

KENNETH SCHMITT
Town Supervisor

TOWN OF CARMEL
TOWN HALL

ANN SPOFFORD
Town Clerk

SUZANNE MC DONOUGH
Town Councilwoman
Deputy Supervisor

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Mahopac, New York 10541
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KATHLEEN KRAUS
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Town Councilman
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Town Councilman

MICHAEL SIMONE
Superintendent of Highways
Tel. (845) 628-7474

TOWN BOARD WORK SESSION
Wednesday, August 11, 2021 7:00pm

PLEDGE OF ALLEGIANCE - MOMENT OF SILENCE

Public Hearing #1: In the Matter of the Increase and Improvement of the Facilities upon a certain map, plan and report, including a revised estimate of cost, in relation to the proposed increase and improvement of the facilities of Carmel Water Districts Nos. 1, 2, 3, 8, 9, 10, 13 and 14 in the Town of Carmel

1A. Public Interest Order in the Matter of the Increase and Improvement of the Facilities of Carmel Water Districts Nos. 1,2,3,8,9,10,13 and 14 in the Town of Carmel, Putnam County, New York (Additional Costs)

1B. Res: Authorizing the Issuance of an Additional \$943,000 Bonds of the Town of Carmel, Putnam County, New York, to Pay Part of the Cost of the Increase and Improvement of the Facilities of the Carmel Water Districts Nos. 1,2,3,8,9,10,13 and 14 in and for Said Town

• **Adjournment**

Town Board Work Session:

- Review of Town Board Minutes July 14, 2021 and July 21, 2021
- 1. Richard Franzetti, PE, Town Engineer – Consider Request to Authorize Return of Partial Fee for a Wetland Permit Application – (Luca Racanelli Refund -\$850)
- 2. Richard Franzetti, PE, Town Engineer – Consider Request to Award Bid for Water Main Replacement – Kelly Road Backlot – CWD#2
- 3. Police Chief Anthony Hoffmann, Sgt. Michael Bodo - Discussion on the Status of the Marine Patrol Boat
- 4. Mahopac Volunteer Fire Department – Consider Addition to the Active List of the MVFD

• **Public Comment (Three (3) Minutes on Agenda Items Only)**

• **Town Board Member Comments**

Open Forum:

- **Public Comments on New Town Related Business (Three (3) Minutes Maximum for Town Residents, Property Owners & Business Owners Only)**
- **Town Board Member Comments/Announcements**
- **Adjournment**

NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Town Board of the Town of Carmel, Putnam County, New York, will meet at the Town Hall, 60 McAlpin Avenue, in Mahopac, New York, on August 11, 2021, at 7:00 o'clock P.M., Prevailing Time, for the purpose of conducting a respective public hearing upon a certain map, plan and report, including a revised estimate of cost, in relation to the proposed increase and improvement of the facilities of Carmel Water Districts Nos. 1, 2, 3, 8, 9, 10, 13 and 14 in said Town, consisting in each district of the construction of improvements to the district water tank or shared water tank and related equipment and site improvements, including original furnishings, equipment, machinery, apparatus, appurtenances, and incidental improvements and expenses in connection therewith, at a revised maximum estimated cost of \$52,915 to Carmel Water District No. 1 (an increase of \$27,600), \$3,062,615 to Carmel Water District No. 2 (an increase of \$300,000), \$362,538 to Carmel Water District No. 3 (an increase of \$80,000), \$535,796 to Carmel Water District No. 8 (an increase of \$175,500), \$165,184 to Carmel Water District No. 9 (an increase of \$125,000), \$112,158 to Carmel Water District No. 10 (an increase of \$58,500), \$73,621 to Carmel Water District No. 13 (an increase of \$38,400), and \$569,063 to Carmel Water District No. 14 (an increase of \$138,000).

Said capital projects have been determined to be a Type II Action pursuant to the regulations of the New York State Department of Environmental Conservation promulgated pursuant to the State Environmental Quality Review Act ("SEQRA"), the implementation of which as proposed, said regulations provide will not result in any significant adverse environmental impacts.

At said public hearing said Town Board will hear all persons interested in the subject matter thereof. The Town Board will make every effort to assure that the Public Hearing is accessible to persons with disabilities. Anyone requiring special assistance and/or reasonable accommodations should contact the Town Clerk.

Dated: Mahopac, New York,
July 22, 2021.

BY ORDER OF THE TOWN BOARD OF THE TOWN OF
CARMEL, PUTNAM COUNTY, NEW YORK
Ann Spofford
Town Clerk

RESOLUTION #1-A

IN THE MATTER OF THE INCREASE AND IMPROVEMENT OF THE FACILITIES OF CARMEL WATER DISTRICTS NOS. 1, 2, 3, 8, 9, 10, 13 AND 14 IN THE TOWN OF CARMEL, PUTNAM COUNTY, NEW YORK (ADDITIONAL COSTS)

WHEREAS, by proceedings heretofore had and taken, the Town Board of the Town of Carmel, Putnam County, New York, authorized an increase and improvement of the facilities of the Carmel Water Districts Nos. 1, 2, 3, 8, 9, 10, 13 and 14, being in each such district, the construction of improvements to the district water tank or shared water tank and related equipment and site improvements, including original furnishings, equipment, machinery, apparatus, appurtenances, and incidental improvements and expenses in connection therewith, at a maximum estimated cost of \$25,315 to Carmel Water District No. 1, \$2,762,615 to Carmel Water District No. 2, \$282,538 to Carmel Water District No. 3, \$360,296 to Carmel Water District No. 8, \$40,184 to Carmel Water District No. 9, \$53,658 to Carmel Water District No. 10, \$35,221 to Carmel Water District No. 13, and \$431,063 to Carmel Water District No. 14; and

WHEREAS, by Order dated July 21, 2021, said Town Board called a joint public hearing on the question of the increase in the aggregate maximum estimated cost of said project of \$943,000 allocated to said water districts as hereinafter provided, at a new aggregate maximum estimated cost of \$4,933,890; and

WHEREAS, notice of said public hearing was duly published and posted in the manner and within the time provided by law and such public hearing was duly held at the time and place specified in said notice at which all persons interested in the subject matter thereof were duly heard; and

WHEREAS, said Town Board has duly considered the evidence given at said public hearing; NOW, THEREFORE, BE IT

ORDERED, by the Town Board of the Town of Carmel, Putnam County, New York, as follows:

Section 1. Upon the evidence given at the aforesaid public hearing, it is hereby found and determined that it is necessary and in the public interest to increase and improve the facilities of the Carmel Water Districts Nos. 1, 2, 3, 8, 9, 10, 13 and 14, in the Town of Carmel, Putnam County, New York, in the manner described in the preambles hereof, at a new maximum estimated cost of \$52,915 to Carmel Water District No. 1 (an

increase of \$27,600), \$3,062,615 to Carmel Water District No. 2 (an increase of \$300,000), \$362,538 to Carmel Water District No. 3 (an increase of \$80,000), \$535,796 to Carmel Water District No. 8 (an increase of \$175,500), \$165,184 to Carmel Water District No. 9 (an increase of \$125,000), \$112,158 to Carmel Water District No. 10 (an increase of \$58,500), \$73,621 to Carmel Water District No. 13 (an increase of \$38,400), and \$569,063 to Carmel Water District No. 14 (an increase of \$138,000)), and said increases and improvements is hereby authorized and approved.

Section 2. This Order shall take effect immediately.

Resolution

Offered by: _____

Seconded by: _____

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	_____	_____
Michael Barile	_____	_____
Frank Lombardi	_____	_____
Suzanne McDonough	_____	_____
Kenneth Schmitt	_____	_____

RESOLUTION #1-B

A RESOLUTION AUTHORIZING THE ISSUANCE OF AN ADDITIONAL \$943,000 BONDS OF THE TOWN OF CARMEL, PUTNAM COUNTY, NEW YORK, TO PAY PART OF THE COST OF THE INCREASE AND IMPROVEMENT OF THE FACILITIES OF the CARMEL WATER DISTRICTS NOS. 1, 2, 3, 8, 9, 10, 13 AND 14 IN AND FOR SAID TOWN.

WHEREAS, the Town Board of the Town of Carmel, Putnam County, New York, on August 21, 2019 and July 1, 2020, duly adopted bond resolutions authorizing the issuance of an aggregate \$3,990,890 serial bonds of said Town to pay the cost of the increase and improvement of the Carmel Water Districts Nos. 1, 2, 3, 8, 9, 10, 13 and 14, in and for the Town of Carmel, Putnam County, New York (the "Water Districts"), being in each such district, the construction of improvements to the district water tank or shared water tank and related equipment and site improvements, including original furnishings, equipment, machinery, apparatus, appurtenances, and incidental improvements and expenses in connection therewith, and

WHEREAS, said capital project has been determined to be a Type II Action, with a Negative Declaration pursuant to the regulations of the New York State Department of Environmental Conservation promulgated pursuant to the State Environmental Quality Review Act ("SEQRA"), the implementation of which as proposed, as such it has been determined will not result in any significant environmental adverse effect; and

WHEREAS, it has now been determined that the maximum estimated cost of such class of objects or purposes is \$4,933,890, an increase of \$943,000 over that previously authorized; and

WHEREAS, it is now desired to authorize the issuance of an additional \$943,000 bonds of said Town for such class of objects or purposes to pay a portion of the cost thereof; NOW, THEREFORE,

BE IT RESOLVED, by the affirmative vote of not less than two-thirds of the total voting strength of the Town Board of the Town of Carmel, Putnam County, New York, as follows:

Section 1. For the class of objects or purposes of paying additional costs of the increase and improvement of the Carmel Water Districts Nos. 1, 2, 3, 8, 9, 10, 13 and 14, in and for said Town of Carmel, Putnam County, New York, being in each such district, the construction of improvements to the district water tank or shared water tank and related

equipment and site improvements, including original furnishings, equipment, machinery, apparatus, appurtenances, and incidental improvements and expenses in connection therewith, there are hereby authorized to be issued an additional \$943,000 bonds of the Town of Carmel, Putnam County, New York, pursuant to the provisions of the Local Finance Law.

Section 2. It is hereby determined that the maximum estimated cost of such class of objects or purposes is now determined to be \$4,933,890, which class of objects or purposes is hereby authorized at said maximum estimated cost, and that the plan for the financing thereof is as follows:

- a) by the issuance of the \$2,728,390 bonds of said Town authorized to be issued pursuant to bond resolution dated and duly adopted August 21, 2019;
- b) by the issuance of the \$1,262,500 bonds of said Town authorized to be issued pursuant to bond resolution dated and duly adopted July 1, 2020; and
- c) by the issuance of the additional \$943,000 bonds of said Town authorized to be issued pursuant to this bond resolution.

Section 3. It is hereby determined that the period of probable usefulness of the aforesaid class of objects or purposes is forty years, pursuant to subdivision 1 of paragraph a of Section 11.00 of the Local Finance Law, calculated from the date of issuance of the first obligations for said class of objects or purposes.

Section 4. The faith and credit of said Town of Carmel, Putnam County, New York, are hereby irrevocably pledged to the payment of the principal of and interest on such obligations as the same respectively become due and payable. An annual appropriation shall be made in each year sufficient to pay the principal of and interest on such obligations becoming due and payable in such year. To the extent not paid from monies raised in said Water Districts in the manner provided by law, there shall annually be levied on all the taxable real property in said Town a tax sufficient to pay the principal of and interest on such obligations as the same become due and payable.

Section 5. Subject to the provisions of the Local Finance Law, the power to authorize the issuance of and to sell bond anticipation notes in anticipation of the issuance and sale of the serial bonds herein authorized, including renewals of such notes, is hereby delegated to the Supervisor. Such notes shall be of such terms, form and contents, and

shall be sold in such manner, as may be prescribed by said Supervisor, consistent with the provisions of the Local Finance Law.

Section 6. The powers and duties of advertising such bonds for sale, conducting the sale and awarding the bonds, are hereby delegated to the Supervisor, who shall advertise such bonds for sale, conduct the sale, and award the bonds in such manner as said officer shall deem best for the interests of said Town; including, but not limited to, the power to sell said bonds to the New York State Environmental Facilities Corporation; provided, however, that in the exercise of these delegated powers, said officer shall comply fully with the provisions of the Local Finance Law and any order or rule of the State Comptroller applicable to the sale of municipal bonds. The receipt of the Supervisor shall be a full acquittance to the purchaser of such bonds, who shall not be obliged to see to the application of the purchase money.

Section 7. All other matters except as provided herein relating to the serial bonds herein authorized including the date, denominations, maturities and interest payment dates, within the limitations prescribed herein and the manner of execution of the same, including the consolidation with other issues, and also the ability to issue serial bonds with substantially level or declining annual debt service, shall be determined by the Supervisor, the chief fiscal officer of such Town. Such bonds shall contain substantially the recital of validity clause provided for in Section 52.00 of the Local Finance law, and shall otherwise be in such form and contain such recitals, in addition to those required by Section 51.00 of the Local Finance Law, as the Supervisor shall determine consistent with the provisions of the Local Finance Law.

Section 8. The Supervisor is hereby further authorized, in such officer's discretion, to execute a project finance and/or loan agreement, and any other agreements with the New York State Department of Health and/or the New York State Environmental Facilities Corporation, including amendments thereto, and including any instruments (or amendments thereto) in the effectuation thereof, in order to effect the financing or refinancing of the object or purpose described in Section 1 hereof, or a portion thereof, by a bond, and/or note issue of said Town in the event of the sale of same to the New York State Environmental Facilities Corporation.

Section 9. The power to issue and sell notes to the New York State

Environmental Facilities Corporation pursuant to Section 169.00 of the Local Finance Law is hereby delegated to the Supervisor. Such notes shall be of such terms, form and contents as may be prescribed by said Supervisor consistent with the provisions of the Local Finance Law.

Section 10. The validity of such bonds and bond anticipation notes may be contested only if:

- 1) Such obligations are authorized for an object or purpose for which said Town is not authorized to expend money, or
- 2) The provisions of law which should be complied with at the date of publication of this resolution are not substantially complied with, and an action, suit or proceeding contesting such validity is commenced within twenty days after the date of such publication, or
- 3) Such obligations are authorized in violation of the provisions of the Constitution.

Section 11. This resolution shall constitute a statement of official intent for purposes of Treasury Regulations Section 1.150 - 2. Other than as specified in this resolution, no monies are, or are reasonably expected to be, reserved, allocated on a long-term basis, or otherwise set aside with respect to the permanent funding of the object or purpose described herein.

Section 12. This resolution, which takes effect immediately, or a summary thereof, shall be published in summary form in the official newspaper, together with a notice of the Town Clerk in substantially the form provided in Section 81.00 of the Local Finance Law.

Resolution

Offered by: _____

Seconded by: _____

<u>Roll Call Vote</u>	<u>YES</u>	<u>NO</u>
Robert Schanil	_____	_____
Michael Barile	_____	_____
Frank Lombardi	_____	_____
Suzanne McDonough	_____	_____
Kenneth Schmitt	_____	_____

ROBERT LAGA
Chairman

NICHOLAS FANNIN
Vice Chairman

RICHARD FRANZETTI, P.E.
Wetland Inspector

ROSE TROMBETTA
Secretary

TOWN OF CARMEL
ENVIRONMENTAL CONSERVATION BOARD



60 McAlpin Avenue
Mahopac, New York 10541
Tel. (845) 628-1500 - Ext. 190
www.ci.carmel.ny.us

BOARD MEMBERS

Edward Barnett
Anthony Federice
Nicole Sedran

MEMORANDUM

To: Town Board

From: Rose Trombetta *rt*

Date: July 28, 2021

Subject: Return of Partial Fee for a Wetland Permit Application

Please be advised that on July 1, 2021 the Environmental Conservation Board granted a letter of permission for Luca Racanelli, 22 Fulmar Road, Tax Map #65.19-1-21. The applicant was charged \$1,000.00 for a wetland permit application when he should have been charged \$150.00 for a letter of permission. It is requested that a refund of \$850.00 be returned to the applicant.

Luca Racanelli
22 Fulmar Road
Mahopac, NY 10541

For your approval.

8/11/2021 Work Session Agenda Item #2

Richard J. Franzetti, P.E.
Town Engineer



(845) 628-1500
(845) 628-2087
Fax (845) 628-7085

Office of the Town Engineer
60 McAlpin Avenue
Mahopac, New York 10541

MEMORANDUM

To: Carmel Town Board

From: Richard J. Franzetti P.E. Town Engineer 

Date: August 4, 2021

Re: C-266 CWD New Water Main

As the Board is aware the Engineering Department solicited proposals from qualified Engineering to provide prepare bid documents and specifications and construction administration for the water distribution system upgrades in Carmel Water District 2. The Board has authorized John Robert Folchetti and Associates to prepare plans and specification necessary to go out to Bid for this work.

As the Board may recall this project includes a new main in the backlot between Kelly Road and Stoneleigh Avenue.

On Thursday, July 29, 2021 at 11:00 am Bids were opened by the Town Clerk for the above project. The bid summary as prepared by JRFA is provided in the attached.

Legacy Supply, LLC was the lowest bidder at \$589,995.00. The Engineer's estimate for this work was between \$225 \$250 per foot of pipe to be installed. The low bid translates to \$427.50 per foot for the 1,380 feet of pipe bid on this project.

All bids are higher than the Engineer's estimated unit cost. That estimate assumed that 7,000 feet of pipe would be bid. All three (3) bidders were personally contacted. When questioned, the two (2) high bidders indicated that they had been met in the field by the owner of 77 Hughson Road during their site visits. Both of them identified potential legal conflict during construction as contributing to their cost estimates. Additionally, 2021 pricing for construction materials is significantly higher than at the time the estimates were made. The combination of higher material costs, the reduced scope of work and potential owner conflict have contributed to higher than estimated unit costs for this project.

Based on an evaluation of bid amounts, experience of bidder and project references we recommend that the Contract be awarded to Legacy Supply LLC as the lowest responsible bidder for this project.

Tel: (845) 628-1500 Fax: (845) 628-7085 email rjf@ci.carmel.ny.us

Town of Carmel
60 McAlpin Avenue
Carmel, New York 10541

**CARMEL WATER DISTRICT NO. 2
KELLY ROAD BACKLOT WATERMAIN REPLACEMENT**

C-C266

BID EVALUATION and RECOMMENDATION to AWARD

August 2021



J. ROBERT FOLCHETTI & ASSOCIATES, L.L.C.
CIVIL / ENVIRONMENTAL ENGINEERS

**31 SODOM ROAD
BREWSTER, NEW YORK 10509
Tel. (845) 363-1560**

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ENCLOSURES

ATTACHMENT A: BID TABULATION

ATTACHMENT B: CONTRACTOR REFERENCE SHEETS

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ENCLOSURES

ATTACHMENT A: BID TABULATION

ATTACHMENT B: CONTRACTOR REFERENCE SHEETS

1.0 EXECUTIVE SUMMARY

The office of J. Robert Folchetti & Associates (JFRA) has completed the Engineer's evaluation of bids received by the Town of Carmel for the Carmel Water District No. 2 Kelly Road Backlot Watermain Replacement Project. Bid documents were prepared by JRFA and bids were opened and recorded by representatives of the Town on July 29, 2021.

A total of five (5) sets of bid documents were picked up by prospective bidders in response to the advertised invitation to bid. All five (5) contractors attended the mandatory June 30, 2021 pre-bid meeting. Three (3) addenda were issued by JRFA in response to questions and comments forwarded by prospective bidders to amend/clarify information contained in the bid documents and to amend the bid date.

The results of the Engineer's bid tabulation indicate that Legacy Supply, LLC submitted the lowest numerical bid for the project.

2.0 RECEIPT OF BIDS

Bids were received for the Carmel Water District No. 2 Kelly Road Backlot Watermain Replacement Project at 10:00 AM on July 29, 2021. Of the five (5) prospective contractors in attendance at the pre-bid meeting, three (3) submitted bids representing a response rate of sixty percent.

Table-1 below includes a summary of the bids received, arranged in ascending order of the total bid amount.

TABLE-1

**TOWN OF CARMEL
KELLY ROAD BACKLOT WATERMAIN REPLACEMENT**

BIDDER	TOTAL BID AMOUNT	CONTACT
1. Legacy Supply, LLC	\$589,995.00	Lisa Cassidy
2. Yonkers Excavating Corp.	\$819,926.39	George Calauti
3. Brennan Construction Co.	\$1,033,975.00	James Brennan

3.0 BID EVALUATION

The attached Bid Tabulation form includes a summary description of the required forms/information to be submitted by each bidder along with verification that said materials were completed and provided by each bidder in accordance with the Contract Documents.

The Engineer's estimate for this work was between \$225 and \$250 per foot of pipe to be installed. The low bid translates to \$427.50 for the 1,380 feet of pipe bid on this project.

All bids are higher than the Engineer's estimated unit cost. That estimate was based on the assumption that 7,000 feet of pipe would be bid. All three bidders were personally contacted. When questioned, the two (2) high bidders indicated that they had been met in the field by the owner of 77 Hughson Road during their site visits. Both of them identified potential legal conflict during construction as contributing to their cost estimates. Additionally, 2021 pricing for construction materials is significantly higher than at the time the estimates were made. The combination of higher material costs, the reduced scope of work and potential owner conflict have contributed to higher than estimated unit costs for this project.

Provided below is a summary description of JRFA's evaluation and assessment of completed Bid Proposals submitted by each of the three (3) lowest bidders.

3.1 **Legacy Supply, LLC** (Bidder No. 1 hereinafter) submitted the lowest numerical bid amount.

3.1.1 Accuracy of the Bid

No errors were found on the bid form submitted by Bidder No.1. The sum total amount of payment Items 1A1-16 matched the total amount bid of \$589,995.00.

As indicated on the attached Bid Tabulation form, Bidder No. 1 provided all requisite forms/information in the completed Bid Proposal with the exception of a financial statement. Stipulation was made in Legacy Supply's bid that a financial package would be provided if they were the lower bidder for the project. Legacy Supply has since provided a financial statement.

3.1.2 Qualifications

Information submitted by Bidder No. 1 demonstrates general conformity of qualifications with Bid Proposal requirements. Bidder No.1 submitted a list of 15 current and completed projects of similar scope indicating that Bidder No. 1 has recent, relevant experience in this type of project work.

3.1.2a Principal Personnel

The principals have done work under this name for the past nine (9) years.

3.1.2b References

Bidder No. 1 is known to JRFA and to the Town. The quality of their work and their manpower has been repeatedly demonstrated on multiple contracts for the Town, including water main replacement work in this District. Contacting Bidder No. 1's references, as well as conducting a Dun & Bradstreet review, was not considered necessary given the history of successful project completion for the Town.

3.2 **Yonkers Excavating Corp.** (Bidder No. 2 hereinafter) submitted the second lowest numerical bid amount.

3.1.1 Accuracy of the Bid

One error was found on the bid form submitted by Bidder No.2. The sum total amount of payment Items 1A1-16 was \$557.00 dollars lower than the submitted total amount bid of \$819,926.39.

As indicated on the attached Bid Tabulation form, Bidder No. 2 provided all requisite forms/information in the completed Bid Proposal.

3.1.2 Qualifications

Information submitted by Bidder No. 2 demonstrates general conformity of qualifications with Bid Proposal requirements. Bidder No.2 submitted eleven construction projects either in progress or completed over the past 5 years indicating that Bidder No. 2 has recent, relevant experience in this type of project work.

Dun and Bradstreet (D&B) financial reports were obtained by JRFA to assist in the qualifications and company profile evaluation process. Bidder No. 2 carries a D&B Viability Score of 1, indicating a low risk level.

3.1.2a Principal Personnel

Bidder No.2 has been in business for 52 years.

3.1.2b References

A total of five references provided by Bidder No. 2 were called; three were successfully contacted and agreed to answer questions regarding the scope and quality of work performed by Bidder No. 2. All three had all worked with this firm on multiple projects. The individual reference and interview sheets are included herein as Attachment-B.

The overall rating given by the contacted references was 9.9 on a scale of 1 to 10 with 1 being the lowest and 10 being the highest numerical score. Additionally, each person interviewed indicated that they were very pleased with the quality of work performed by Bidder No 2. They found them to be professional, easy to work with, and cooperative. Interviewees reported that projects completed by Bidder No. 2 were finished within budget and on schedule.

3.3 **Brennan Construction** (Bidder No. 3 hereinafter) submitted the third lowest numerical bid amount.

3.2.1 Accuracy of the Bid

No errors were found on the bid form submitted by Bidder No.3. The sum total amount of payment Items 1A1-16 matched the total amount bid of \$1,033,975.00.

As indicated on the attached Bid Tabulation form, Bidder No. 3 provided all requisite forms/information in the completed Bid Proposal.

3.2.2 Qualifications

Bidder No. 3 is known to JRFA and to the Town. The quality of their work and their manpower has been repeatedly demonstrated on multiple contracts for the Town, including water main replacement work. Contacting Bidder No. 3's references, as well as conducting a Dun & Bradstreet review, was not considered necessary given the history of successful project completion for the Town.

3.2.2a Principal Personnel

Bidder No.3 has been in business for 35 years.

4.0 RECOMMENDATIONS

JRFA has reviewed the completed Bid Proposals submitted by each of the bidders for the Carmel Water District No. 2 Kelly Road Backlot Watermain Replacement Project.

All of the bidders evaluated herein submitted conforming bids. The two lowest bidders demonstrated recent, relevant work, and each is well known to both the Town and JRFA.

Based on an evaluation of bid amounts, experience of bidders, and project needs, we recommend that the contract be awarded to **Legacy Valve** as the lowest responsible bidder on this project for a total amount of \$589,995.00.

**ATTACHMENT A
BID TABULATION**

BID TABULATION FORM

BID TABULATION SHEET FOR: TOWN OF CARMEL WATER DISTRICT #2 KELLY ROAD BACKLOT WATERMAIN REPLACEMENT CONTRACT 266	LOCATION: TOWN OF CARMEL 60 MCALPIN AVENUE MAHOPAC, NEW YORK 10541			BID OPENING DATE: July 29, 2021	J. Robert Folchetti	
				BID OPENING TIME: 10:00 AM	& Associates	
				Page 1 of 2		
BID ITEM	CONTRACTOR:					
	Legacy Valve	Yonkers Excavating Corperation	Brennan Construction			
BID PROPOSAL FORM	X	X	X			
ACKNOWLEDGEMENT OF ADDENDA (#1, through #3) RECEIVED	X	X	X			
BID BOND (5%)	X	X	X			
BID PROPOSAL CERTIFICATIONS						
A CERTIFIED COPY OF RESOLUTION OF BOARD OF DIRECTORS	X	X	X			
B STATEMENT OF BIDDERS QUALIFICATIONS	X	X	X			
B 1 REFERENCES FOR JOBS IN PROGRESS	X	X				
B 2 REFERENCES FOR SIMILAR PROJECT WORK	X	X				
B 3 NAMES AND EXPERIENCE OF INDIVIDUALS IN FIRM	X		X			
B 4 FINANCIAL REFERENCES		X	X			
C NONCOLLUSION AFFIDAVIT	X	X	X			
D CERTIFICATE PURSUANT TO NYS MUNICIPAL LAW	X	X	X			
E EQUAL EMPLOYMENT CERTIFICATION	X	X	X			
F CERTIFICATION OF NONSEGREGATED FACILITIES	X	X	X			
G SITE VISITATION STATEMENT	X	X	X			

BID TABULATION FORM

BID TABULATION SHEET FOR:									
TOWN OF CARMEL WATER DISTRICT #2				TOWN OF CARMEL					
KELLY ROAD BACKLOT WATERMAIN REPLACEMENT				60 MCALPIN AVE					
CONTRACT C266				MAHOPAC, NY 10541					
PAYMENT ITEM NO.	PAYMENT ITEM DESCRIPTION & UNIT PRICE (IN WORDS)	UNIT OF MEASURE	EST QTY/ UNIT	Legacy Supply LLC		Yonkers Excavating Corporation		Brennan Construction	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1A1	6" DIA. DR 18 PVC	LF	800	\$ 99.00	\$ 79,200.00	\$ 150.21	\$ 120,168.00	\$ 150.00	\$ 120,000.00
1A2	8" DIA. DR 18 PVC	LF	300	\$ 114.00	\$ 34,200.00	\$ 202.13	\$ 60,639.00	\$ 300.00	\$ 90,000.00
1A3	12" DIA. DR 18 PVC	LF	50	\$ 135.00	\$ 6,750.00	\$ 211.02	\$ 10,551.00	\$ 500.00	\$ 25,000.00
1B1	12" DIA. DR 17 HDPE CASING WITH 8" DIA. DR 7 CARRIER UNDER STREAM	LF	100	\$ 700.00	\$ 70,000.00	\$ 665.65	\$ 66,565.00	\$ 1,600.00	\$ 160,000.00
1B2	8" DIA. DR 7 HDPE CARRIER	LF	130	\$ 500.00	\$ 65,000.00	\$ 415.00	\$ 53,950.00	\$ 1,600.00	\$ 208,000.00
1B3	TRENCHLESS PIPE CONSTRUCTION BY HORIZONTAL DIRECTIONAL DRILLING THROUGH ROCK	LF	50	\$ 700.00	\$ 35,000.00	\$ 1,366.55	\$ 68,327.50	\$ 3,000.00	\$ 150,000.00
1C1	BUILDING SERVICE CONNECTIONS	EA	4	\$ 2,500.00	\$ 10,000.00	\$ 4,222.97	\$ 16,891.88	\$ 6,000.00	\$ 24,000.00
1D1	6" GATE VALVES	EA	4	\$ 1,800.00	\$ 7,200.00	\$ 5,272.66	\$ 21,090.64	\$ 3,500.00	\$ 14,000.00
1D2	8" GATE VALVES	EA	2	\$ 2,100.00	\$ 4,200.00	\$ 7,728.25	\$ 15,456.50	\$ 4,500.00	\$ 9,000.00
1D3	12" INSERTION VALVES	EA	1	\$ 22,000.00	\$ 22,000.00	\$ 28,963.02	\$ 28,963.02	\$ 25,000.00	\$ 25,000.00
1.00E+01	HYDRANTS	EA	2	\$ 6,000.00	\$ 12,000.00	\$ 9,518.23	\$ 19,036.46	\$ 9,500.00	\$ 19,000.00
2	LOCATING OF EXISTING POTABLE WATERMANS, SEWER MAINS AND SERVICE LINES	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 11,433.20	\$ 11,433.20	\$ 7,500.00	\$ 7,500.00
3	ROCK EXCAVATION ZERO TO 10 FT. DEPTH	CY	360	\$ 100.00	\$ 36,000.00	\$ 187.02	\$ 67,327.20	\$ 50.00	\$ 18,000.00
4A1	TEST PITS	EA	3	\$ 6,000.00	\$ 18,000.00	\$ 2,901.18	\$ 8,703.54	\$ 4,000.00	\$ 12,000.00
5A1	2" ASPHALT CONCRETE TOP COURSE	SY	240	\$ 185.00	\$ 44,400.00	\$ 49.51	\$ 11,882.40	\$ 55.00	\$ 13,200.00
5A2	3" ASPHALT CONCRETE BINDER COURSE	SY	175	\$ 155.00	\$ 27,125.00	\$ 72.54	\$ 12,694.50	\$ 65.00	\$ 11,375.00
5A3	4" ASPHALT CONCRETE BINDER COURSE	SY	65	\$ 145.00	\$ 9,425.00	\$ 153.01	\$ 9,945.65	\$ 80.00	\$ 5,200.00
5A4	ASPHALT CONCRETE CURB	LF	40	\$ 35.00	\$ 1,400.00	\$ 178.94	\$ 7,157.60	\$ 100.00	\$ 4,000.00
6	K-CRETE BACKFILL	CY	20	\$ 190.00	\$ 3,800.00	\$ 394.18	\$ 7,883.60	\$ 375.00	\$ 7,500.00
7	CLEARING	AC	0.25	\$ 30,000.00	\$ 7,500.00	\$ 44,000.00	\$ 11,000.00	\$ 100,000.00	\$ 25,000.00
8	VEGETATED SURFACE RESTORATION	SY	1,500	\$ 11.25	\$ 16,875.00	\$ 16.59	\$ 24,885.00	\$ 3.00	\$ 4,500.00
9	TREE AND SHRUB REPLACEMENT	EA	20	\$ 150.00	\$ 3,000.00	\$ 736.76	\$ 14,735.20	\$ 1,000.00	\$ 20,000.00
10	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 65,800.00	\$ 65,800.00	\$ 32,500.00	\$ 32,500.00
11	ENVIRONMENTAL PROTECTION AND EROSION AND SEDIMENT CONTROL	LS	1	\$ 16,000.00	\$ 16,000.00	\$ 33,600.00	\$ 33,600.00	\$ 10,000.00	\$ 10,000.00
12	COLD MILLING PAVEMENT	SY	80	\$ 29.00	\$ 2,320.00	\$ 136.18	\$ 10,894.40	\$ 65.00	\$ 5,200.00
13	EXTRA EARTH EXCAVATION	CY	100	\$ 10.00	\$ 1,000.00	\$ 86.07	\$ 8,607.00	\$ 40.00	\$ 4,000.00
14	EXTRA SELECT BACKFILL	CY	100	\$ 38.00	\$ 3,800.00	\$ 137.04	\$ 13,704.00	\$ 50.00	\$ 5,000.00
15	EXTRA FOUNDATION STONE	CY	50	\$ 38.00	\$ 1,900.00	\$ 220.37	\$ 11,018.50	\$ 50.00	\$ 2,500.00
16	EXTRA CLASS "B" CONCRETE	CY	10	\$ 190.00	\$ 1,900.00	\$ 701.56	\$ 7,015.60	\$ 250.00	\$ 2,500.00
TOTAL AMOUNT BID					\$ 589,995.00		\$ 819,926.39		\$ 1,033,975.00

**ATTACHMENT B
CONTRACTOR REFERENCE SHEETS**

DATE: 8/2/2021

NAME OF CONTRACTOR: Yonkers Excavating Corp.

NAME OF REFERENCE: Southeast Mechanical, Bill Radijac

TYPE OF PROJECT: Various water & sewer projects for municipal clients & large commercial properties

	SUPERIOR			GOOD				POOR		
QUALITY OF WORK:	(10)	9	8	7	6	5	4	3	2	1
STAFF/SUBCONTRACTING:	(10)	9	8	7	6	5	4	3	2	1
ALL WORK IAW APPROVALS:	(10)	9	8	7	6	5	4	3	2	1
MEETING SCHEDULES:	(10)	9	8	7	6	5	4	3	2	1
QUALITY & EXP OF ASSIGNED PERSONNEL:	(10)	9	8	7	6	5	4	3	2	1
SHOP DRAWING SUBMITTALS:	(10)	9	8	7	6	5	4	3	2	1
WERE THEY LOW BID? <i>not always</i>	10	9	8	7	6	5	4	3	2	1
SUBMISSION OF EXTRAS:	(10)	9	8	7	6	5	4	3	2	1
AGREEABILITY ON CHANGE ORDERS:	(10)	9	8	7	6	5	4	3	2	1
GENERAL COOPERATIVENESS:	(10)	9	8	7	6	5	4	3	2	1

OVERALL EVALUATION:

Great company to work with. Responsive, professional, knowledgeable. Really know their stuff. Works with Yonkers as often as he can.

DATE: 8/3/2021

NAME OF CONTRACTOR: Yonkers Excavating Corp.

NAME OF REFERENCE: D.P. Wolff, Inc., Tony Pepe

TYPE OF PROJECT: Various tunnel installations, pipe relocations, steam line replacements

	SUPERIOR			GOOD				POOR		
QUALITY OF WORK:	10	9	8	7	6	5	4	3	2	1
STAFF/SUBCONTRACTING:	10	9	8	7	6	5	4	3	2	1
ALL WORK IAW APPROVALS:	10	9	8	7	6	5	4	3	2	1
MEETING SCHEDULES:	10	9	8	7	6	5	4	3	2	1
QUALITY & EXP OF ASSIGNED PERSONNEL:	10	9	8	7	6	5	4	3	2	1
SHOP DRAWING SUBMITTALS:	10	9	8	7	6	5	4	3	2	1
WERE THEY LOW BID?	10	9	8	7	6	5	4	3	2	1
SUBMISSION OF EXTRAS:	10	9	8	7	6	5	4	3	2	1
AGREEABILITY ON CHANGE ORDERS:	10	9	8	7	6	5	4	3	2	1
GENERAL COOPERATIVENESS:	10	9	8	7	6	5	4	3	2	1

OVERALL EVALUATION:

Use Yonkers quite often. Professional, good quality of work, on time & budget. If a monetary change in the contract is required, they are very agreeable & reasonable.

DATE: 8/2/2021

NAME OF CONTRACTOR: Yonkers Excavating Corp

NAME OF REFERENCE: R Pugni & Sons, Rich Pugni

TYPE OF PROJECT: Excavation of Curb, Sidewalks & Drainage

	SUPERIOR				GOOD				POOR	
QUALITY OF WORK:	10	9	8	7	6	5	4	3	2	1
STAFF/SUBCONTRACTING:	10	9	8	7	6	5	4	3	2	1
ALL WORK IAW APPROVALS:	10	9	8	7	6	5	4	3	2	1
MEETING SCHEDULES:	10	9	8	7	6	5	4	3	2	1
QUALITY & EXP OF ASSIGNED PERSONNEL:	10	9	8	7	6	5	4	3	2	1
SHOP DRAWING SUBMITTALS:	10	9	8	7	6	5	4	3	2	1
WERE THEY LOW BID? <i>not all the time</i>	10	9	8	7	6	5	4	3	2	1
SUBMISSION OF EXTRAS:	10	9	8	7	6	5	4	3	2	1
AGREEABILITY ON CHANGE ORDERS:	10	9	8	7	6	5	4	3	2	1
GENERAL COOPERATIVENESS:	10	9	8	7	6	5	4	3	2	1

OVERALL EVALUATION:

Definitely the right man & company for the project. Has never been let down by them, work is excellent.
Good people

J. ROBERT FOLCHETTI & ASSOCIATES, L.L.C.

CIVIL / ENVIRONMENTAL ENGINEERS

31 SODOM ROAD

BREWSTER, NEW YORK 10509

T. (845) 363-1560

8/11/2021 Work Session Agenda Item #3

Hoffmann,Anthony

From: Bodo,Michael
Sent: Tuesday, August 10, 2021 11:16 AM
To: Hoffmann,Anthony
Subject: Marine 1 Repower

Chief,

I spoke with Kenny Macdonald at the Marina, he advised me that the approximate cost of a re-power on our current boat would be about twenty-five thousand dollars. This was an informal verbal estimate by Kenny, he wanted to do some research and get more accurate numbers. I am still waiting on a written estimate and will forward it to you as soon as I get it. Kenny recommended sticking with a Yamaha outboard, which is the current make we have on the boat. I will pass along any further information once it becomes available.

Thanks,

Sgt. Michael Bodo #219

Town of Carmel Police Department
mb@ci.carmel.ny.us (845-628-1300)





TOWN OF CARMEL
POLICE DEPARTMENT
60 MCALPIN AVENUE, MAHOPAC, NY 10541
TEL (845)628-1300 FAX (845)628-2597
POLICE@CI.CARMEL.NY.US

ANTHONY HOFFMANN
CHIEF OF POLICE

MEMORANDUM

TO: Carmel Town Board
FROM: Chief Anthony Hoffmann
SUBJECT: Status of CPD Marine Unit Vessel – Marine 1
DATE: August 9, 2021

As you are aware, CPD's Marine Unit has assumed sole responsibility for patrolling Lake Mahopac this boating season. While county and state agencies have offered us emergency assistance if requested, we have been the only law enforcement presence on the lake.

CPD's Marine Unit currently operates one patrol vessel – Marine 1. Marine 1 is a 2004 21' Boston Whaler Justice Model boat. It has a commercial grade fiberglass laminate hull and is powered by one Yamaha 225 horsepower engine. This 17 year old vessel has over 1500 hours engine run time. In 2019, over \$15,000 in repairs to the hull were needed. This season we have been experiencing engine issues including a failing aluminum fuel tank, alternator problems, and the discovery of water in the engine oil, which indicates a possible head gasket engine issue. Marine Unit Supervisor Sgt. Bodo was advised by NYS Parks Marine Services staff that police patrol boat engines should be overhauled at around the 1000 hour run time mark. Sgt. Bodo has been working with Det. LoPiccolo and the staff at MacDonald Marine to perform sustaining maintenance on Marine 1 to keep the boat in service for the remainder of the season.

It is apparent that the time is upon us to make the decision to either repower Marine 1 with a new engine, or purchase a new patrol boat.

Sgt. Bodo has been researching costs and time frames for both scenarios. With an engine replacement, we are looking at a cost of approximately \$25,000 for a similarly powered Yamaha engine. This does not include labor for installation. With a new vessel, we are looking at an overall initial cost of approximately \$152,000. While there are no longer NYS contracts available for marine purchases, NYS does participate in the federal 1122 program. From the NYS OGS website, "the 1122 Program allows state and local governmental entities to save money on purchases for their counter-drug, homeland security, and emergency response activities through the use of large volume federal government contracts." This 152k would be further reduced by 50% through a grant from NYS Parks Marine Services Bureau. We are also exploring additional funding avenues to reduce the cost further. Supporting documentation for the new vessel quote is attached. While we would have to initially budget the entire amount for

the new boat, grant funding and hopefully other contributions would hopefully bring the final amount down to that of a new police vehicle. This would be of significant value as we hope to keep the new boat in service for at least the 17 years our current vessel has been operating.

Sgt. Bodo has been advised that the lead time for a new engine would be this winter at the earliest, and the lead time for a new vessel would be approximately 12 months from date of order.

This new proposed vessel, a 21TTOP-102 21' Patrol Boat from Life Proof Boats is the same size as our current boat, with a slight power upgrade to 300hp from twin 150hp engines. This was done for redundancy to ensure operations, as well as to reduce the length of the driveshaft to improve maneuverability. Our quote can be adjusted down to a single engine or reduced twin engine 125hp. The other main upgrade is the aluminum hull with a foam collar that would greatly increase durability and hopefully prevent some of the repair issues that we have encountered with our current boat.

Based on the current marine patrol coverage for Putnam County and the extended service time of our current vessel, conditions to pursue the acquisition of a new vessel are most favorable at this time. Putnam County Sheriff's Department has suspended their presence on Lake Mahopac. This fact alone lends toward acquiring a new vessel for two reasons – First, our vessel is already and will continue to pick up the slack of the missing patrol time from the PCSO. Second, NYS Parks Marine Services reimbursements are made on a county-wide basis. Without PCSO requiring funding, there will be a larger portion available (each NYS county can get up to \$200K reimbursements) for us to help fund a new boat purchase.

Sgt. Bodo and I will continue to research these options and advise you of our findings.

Respectfully submitted,



Chief Anthony Hoffmann

Hoffmann,Anthony

From: Bodo,Michael
Sent: Tuesday, June 29, 2021 2:57 PM
To: Hoffmann,Anthony
Subject: New Boat Proposal
Attachments: 21 Lifeproof Center Console.jpg; 21 T TopFlyer_Information.pdf; Carmel PD 21 Center Console w_twin Merc 115.pdf; IMS - Who We Are.pdf; Life Proof Boats About US II.pdf

Chief,

As per our discussions with the lake committee last night, I have done some preliminary research on purchasing a new patrol vessel. I have attached documentation provided to me from Inventech Marine. Inventech Marine is the parent company of Lifeproof Boats, which is one of the few boat manufacturers on federal contract that manufacture a vessel suitable for our needs. Inventech Marine handles all design, manufacturing, and sales in house. The boat would be custom built to our specifications and would take approximately one year from order to complete. The CEO of the company indicated that they do their best to shorten that time frame, but one year would be the maximum. This is just a preliminary proposal that gives us an approximate cost. Obviously we can add or remove accessories/modifications once we move forward in the design process. Some points to reiterate to the Town Board:

-I confirmed with NYS procurement rep. that NYS no longer has marine vessels on state contract. Therefore, these items can only be purchased through the 1122 federal program or through the competitive bidding process.

-Our certification in the NYS 1122 program is still valid. The process as it was explained to me is relatively simple and would only require a PDF form to be filled out by us and the prospective vendor. The form then gets forwarded to the NYS 1122 rep for approval.

-As we discussed, I think some sort of written correspondence from NYS Marine Service Bureau and Putnam County should be obtained before moving forward. Just to confirm the State reimbursement program funds are available for us to use towards our purchase.

-I am awaiting a phone call back from the government sales rep. at Inventech. I want to go into more detail about the specs of the boat, in order to get a more accurate proposal.

Thanks,

Sgt. Michael Bodo #219

Town of Carmel Police Department
mb@ci.carmel.ny.us (845-628-1300)





TOWN OF CARMEL
POLICE DEPARTMENT
60 MCALPIN AVENUE, MAHOPAC, NY 10541
TEL (845)628-1300 FAX (845)628-2597
POLICE@CI.CARMEL.NY.US

ANTHONY HOFFMANN
CHIEF OF POLICE

MEMORANDUM

TO: Carmel Town Board, Lake Mahopac Park District Committee
FROM: Chief Anthony Hoffmann
SUBJECT: July 2021 – Lake Patrol Report
DATE: August 2, 2021

CPD Marine Unit - Lake Mahopac Patrol Update – July 2021

7/1 – 7/31

Calls for Service: 30
Boater Assists: 5
Boater Disputes: 2
Vessel Stops: 14
Summonses: 1
Warnings: 14
Noise Complaints: 1 – checked, within limits, vessel undergoing testing at marina.

Patrol Coverage:

91 Hours – Includes 5 weekday assignments

Maintenance Assignments:

2 – Det. Lopiccicolo – Engine diagnostics/oil change

Training:

2 Sessions: Decibel Meter Training – NYS Parks (8 Marine Unit Members)
Sonar Training w/ Fire Department (7 CPD Members)

Note: CPD Marine 1 continues to experience engine issues. Water is being discovered in the oil, oil changes are being made about every two weeks as a result. Det. Lopiccicolo has been assigned to monitor maintenance issues and is working with MacDonald Marine to keep the boat in service.

Marine Unit members have taken the advice of the most recent Lake Committee meeting and stationed the boat in a central location in the lake to observe the greatest area, instead of a sailing patrol as in the past. As a result, proactive enforcement has seen a temporary decrease. Still enforcement is up in comparison to 2020's boating season. Additionally, Marine 1 has needed assistance to complete a vessel tow so as not to overstress the vessel's engine. CPD Marine Unit members are taking efforts to reduce the strain on the vessel's engine so that we may continue to have a presence on the lake for the remainder of the season.

Update on NYS loaner boats: Chris Fallon, Director of NYS Parks Marine Services Bureau, advises that the NYS loaner boats sent back by PCSO were not in serviceable shape to return to CPD as Sen. Harckham's office had attempted to assist us with. The boats were de-striped and sent for repair to be redeployed upstate to agencies with boats that are out of service. Mr. Fallon advises that CPD's request for a loaner vessel is on file and this request may take up to a year to fulfill. If CPD Marine 1 does go out of service, we will advise NYS Parks and be prioritized for a loaner vessel.

Update on NYS Parks Marine Reimbursement Program: Mr. Fallon further advises that this program is still in effect in Putnam County, contrary to recent rumors. With the withdrawal of PCSO from their marine patrols, there is a larger amount of funding available for reimbursement. Considering the state of CPD Marine 1, this timing may be most advantageous to acquire a new vessel for the 2022 season, with a full 50 percent reimbursement available from NYS.

Update on new vessel: Sgt. Bodo has been in contact with Life Proof Boats, in order to request a quote on a new vessel. The vessel he received a quote on is a 21' patrol boat, similar in size to our current vessel with an aluminum hull and a foam stabilizing collar. The quote and additional info is attached to this report. As stated above, this fall may be the best time to acquire a new vessel as greater funding from NYS is available. Additionally, the Lake Committee and Guardian Revival, a local philanthropic organization dedicated to military and first responder groups have offered support, potentially further reducing the budget expenditure of acquiring a new boat.

Thanks go to Sgt. Bodo and the members of the Marine Unit as they continue to manage the increase in boaters on Lake Mahopac with the mechanical challenges of Marine 1 and still provide a safe boating environment for all.

Submitted for your review.

Chief Anthony Hoffmann



Inventech Marine Solutions LLC
5626 Imperial Way SW, Bremerton WA 98312
(360) 674 -7019
Info@InventechMarine.com
www.InventechMarine.com or www.LifeProofBoats.com

IMS 21' T-TOP OR HARDTOP OUTBOARD PATROL BOAT

Detail Photos of Boat 055 built for Clark County Sheriff



Boat on Trailer w/ Fuel and Gear, easily pulled by F150 or 1500 size truck or large SUV.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

SOURCE SELECTION SENSITIVE



Can be configured with a Single outboard or Twin outboards.

This vessel was built with twin 115hp Honda outboards and performed very well at about 45mph.

We built a 21' with a single 150hp Honda and it performed 38 mph.



BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

SOURCE SELECTION SENSITIVE



All hull penetrations happen above waterline except for a single drain plug in the boat which is below waterline. All accessories are mounted to exterior brackets / plates off transom.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE



Dual transducer configuration easily adapted for ability to have a high speed chirp transducer with a side-scan transducer in combination.

BUILDERS OF

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FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

SOURCE SELECTION SENSITIVE



Three or Four Rung Ladder off stern swim deck for easy egress from water and or access to boat even when on trailer.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

SOURCE SELECTION SENSITIVE



Trailer configured with bow ladder for access when launching boat.

BUILDERS OF



&





Bow Anchor can be configured in a standard locker or a thru-hull pulpit like shown above. This allows the anchor to have a secure stored position even with a bow door.

BUILDERS OF



&





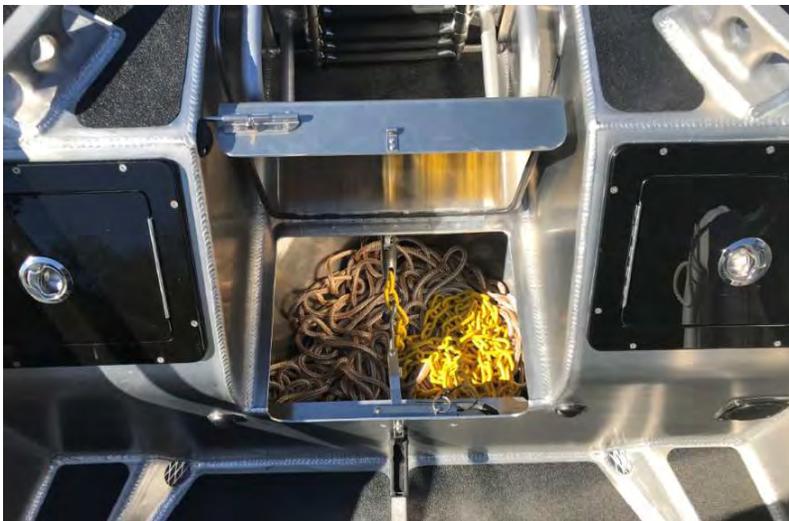
Bow LED Driving Lights (Very Bright)option.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE



With a drop bow door configuration, you still have ample anchor locker space which drains directly overboard with additional side storage.

BUILDERS OF



&





Storage locker / bench seat in front of console comfortably seats two adults.

BUILDERS OF



&





With a battery charger option, we install this simple plug on the side of the console which allows a orange extension cord to plug directly to it when the boat is stored on the trailer and you want to keep the batteries topped off.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE



Multiple options available for footrests including these simple fold-up foot-rests mounted to the console.

Also available are adjustable height footrests or just welded fixed position footrests.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE



Full Canvas packages are an option even when the console rooftop has no aft pillars supporting it like this design.

Standard in each of our base-boat packages is shock-mitigating seats which we can delete / remove if not necessary. The seats shown in this photo are Shockwave S5 suspension modules with Corbin mid-back seats, folding armrests. These seats can have height, fore-aft and swivel added to the combination as well.

BUILDERS OF



&





Standard in our hardtop police models is to use corner mounted LED alert lights made by CODE3.

NOTICE the searchlight mounted on a riser to give a good angle to the waterline for use.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE



With Four-Feet of console space, the dash arrangement can absorb quite a number of equipment installed.

BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

SOURCE SELECTION SENSITIVE



IMS manufactured a simple low-profile swivel for the above laptop docking station.

BUILDERS OF



&





We try to provide storage points wherever possible in the console including a lockable glovebox.

BUILDERS OF



&





A direct fueling point for the tank is located at the STBD aft corner of the rigging locker.

BUILDERS OF



&





Rigging lockers are customizable in layout based on what is ordered. The lower half is typically dedicated to rigging, and the top half can be configured with storage or other options including a walk-thru transom door or a bench seat.

BUILDERS OF



&



IMS

INVENTECH MARINE SOLUTIONS



BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

SOURCE SELECTION SENSITIVE

IMS

INVENTECH MARINE SOLUTIONS



BUILDERS OF

FAST
BY IMS
FOAM AIR STABILIZING TECHNOLOGIES

&

LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

SOURCE SELECTION SENSITIVE

Customer: Carmel NY PD

Date: 6/28/2021

Quote Valid for 120 Days

GSA# 47QSWA18D0015

Vessel Characteristics

Model No.	21TTOP-102
Molded Length	21'
Beam Overall (BOA)	8' - 6"
Deadrise at Transom	22 deg
Deadrise at Entry	48 deg
Engine HP	300
Engine Configuration	Single
Fuel Capacity	52 gallons
Seated Positions	7
Light Load: dry weight, weight of heaviest engines (lbs.)	3600 approx.
Sprint Speed	45+ MPH

Boat Configuration

21' x 8'6" Deep-Vee F.A.S.T "D" Shaped Foam collar with air bladder tension system, All Aluminum Open Cockpit Center Console Hard-Top Dual Gasoline Powered Outboard Patrol Enhanced
 F.A.S.T "D" Shaped Foam Collar - Color TBD
 Aluminum 35" Wide Approx. Center Console with Aluminum Hardtop, No Aft Stanchions, Glass Windscshield and Side Windows
 Full Interior Beam Rigging and Storage Lockers at Stern w/ Cushioned Seating and Backrest
 Fixed Soft-Bow w/ Anchor Locker
 Leaning Bolster (sit/stand) w/ Storage, and Folding Footrests on Console

Standard Features

Hull Features

Hull Plate:	(3/16") .190"
Side Sheet:	(3/16") .190"
Deck Plate:	(3/16") .190"
Superstructure:	(5/32") .160"

- 5086 Aluminum Plate Hull Construction
- Self Bailing Deck w/ Scuppers Aft
- 1" Aluminum Hand Rails
- Fiberglass Reinforced Bags filled with Polyethylene Foam Under Decks
- Removable Center Deck Plate for Fuel Tank Access
- Aluminum Welded, Baffled, Fuel Tank, Epoxy Coated
- Shoe Pad in Bottom Plate
- Performance Wings Below Collars for Increased Lift and Handling Capabilities
- Lifting Strakes, Interceptors and Spray Rails Tailored to Craft Configuration
- Fixed Soft Bow w/ Anchor Locker and Tow Post
- Welded Bow Eye and Welded Stern Eyes
- Stainless Steel Hardware
- Four (4) Weld-On Eight-Inch (8") Aluminum Cast Cleats
- Welded on Anode Mounts
- Sacrificial Anode for Salt / Fresh Water

Collar Features

- F.A.S.T (Foam Air Stabilized Technologies) "D" shaped Foam Collar System
- Epoxy Painted Side Sheets Behind Collar System
- Rubstrake (Black or Grey)
- Life Lines with D-Rings

Console, Dash and Hardtop

Port Helm Position with Center Binnacle
 Hydraulic Steering w/ Tilt Helm
 Anti Glare Dash Covering
 Glove Box
 Navigation Lights (LED)
 Anchor Light (LED)
 One (1) Red/White (LED) Dome Light in Under HardTop
 Eight (8) Deck Lights (LED) - AFT, Side, FWD
 Analog Fuel Gauge
 Compass
 Navigation Horn
 Two (2) 12V Electrical Plugs
 Two (2) Folding Cup Holders
 Exterior Grab Rails on Console

Seating & Upholstery

Leaning / Standing Cushioned Bolster w/ Storage
 Console Fwd Cushioned Bench Seat w/ Backrest
 Console Mounted FootRests
 Bench Seat Over Stern Rigging Locker Full Width

Rigging Features

One (1) Electric Bilge Pumps w/ auto/man/off switch 2000GPM
 EPA Compliant Fuel and Venting System
 Robust ABYC Compliant Electrical System with Dedicated House AGM Battery Bank
 One (1) Marine Grade AGM Optima Start Battery Per Engine (2-total)
 Blue Sea Marine Grade House Breaker and Fuse System
 Back-lit Switch Panel with Marine Grade Switches
 Two (2) 12VDC Marine Grade Power Receptacles - Flush Mounted in Dash

Outfit and Finish

Rubberized Non-Skid added to Deck
 American Flag and Flag Pole
 Aluminum Anode
 Two (2) Fire-Extinguishers

Select Options

Propulsion

TBD

Lighting

One (1) Remote Searchlight (LED) 200,000 Candela
 Four (4) Floodlights (LED) (mounted to rooftop)

Navigation / Communication Equipment

One (1) Garmin GPSMAP 942xs Chartplotter w/ Transducer
 One (1) Garmin 210 VHF Radio w/ AIS

Safety, Security, Rescue Equipment

Transom Ladder Heavy Duty Telescoping
 Outfit Kit including Anchor w/ Chain and Rode, Dock-Lines, Fenders, Boat Hook

GSA Base-Price

\$102,825.89

Additional Available Options	Option Price
Propulsion	
Twin Mercury 115HP Outboards, Command thrust, Includes all Necessary Rigging, Controls, Hydraulic Steering w/ Tilt Helm, Stainless Steel Propeller, All Installation and Testing	\$ 26,607.28
Packages	
Law Enforcement Package: LED Alert Lights (Four Corners), GFE Radio Install, Whelen Hailer and Siren PA	\$ 2,761.64
FLIR MD 625 FIXED	\$ 4,868.68
Tow post aft w/taft rail and fairleads over engines	\$ 2,800.00
Extend Top, aft stanchions	\$ 1,250.00
Agency Lettering	\$ 1,300.00
Galvanized Trailer	INCL
NOTE: Collar Color TBD Selected with Customer	
Total Including Electable Options*	\$ 142,413.49
*Pricing Does not Include Shipping	
Shipping Prep shrink wrap	\$ 957.18
Shipping Bremerton, Wa to Carmel, NY approx 2930 miles @\$2.75/MILE	\$8,057.50
Total	\$ 151,428.17



ABOUT US

IMS

INVENTECH MARINE SOLUTIONS

Inventech Marine Solutions, LLC

5626 Imperial Way SW

Bremerton, WA 98312

(360) 674-7019

info@inventechmarine.com

DUNS: 023821348

CAGE: 7J4G8

From the Desk of Micah Bowers, CEO

To whom it may concern,

Inventech Marine Solutions, LLC Manufacturer of Life Proof Boats and FAST Collars, would like to express our gratitude in the opportunity to bid our product offering for your solicitation.

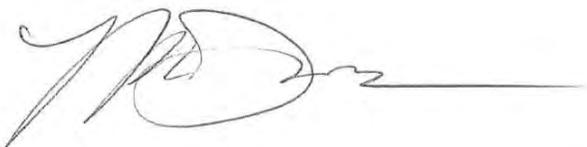
Inventech Marine Solutions (IMS) was founded in 2014 with the goal of becoming the forward most thinking company in the marine industry. Our culture builds on the ideas of looking forward to better all aspects of marine used products. We believe in designing, testing, and perfecting new technologies that focus on safety, usability, and versatility to all users.

We have had a fantastic year of growth and are currently involved in multiple technology developments. We have been growing adding manufacturing space, team members and tooling. We recently were awarded our patent for a new Hybrid Air/Foam Collar technology available in our RIB product.

We believe that quality comes from our team members. A simple philosophy: grow the team and they will grow the business. We keep a low overhead, so our customers know that every-boat has been inspected, tested and built with the oversight of the CEO.

We welcome your questions, and hope we've done our part to answer your needs and questions with this proposal.

Sincerely -

A handwritten signature in black ink, appearing to be 'MB', followed by a horizontal line extending to the right.

About us:

Life Proof Boats are built for anything life can throw at you. Our boats incorporate the newest technologies that we have developed and have--or in the process of acquiring--patents on. All of our boats are built with buoyancy collars for stability & redundant flotation, self-bailing decks, shock mitigated technologies, commercial built construction, and commercial grade materials. These characteristics make our boats stand out from the competition. IMS has built and delivered vessels for commercial service, law-enforcement, SAR, and recreational uses.

All of our products are built to current ABYC (American Bureau of Yachting Council) standards, CFR, and modern industry best practices.

IMS has been awarded a patent on our Hybrid Air/Foam Collar Manufacturing and Installation Technology.

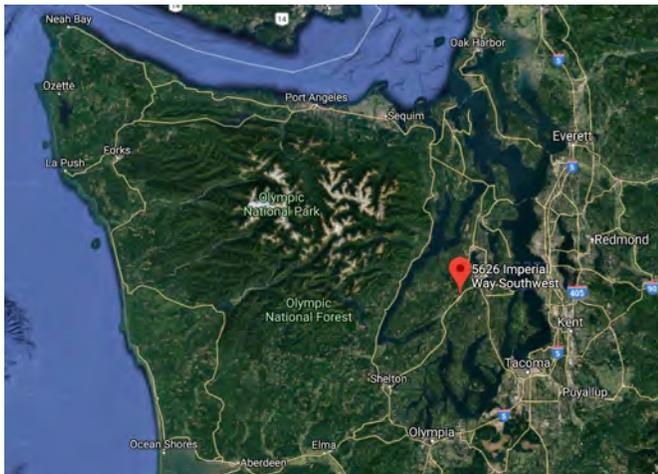
IMS has built and delivered USCG inspected SUB-T vessels.

IMS Founder Bill Hansen is also the Founder and of SAFE Boats International. Mr. Hansen has been in the Marine Industry designing and producing commercial and government used vessels for over 25 years. CEO Micah Bowers, was an engineer with SAFE Boats International, prior to leaving the company to support Bill Hansen in the startup of IMS. President Jenson R. Charnell, was the Engineering Manager and Chief Product Designer at SAFE Boats International for Eight (8) Years, and prior to that was the Lead Designer of Almar Boats and North River Boats for over Five (5) Years. Nearly every team member of IMS has been in the marine industry for a minimum of 5 years and some as long as over 20 years.

Location

IMS constructs all of our vessels within the Bremerton Industrial Park in Washington State. We have expanded within three facilities and have approximately 30,000 square feet of total manufacturing. We utilize a dedicated facility for welding, a separate dedicated facility for all of our collar manufacturing and upholstery, and a third facility which is dedicated to rigging.

Our shops are near other boat manufacturers and very near the Bremerton National Airport along Highway 3. We are 1-hour from the Seatac International Airport by car and 1-hour from Seattle via Ferry.



TOP PHOTO – East Side of our Rigging Facility

MID PHOTO – South Side of our Rigging Facility

BOTTOM PHOTO – Welding Facility, in the distance is a 42' Archangel class built SAFE Boat which at the time was 10 years old and we were performance upgrades on.

Commercial Grade Materials

Because we our boats are used in the toughest of environments, we design and build each boat with the highest quality of materials. That is why we **only use 5086 Grade Aluminum** plate in our boats.



We also engineer all of the boat's structural pieces to "egg crate" or interconnect. That is to ensure a perfect fit and add rigidity to the platforms.



Built to A High Standard

Before starting a new design, we work through principles in naval architecture to ensure all our vessels have the correct structural design, proper LCG & VCG & TCG locations, and proper waterline.



A Virtually Unsinkable Boat

Safety is paramount to what we do, and we incorporate as much as possible into our boats to ensure you stay floating if you take on a wave or breach the hull. Some features we incorporate into every include our collar system, self-bailing decks, and foam placed inside the hull.

On every Life Proof Boat is our collar system which alone makes the boat virtually unsinkable. The collar runs the entire length of the boat and works to stabilize the boat the very moment it comes into contact with the water. It's like a life jacket for your boat.

Our self-bailing decks are passive and work purely through gravity. With our design, a deck completely filled with water will clear in under two minutes.

We fill every void in the hull with FR bags filled with the same foam used in our collars to further increase flotation in the event of a hull breach. There is so much flotation, in fact, that our small platforms contain enough displacement to float *twice* the weight of the boat.



FAST stands for Foam Air Stabilized Technologies, and our collars are revolutionizing the industry. We offer collar systems in 100% foam, 100% air, and hybrid collars in any foam/air ratio depending on your application and preference. Mated with our patented collar attachment and installation systems, setup, removal, or repair of the collars are smooth and easy.

The **FAST** collars brand was established in 2015 as a state-of-the-art collar manufacturing facility to provide products for both **LIFE PROOF BOATS**, outside boat builders, and even one-off retrofits for RIBS with worn tubes.

World-Class Materials

TPU / PVC

Our primary collar material is a 40oz TPU with specs meet or exceed all other like materials available today. The same is true with our more budget-conscious PVC options, which we source from Germany.

Unlike a traditional RIB, the outer layer of our tubes is not designed to hold air--rather they are designed to protect the air-holding internal bladders from abrasion and UV damage.

FOAM

The foam we use is no typical foam. The EPE (expanded polyethylene) foam provides over 60lbs of flotation per cubic foot. It is extremely lightweight, absorbs virtually no water, is resistant to chemical and fuel exposure, resists impact and has excellent shape memory.



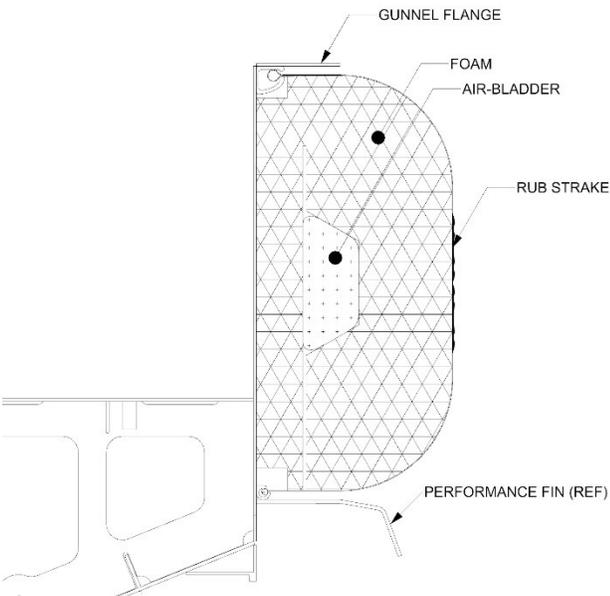
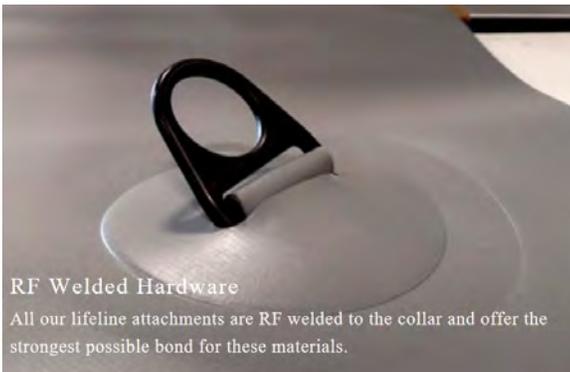
Cutting-Edge Manufacturing

From start-to-finish, we use the most effective methods to produce our products. Our powerful CAD software is used to generate the collar geometry and flatten it to generate a pattern. Then, utilizing our computer-controlled foam cutter and 60ft fabric cutting table, we can bring our computer-designed models to life with incredible precision. Lastly, all these parts are assembled by our highly skilled collar fabrication team using hot-air welders and RF welders.

We leave nothing to chance and do everything we can to ensure that we are producing the best possibly product for the best value.



Intelligent Features



Performance Fins: With Inventech Marine's performance fin, located below the collar the boat stays flat in the corners. They provide unmatched performance and greatly reduce heel in corners. IMS has developed and integrated a Fwd. Canard in the shoulder of the vessel for additional safety and performance in mixed sea-state cornering.



Figure 1: Performance Fin Aft



Figure 2: Fwd. Canard Performance Fin

Bow Pulpit: Integrated under the bow door is an anchor locker system with anchor pulpit / roller. The anchor locker is self-draining and can be configured with an integrated windlass.



Figure 3: Bow Pulpit for Anchor

Bow Door: A manually lowering bow / dive door with folding / ladder is a clean and simple integration providing greater operational capability. No maintenance design and easy to use over-center locking safety latch secures the door during normal operation. Provides easy beach or water access.



Public References:

26' Diesel Full Cabin 8.5' Beam

Washington State Parks and Recreation

27' Full Cabin 10' Beam

Cornelius Police Department

33FT Full Cabin 10' Beam

Stillaguamish Tribal Police

42' Twin Inboard Diesel, 28 Passenger Custom Aluminum Boat 12' Beam

Western Price Whale and Wildlife Tours

22' RIB

Thurston County Police Department

20' Cuddy Cabin, 23' Cuddy Cabin, 22' RIB

Seattle Boat Company

22' RIB

Pierce County Police Department

40' RIB "No Ka Oi"

Maui Snorkel Charters

40' RIB

The Magic Merman

21' Center Console & 27' Full Cabin

Clark County Police Department



DESIGNED FOR LIFE
BUILT FOR A LIFETIME



LIFE PROOF BOATS
BY IMS
BOATS BUILT FOR LIFE

LIFE PROOF BOATS
BY IMS

*“A ship in harbor is safe,
but that is not what ships are built for.”*

- John Augustus Shedd

LifeProofBoats.com | 360.674.7019

LIFE PROOF BOATS
BY IMS

WELCOME

PROFESSIONALLY HAND CRAFTED BOATS

BUILT FOR ANY LIFESTYLE ON THE WATER



Life Proof Boats are professionally hand crafted all aluminum boats, tailored around the multi-cultured lifestyle we want to experience on the water. Our deep vee hulls provide world class comfort in ride quality, while our industry leading foam stabilized collar systems provide the ultimate in safety & stability. With an extensive catalog of models and a professional engineering team on staff, we can create any vessel to suit your on water needs.

With closed cell polyethylene foam under the decks, and our F.A.S.T. (Foam Air Stabilized Technologies) external buoyancy collar systems, our boats are considered virtually un-sinkable.



With a model line ranging from 15 to 50ft and prices that start around \$50K there is truly a Life Proof Boat for everyone. Feel empowered to enjoy the water on your own terms with confidence you are in one of the safest boats ever built. Whether its fishing, cruising, or watersports, you will find a Life Proof Boat that provides a premium level of comfort and inspiring features.



Pleasure/Tenders



Commercial/Passenger



Fishing



Adventure Seekers

“Unlike so many other builders, our vessels are not constructed in a mold, this freedom allows us to individually create the perfect boat for your application.”

LifeProofBoats.com | 360.674.7019

LIFE PROOF BOATS
BY IMS

FEATURES & OPTIONAL UPGRADES



FOLDING BOW DOOR

One of our signature features is our manually actuated bow doors. Giving easy access to a beach or dock. Mounted to the door is a telescoping ladder



HELM DESIGN

Professional layouts tailored to your specific requirements. Options include, drop pan seats & integrated engine controls into seat armrests.



ARCH/FLIR

Our extensive working history with professional clients gives us the tools to solve complex roof solutions.



FACILITIES

All of our full cabins offer the option of being able to have a toilet system with overboard macerating pump.



GALLEY

With any of our boats we can fit a full galley with all the latest in high quality materials & equipment.



PROPULSION

We offer engines from all major OEM brands. We are geared to fit our boats with the latest innovations in the industry.

FAST COLLAR SYSTEMS

LIFE PROOF BOATS COLLAR ADVANTAGES

FAST is the in-house collar manufacture for Life Proof Boats. FAST's patented collar systems utilize the very best in materials found all over the world. Our skilled team is revolutionizing the collared boat industry with innovative solutions.

ADVANTAGES

Increased Stability



Soft Sided/ Durability



Added Flotation



Life Proof Boats utilizes two primary collar systems on their boats. A majority foam "D"-shaped collar or our patented 80% foam, 20% air hybrid round system. The collar system chosen for your boat will be a factor of the boats overall appeal to your boating lifestyle. There are advantages to either system.

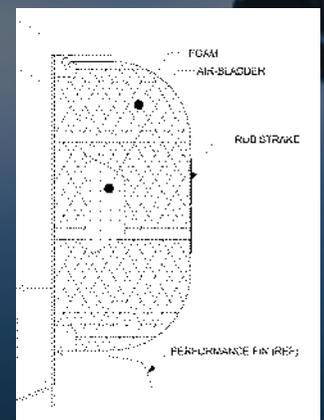
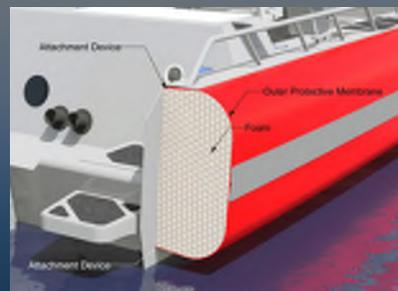
80% Foam / 20% Air



80% FOAM, 20% AIR



"D" Shaped Foam



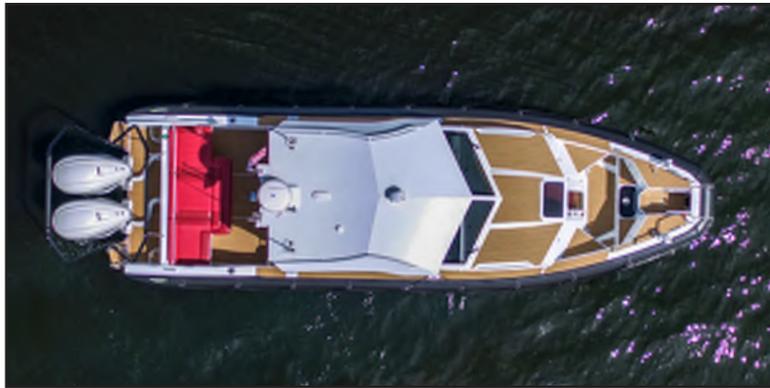
Polyurethane Color Chart. Contact Us for PVC Options



White Yellow Orange Red Magenta Dark Blue Blue 6814 Blue 6751 Green Black Grey

FASTcollars.com | 360.674.7019









MAHOPAC VOLUNTEER FIRE DEPARTMENT



8/11/2021 Work Session Agenda Item #4

Post Office Box 267
Mahopac, NY 10541

Fire Headquarters
741 Route Six

Emergency Dial 911
Phone: (845) 628-3160
Fax: (845)628-2174

August 4, 2021

Ann Spofford, Town Clerk
Town of Carmel
55 McAlpin Av
Mahopac, NY 10541

Dear Ann,

Please make the following changes to the Active membership of the Mahopac Volunteer Fire Department Inc.

Add The Following New Member

Jenna Magliari [REDACTED], Mahopac, NY 10541

Thank you for your assistance with this matter.

Sincerely,

Edward J. Scott

Edward J Scott
Ex-Chief
Corresponding Secretary
Edward.Scott@MahopacVFD.com

