



To: Trustee Matagorda Bay Mitigation Trust

Date 3-15-2023

RE: Contract #28 Enhancing Environmental Response, Conservation, and Education Opportunities in the Matagorda Bay Ecosystem

From: William Balboa  
Matagorda Bay Foundation  
15918 CR 946  
Brazoria, TX 77422

#### MBMT Boat Acquisition Final Report

The acquisition of the boat for Project #28 is complete.

Attached are:

- 1) specifications submitted via email to local boat manufacturers,
  - 2) Invoice for the purchase
  - 3) Final Budget reconciliation
  - 4) Images of the vessel.
- Boat specifications were submitted to manufacturers in February 2022
  - Tran Sport boats was the only manufacturer to respond to the request for bids.
  - The Matagorda Bay Foundation signed a contract to with Tran Sport boats to begin boat construction in April 2022.
  - Supply chain issues and previous boat orders resulted in a 1-year delay for construction to begin.
  - Boat hull completed and “rigged” with motor and Garmin GPS in June 2022.
  - Boat sent to welder for tow post construction.
  - Tow post completed and boat ready for delivery in August 2022.
  - Final invoice paid 8-25-2022.
  - Insurance, titling of boat, motor and trailer completed in late September 2022.
  - Safety equipment purchased and boat in use.
  - December 2022 – sea turtle rescue during Christmas Holidays freeze event.
  - Port of Bay City Authority donates wet slip to store boat January 2023.
  - Abandoned Crab Trap Removal Program





**Matagorda Bay Foundation**  
**15918 County Road 946**  
**Brazoria, Texas**  
**77422**

**Fiberglass Boat**

- 1.0 Boat 22-ft, fiberglass with catamaran semi-vee flat hull, center console. Must be latest model in current production. NOTE: Bid is for one (1) boat with engine. Shall meet or exceed the following specification:
- 1.1 Length: 22 ft.-5 in. overall (not to exceed 24.5 ft.)
  - 1.2 Beam: minimum 8' 6" (102 in.)
  - 1.3 Draft: 4 in.-7 in. (not to exceed 12 in.)
  - 1.4 Freeboard: Aft 5", Fwd 4"
  - 1.5 Hull Design: Catamaran Hull, variable deadrise sponsons, self-bailing, rolled gunnels, solid foam filled
  - 1.6 Hull Construction:
    - 1.6.1 Layers:
      - 1. 18-22 mils grey iso-npg gelcoat (or comparable construction)
      - 2. 1.5 oz. chopped strand mat (or comparable construction)
      - 3. 2 x 1815 vectorply (or comparable construction)
    - 1.6.2 Reinforcement: Additional reinforcements in high stress load areas
    - 1.6.3 Stringers: Stringers longitudinal hat shaped
  - 1.7 Gunnel Construction: Same as hull with 1 additional layer each of: 1815 vectorply, 1.5 oz chopped strand matt (or comparable construction)
  - 1.8 Transom Construction:
    - 1.8.1 Layers:
      - 1. 18-22 mils grey iso-npg gelcoat (or comparable construction)
      - 2. 1.5 oz. chopped strand mat (or comparable construction)
      - 3. 2 x 1815 vectorply (or comparable construction)
      - 4. 10 mil core matte (or comparable construction)
      - 5. 1815 vectorply (or comparable construction)
    - 1.8.2 Reinforcement: Additional reinforcements in high stress load areas
    - 1.8.3 Transom Height – per manufacturer spec.
  - 1.9 Deck Construction:
    - 1.9.1 Non-skid deck: Non-skid deck without carpeting
    - 1.9.2 Height: Deck height to be determined by customer
    - 1.9.3 Forward
    - 1.9.4 Layers:
      - 1. 1/2" boat panel T.M. (or comparable construction)
      - 2. 2 x 1.5 oz. chopped strand mat (or comparable construction)





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3. 18-22 mil grey iso-npg gelcoat(or comparable construction)
  - 1.9.5 Reinforcement: Additional reinforcements in high stress load areas
  - 1.9.6 Foam Floatation: All areas between deck and hull filled with rapid set polyurethane foam; closed cell construction; Meets or exceeds U.S. Coast Guard requirements
  - 1.9.7 Cable Chase: 4-inch sealed PVC conduit to operator's console (or comparable construction); 1.5-inch sealed PVC conduit from operator's console to starboard forward compartment (or comparable construction)
  - 1.10 Forward Deck Compartments: Forward deck locations to be determined by customer. Two (2) forward deck compartments with overboard drains
  - 1.11 Aft Compartment: two (2) port and starboard, aft deck compartments with overboard drain or as specified by customer
  - 1.12 Operator's Console: Style to be determined in consult with customer. Plexiglas wind screen with anodized aluminum handrails along top and sides.
    - 1.12.1 Securing Method
    - 1.12.2 Dry Storage: Dry storage compartment in front of console with access hatch
    - 1.12.3 Seating / Storage
    - 1.12.4 Layers:
      1. 18-22 mils grey iso-npg gelcoat (or comparable construction)
      2. Chopped strand mat to minimum thickness of 3/16-inch (or comparable construction)
    - 1.12.5 Fuel Cell: 50-gallon fuel system. "See through" plastic tank
  - 1.13 Horsepower Rating
  - 1.14 Leaning Post – per discussion with
  - 1.15 Deck Hardware: Four (4) stainless steel pull-up deck cleats, one located on each side of hull, behind front deck and one (1) located on gunwale on each side aft of the center console. Deck cleats to be adhered to deck with polyurethane adhesive and through bolted with stainless steel bolts, nuts and washers.
  - 1.16 Running and Anchor Lights: Meet or exceed United States Coast Guard Requirements
  - 1.17 Electrical Switches: Blue Sea® rocker panel switches to activate all necessary electrical systems
  - 1.18 Wiring: All wiring to be tinned wire of appropriate size (or comparable construction)
  - 1.19 Electrical Connections: All electrical connections to be soldered and heat shrunk
  - 1.20 Installation: All above items to be installed
- 2.0 Hull Hardware
    - 2.1 Bow Eye: 7/16-inch bow eye
    - 2.2 Cleats: 2 x 6" stainless steel retractable cleats. Location to be determined by customer.
- 3.0 Warranty: Warranty is seven (7) years on hull, lifetime on boat panel T.M. All other systems not manufactured by Shoalwater carry their own warranties.
- 4.0 Title of Certification: Manufacturer to provide Title of Certification of Origin





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- 5.0 Outboard motor installation (may be subcontracted to meet factory warranty):
  - 5.1 Hydraulic jack plate system (Hi-Performance Bob's Machine Shop® or equal) setback standard series hydraulic jack plate or equivalent. Jack plate should have sufficient rating for 150hp-250hp motor
  - 5.2 Binnacle: binnacle, tachometer, water pressure gauges, water temperature gauge, fuel gauge, oil tank, and wiring harness (items to be purchased by vendor and installed with 150 horsepower outboard motor – as specified by customer.
  - 5.3 Instrument panel: Instrument panel to include tachometer, water pressure gauges, water temperature gauge, fuel gauge, oil tank, and wiring harness (items to be purchased by vendor and installed with outboard motor)
  - 5.4 Stainless steel 4-blade propeller (pitch and diameter to be determined through sea trials with customer input).
  - 5.5 Hydraulic steering system: Teleflex® hydraulic steering system
  - 5.6 Batteries: Two (2) 24 series starting batteries with three (3) position 300 amperes battery switch and enclosed battery boxes
  - 5.7 Anti-Ventilation Plate
  - 5.8 Legally Mandated Requirements: Boat shall meet or exceed all federal and state of Texas laws governing boat safety including USCG floatation requirements.
  - 5.9 Fabricated A-frame with pin rail: Aluminum towing post to be fabricated and installed through consultation with customer
  - 5.10 Collapsible / folding bimini top
  - 5.11 Test Run: Boat to be run to ensure all systems are operating within specifications
  
- 6.0 Outboard Motor
  - 6.1 Four-stroke outboard motor 150 hp –200hp as recommended by manufacturer (not to exceed 200hp).
  - 6.2 Motor installed per manufacturer recommendations
  - 6.3 Installation should include all items from section 5.1 thru 5.7, and other items as required by manufacturer or as recommended by dealer and approved by MBF.

### **Boat Trailer Class 120-90**

- 8.0 Marine grade, aluminum boat trailer to accommodate fiberglass boat above. NOTE: Bid is for one (1) aluminum boat trailer of the same materials, design, and size layouts.
  - 8.1 Model: Must be latest model in current production
  - 8.2 Axels: Torsion tandem axles galvanized steel, minimum 4,500 pounds trailer carrying capacity with heavy duty bearings
  - 8.3 Tires and Rims: Tubeless tires, six-ply tread and sidewalls; tire size F78 x 14C, galvanized/aluminum rims with Buddy Bearings@
  - 8.4 Spare Tire: spare tire and galvanized/aluminum rim to be mounted on tongue and capable of being locked to prevent theft.





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- 8.5 Fit: Must fit above boat with regard to side guide boards, runners, bow stop and polyvinyl chloride (PVC) loading guides.
  - 7.5.1 Side Boards: Side guide boards and PVC loading guides. No carpet.
- 8.6 Hull Support
  - 7.6.1 Supports
    1. Four (4) sets of hull supports made of treated lumber (2 x 6)
    2. Individual hulls supports on each side on the bow rake
  - 7.6.2 Brackets: Adjustable brackets for four (4) sets of 2 x 6 treated lumber bottom supports
- 8.7 Frame: Aluminum metal frame, reinforced cross-vee beams with V-block bow stop and winch mount. No carpet
- 8.8 Winch
- 8.9 Trailer Jack: Pivoting heavy-duty tongue jack with 1,500 pounds minimum capacity
- 8.10 Load Capacity: Capacity sufficient to support above boat with 150hp outboard motor.
  
- 9.0 Hardware
  - 9.1 Nuts & Bolts: All nuts, bolts, brackets, and trailer assembly components to be stainless steel or galvanized plated.
  - 9.2 Lights: Light-emitting diode (LED) lights mounted on top of PVC loading guides, sealed, submersible marine lights with wiring to terminate in 4-way connector assembly.
  - 9.3 Hitch: Bulldog-type coupling hitch to accept 2-inch ball.
  - 9.4 Wiring: Wiring to terminate in 4-way connector assembly equal to standard motor products part TC41
  - 9.5 Highway Operation Requirements: Trailer to be equipped with accordance with federal and state of Texas laws governing 24 hour highway operation.
  - 9.6 Warranty: Minimum one (1) year manufacturer's warranty on trailer.
  - 9.7 Shipping: Specify any Shipping costs as a separate item on your bid
  
- 10.0 Delivery to:
  - Bill Balboa
  - Matagorda Bay Foundation
  - 15918 County Road 946
  - Brazoria, Texas 77422





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**Tran Sport Boats Inc**  
1729 1st street  
Palacios TX 77465

**361-972-6629**  
cell **361-655-5014**  
[donny@transportboats.com](mailto:donny@transportboats.com)

Matagorda Bay Foundation ( Bill Balboa)		Price
361-781-2171 <a href="mailto:bbalboa@matbay.org">bbalboa@matbay.org</a>	8/25/2022	
<b>2023 220SVT Tran Cat TRN22124I223</b>		35,000
<b>2023 Coastline Trailer tandem axle trailer w/ spare, galv wheels, 555C1BS22PS000045</b>		4,950
Hull color light gray	Your choice	0
deck color light gray w/ black webbing	Included	0
console	Included	0
Clear Windshield and alum grabrail	Included	0
Hyd steering system	included	0
5 stainless cleats	Included	0
94 igloo w/ cushion, alum bracket front of console	Included	0
45 gallon fuel tank	included	0
alum leaning post, no rods	included	0
6 inch Bobs Jackplate	Included	0
two rear compartments	included	0
<i>Subtotal</i>		<i>\$39,950</i>
Options		
aluminum tow post		1550
Garmin 74 CV		895
<i>Subtotal</i>		<i>\$2,445</i>
<b>2023 175 Hp Suzuki 25inch shaft 17503P-140399</b>		17775
analog tach, fuel and water psi gauge	Included	0
battery, 12v plug and batt switch, 6 switch panel	Included	0
4 blade stainless steel prop	Included	0
stainless fuel water separator	Included	0
<i>Subtotal</i>		<i>\$17,775</i>
<b>Total of boat, motor, trailer, and options</b>		<b>\$60,170</b>
<b>Tax 6.25%</b>	exempt	<b>\$0.00</b>
<b>Tag, Title, Registration</b>	exempt	<b>\$0</b>
<b>FINAL TOTAL</b>		<b>\$60,170</b>





**MATAGORDA BAY MITIGATION TRUST**

**Steven J. Raabe, P.E., Trustee**

**P.O. Box 1269**

**Poth, Texas 78147-1269**

**[Trustee@mbmTrust.com](mailto:Trustee@mbmTrust.com)**

**MEMORANDUM**

Date: September 27, 2022

To: Bill Balboa  
Executive Director  
Matagorda Bay Foundation

The remaining unspent project balance for Contract No. 028 is \$1,830.00 as of August 25, 2022. Your final invoice through August 25, 2025 indicated that there will be no other expenses charged to Contract 028. The table below documents the contract budget, actual expenses and remaining unspent balance.

Expense Category	Original Budget	Actual Expenses	Percent Spent	Unspent Balance
Consultants/Contractual	62,000.00	60,170.00	97%	
Total	\$62,000.00	\$60,170.00	97%	\$1,830.30

The final contract amount for Contract No. 028 will reflect a reduction from \$62,000.00 to \$60,170.00 and the remaining unspent balance of \$1,830.30 will be reflected in the Trust's reserves for use in funding future projects.

Many thanks to you and the project team for the successful completion of this project.



## Boat Images

Boat at Tran Sport Boats - awaiting tow post install



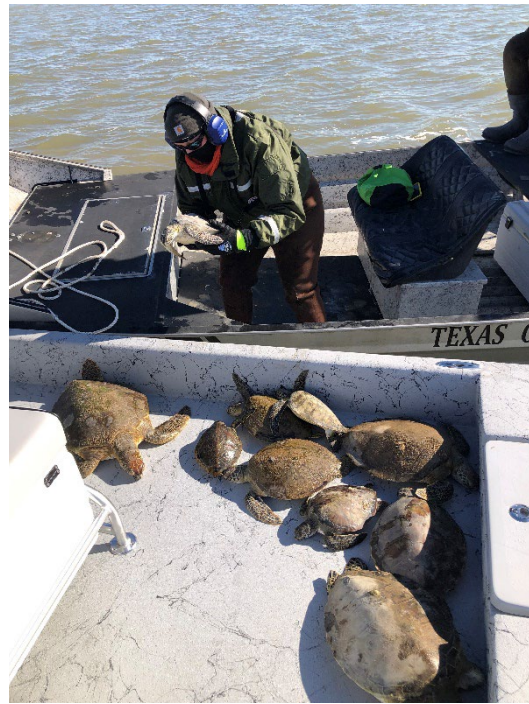


Boat in wet slip at Matagorda Harbor – note tow post at stern





Sea Turtle Recovery December 2022



Abandoned Crab Trap Removal 2023

