the United States, which is not a branch or subsidiary of a foreign corporation, firm or other business.

c) If the AGENCY reserves the right to make multiple awards or a single contract award as a result of this solicitation, the bidder/vendor is deemed responsive to this requirement if there would be compliance based on award of a single contract, notwithstanding that the bidder/vendor may be unable to achieve compliance to meet the established goal if the AGENCY exercises its right to make multiple awards.

#### CONTRACT AUDITS

Contractor agrees that the AGENCY or its delegate will have the right to review, obtain and copy all records pertaining to performance of the contract. Contractor agrees to provide the AGENCY or its delegate with any relevant information requested and shall permit the AGENCY or its delegate access to its premises, upon reasonable notice, during normal business hours for the purpose of interviewing employees and inspecting and copying such books, records, accounts and other material that may be relevant to a matter under investigation for the purpose of determining compliance with this requirement. Contractor further agrees to maintain such records for a period of three (3) years after final payment under the contract.

#### VII. BIDDERS MUST RETURN THEIR BID FORMS WITH THE FOLLOWING FORMS PROVIDED BY THE AGENCY

a) Summary of Disabled Veteran Business Participation. ATTACHMENT 1A-- List to include all subcontractors, materials and equipment suppliers contacted, nature of work or material to be provided.

b) OSMB DVBE Certification-- To be attached to bid if bidder/vendor claims DVBE certification for himself or any subcontractors or suppliers.

c) Documentation of Good Faith Efforts. ATTACHMENT 4-- List all agencies, organizations, advertisements and solicitations made by bidder/vendor for participation in this contract by Disabled Veteran Business Enterprises. If the bidder has elected to use the "good faith effort" alternative, then all five items listed on Attachment 4 should be addressed. (Bidders/Vendors who have proposed goal attainment are permitted to submit "good faith effort documentation" to insure against the possibility that the awarding agency will not agree that goal attainment has been met.)

**ATTACHMENT 4**

**DOCUMENTATION OF GOOD FAITH EFFORTS**

In order to show a "Good Faith Effort", you must address ALL items listed below. (Use addition sheets if necessary.)

- 1] List below the contacts made with this agency in an effort to identify potential DVBEs for participation in this contract. Include dates, times (if known), contact names and phone numbers.
- 2] List the contacts made with State, Federal and Disabled Veteran Business Enterprises (DVBE) organizations in an effort to identify potential DVBEs for participation in this contract. Include dates, times (if known), contact names and phone numbers.
- 3] List the trade papers or other papers focusing on DVBEs in which you advertised for participation in this contract. Include the dates of the advertisement.
- 4] List potential DVBEs that you solicited for participation in this contract along with the dates you sent the solicitations.
- 5] List DVBEs that you considered for participation in this contract. If your efforts, identified DVBEs that you did not select for participation, state the reasons the DVBEs were not selected.

DISABLED VETERAN OWNED ATTACHMENT 1-A

COMPANY NAME	NATURE OF WORK	CONTRACTING WITH	TIER	CLAIMED DVBE VALUE	DVBE CERTIFICATION