

Statement of Work
Channel Islands National Park
Island Septic Tank & Vault Toilet Pumping Services

1.0 Background: The National Park Service, Channel Islands National Park has a requirement for island sewage pumping and disposal in an estimated three to five round trips annually (one to two round trips Santa Rosa Island, and two to three round trips Santa Cruz Island, as shown in the projected schedule in Section 3.1 below).

A base year purchase order with four (4) option years is contemplated. The Request for Quotation (RFQ) includes one base line item covering calendar year 2018, and four option line items covering successive years (if exercised) through December 2022.

2.0 Scope: The park will provide transportation to and from Santa Cruz and Santa Rosa Islands via the National Park Service owned vessel *Surf Ranger*; a 75-foot landing craft. Scheduled trips will originate and terminate in Ventura Harbor (Ventura, CA) and the Channel Islands National Park headquarters located at 1901 Spinnaker Drive, Ventura, CA. Due to the unpredictable nature of sea conditions and island weather the delivery and removal of material and equipment cannot be guaranteed to occur on specific dates; dates will be tentatively scheduled based on tidal charts and what are historically good weather windows for carrying out such operations. Transportation of contractor personnel will be limited and by NPS vessel at no cost to the contractor. The *Surf Ranger* has a weight capacity of 100,000 pounds, and the well deck is 14 feet wide and 38 feet long.

- Landing Craft time from Ventura to Santa Rosa Island (approximately 56 miles) is five (5) hours each way.
- Landing Craft time from Ventura to Santa Cruz Island (Prisoners; approximately 22 miles) is three (3) hours each way.
- Landing Craft time between Santa Cruz Island (Prisoners and Scorpion) is one (1) hour.
- Landing Craft time between Ventura and Santa Cruz Island (Scorpion; approximately 19 miles) is two and a half (2.5) hours each way.
- Estimated time on each island is no more than three (3) hours each trip.

Park maintenance staff will accompany the truck on the islands at all times.

Cost is to include truck, driver, and waste disposal. The contractor must comply with all State and Federal regulations for the proper handling and disposal of waste, ensure there is no release of pumped materials and limit disruption and damage to the natural surroundings. Documentation of proper waste disposal is required. Work shall be performed during normal business hours of 7:00 a.m. to 5:30 p.m., Monday through Friday. Work contemplated outside of these hours must be approved by the Contracting Officer in advance. Smoking is not permitted on the vessel or islands. There are no food or beverage

services available on the islands.

2.1 Equipment Specifications: Pumper truck must be ten wheeled or tri-axle with maximum volume capacity the vendor is capable of holding (not to exceed 5,000 gallons) and must be able to drive on rocky and sandy beaches. Truck and equipment must be operational and in full working order. Truck cannot exceed 37-feet in length and 14-feet in width. Equipment will be exposed to salt water environment in transit (sea spray) and when driving off landing craft onto the beach..

2.1.a. Biosecurity Measures – Advanced Requirement to Clean Equipment

A. **Equipment and Imported Materials:** Prior to transport to the island, the Contractor shall be responsible for ensuring that their equipment is clean and free of dirt, mud, straw, or other material which could bring weed seeds or other invasive species to the island.

1. All vehicles and equipment (including shovels, wheelbarrows, hand tools, etc.) entering the project area must be clean of plant seeds, mud, and soil and free from oil leaks. Pressure-wash all construction equipment and heavy machinery to thoroughly remove all dirt, plant, and other foreign material prior to loading equipment on park boats or landing craft. Particular attention must be shown to the under carriage, wheels, tracks, and any other surface where soil containing non-native plant seeds or aquatic organisms such as the New Zealand mud snail or zebra mussel may reside.

Arrange for the Contracting Officer's Representative (COR) to inspect each piece of equipment, or alert the NPS Biosecurity Manager to do so, before loading on the mainland. Equipment that has not been adequately cleaned will be turned away. Equipment found operating on the project that has not been inspected or has oil leaks will be shut down and subject to citation and removal from the premises.

3.0 Tasks: Septic tank and vault toilet human waste to be pumped at multiple locations each island to include:

- Santa Rosa Island: Two (2) separate septic tanks
- Santa Cruz Island:
 - **Prisoner Harbor** - One (1) vault toilet with two tanks of 750 gallons each
 - **Scorpion Anchorage** – One (1) septic tank; Eight (8) vault toilets with two (2) tanks at each vault that are 750 gallons each

The Santa Cruz Island trips will be scheduled in two different ways:

- **Prisoners/Scorpion:** Trip will begin by going to Prisoners Harbor first, then

taking the landing craft to Scorpion Anchorage to top off by pumping the septic tank, then vault toilets in that sequence.

- **Scorpion:** Trip will go to Scorpion only to pump the remaining vault toilets.

3.1. The following table depicts the projected needs followed by BASE year and OPTION year line items. Note: Trip requirements in the BASE year and OPTION year CY2019 reflect current need and the projected atypical increase in activity due to a significant construction project scheduled on Santa Cruz Island; returning to a normalized cycle in CY2020.

5 year Contract	Trips - Santa Cruz Island	Trips - Santa Rosa Island
Calendar Year	Quantity	Quantity
BASE YEAR - CY 2018	3	2
OPTION - CY 2019	2	2
OPTION - CY 2020	2	1
OPTION - CY 2021	2	1
OPTION - CY 2022	2	1

0010 - FIRM ITEM (BASE YEAR CY2018):

Santa Rosa Island: Pump two (2) separate septic tanks

- CY2018 – Two trips

Santa Cruz Island:

- **Prisoner Harbor** – Pump one (1) vault toilet with two tanks of 750 gallons each
- **Scorpion Anchorage** – Pump one (1) septic tank; eight (8) vault toilets with two (2) tanks at each vault that are 750 gallons each

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- **Prisoners/Scorpion:** Trip will begin by going to Prisoners Harbor first, then taking the landing craft to Scorpion Anchorage to top off by pumping the septic tank, then vault toilets in that sequence.
 - CY2018 – One trip
- **Scorpion:** Trip will go to Scorpion only to pump the remaining vault toilets.
 - CY2018 – Two trips

0020 – OPTION ITEM (CY 2019):

Santa Rosa Island: Pump two (2) separate septic tanks

- CY2019 – Two trips

Santa Cruz Island:

- **Prisoner Harbor** – Pump one (1) vault toilet with two tanks of 750 gallons each
- **Scorpion Anchorage** – Pump one (1) septic tank; eight (8) vault toilets with two (2) tanks at each vault that are 750 gallons each

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- **Prisoners/Scorpion:** Trip will begin by going to Prisoners Harbor first, then taking the landing craft to Scorpion Anchorage to top off by pumping the septic tank, then vault toilets in that sequence.
 - CY2019 – One trip
- **Scorpion:** Trip will go to Scorpion only to pump the remaining vault toilets.
 - CY2019 – One trip

0030 - OPTION ITEM (CY 2020):

Santa Rosa Island: Pump two (2) separate septic tanks

- CY2020 – One trip

Santa Cruz Island:

- **Prisoner Harbor** – Pump one (1) vault toilet with two tanks of 750 gallons each
- **Scorpion Anchorage** – Pump one (1) septic tank; eight (8) vault toilets with two (2) tanks at each vault that are 750 gallons each

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- **Prisoners/Scorpion:** Trip will begin by going to Prisoners Harbor first, then taking the landing craft to Scorpion Anchorage to top off by pumping the septic tank, then vault toilets in that sequence.
 - CY2020 – One trip
- **Scorpion:** Trip will go to Scorpion only to pump the remaining vault toilets.
 - CY2020 – One trip

0040 - OPTION ITEM (CY 2021):

Santa Rosa Island: Pump two (2) separate septic tanks

- CY2021 – One trip

Santa Cruz Island:

- **Prisoner Harbor** – Pump one (1) vault toilet with two tanks of 750 gallons

each

- **Scorpion Anchorage** – Pump one (1) septic tank; eight (8) vault toilets with two (2) tanks at each vault that are 750 gallons each

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- **Prisoners/Scorpion:** Trip will begin by going to Prisoners Harbor first, then taking the landing craft to Scorpion Anchorage to top off by pumping the septic tank, then vault toilets in that sequence.
 - CY2021 – One trip
- **Scorpion:** Trip will go to Scorpion only to pump the remaining vault toilets.
 - CY2021 – One trip

0050 - OPTION ITEM (CY 2022):

Santa Rosa Island: Pump two (2) separate septic tanks

- CY2022 – One trip

Santa Cruz Island:

- **Prisoner Harbor** – Pump one (1) vault toilet with two tanks of 750 gallons each
- **Scorpion Anchorage** – Pump one (1) septic tank; eight (8) vault toilets with two (2) tanks at each vault that are 750 gallons each

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- **Prisoners/Scorpion:** Trip will begin by going to Prisoners Harbor first, then taking the landing craft to Scorpion Anchorage to top off by pumping the septic tank, then vault toilets in that sequence.
 - CY2022 – One trip
- **Scorpion:** Trip will go to Scorpion only to pump the remaining vault toilets.
 - CY2022 – One trip