

Beaver Island Transportation Authority

**P.O. Box 426
Beaver Island, MI 49782**

(231) 448-3049

Nonurban City

Ferry Service

Annual Budgeted

2023

Total Eligible Expenses: \$728,725

Comments: Request for funding over 15% of FY21 expenses:-

FY21 - 160,000 gallons fuel average price 1.896. Current prices ranging from 2.579 to 2.949.

Vessel annually allowed 50,000 for repairs. Many repairs were done at drydock in 2019. Expenditures in this category have been down.

Legal - Management Agreement between BIBCO and BITA will be expiring.

Insurance - added in slight increase should fork trucks and a plow truck be procured.

FY21 expenditures down in the following areas due to COVID:

cleaning - building not being utilized as normally would

travel - have not been attending meetings/training



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Revenue Schedule Report

Code	Description	Amount
409 :	Local Revenue	
40910	Local Operating Assistance (-)	\$364,363
411 :	State Formula and Contracts	
41101	State Operating Assistance (-)	\$364,362
Total Revenues: \$728,725		

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**Beaver Island Transportation Authority
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Expense Schedule Report

Code	Description	Amount
501 :	Labor	
50102	Other Salaries & Wages (-)	\$63,000
502 :	Fringe Benefits	
50200	Fringe Benefits (-)	\$18,200
503 :	Services	
50302	Advertising Fees (-)	\$1,000
50305	Audit Costs (-)	\$9,500
50399	Other Services (-bank charges/cleaning/consultant/legal/freight/trash)	\$10,200
504 :	Materials and Supplies	
50401	Fuel & Lubricants (-)	\$468,000
50404	Major Purchases (Explain in comment field) (-50,000 vessel/grounds/building/maintenance)	\$58,000
50499	Other Materials & Supplies (-)	\$4,750
505 :	Utilities	
50500	Utilities (-)	\$34,575
506 :	Insurance	
50603	Liability Insurance (-hull/general)	\$58,000
509 :	Misc Expenses	
50902	Travel, Meetings & Training (-)	\$3,000
50903	Association Dues & Subscriptions (-)	\$200
50999	Other Misc Expenses (Explain in comment field) (-copy machine rent)	\$300
Total Expenses: \$728,725		

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**Beaver Island Transportation Authority
Nonurban City
Ferry Service
Annual Budgeted
2023**

Total Ineligible Expenses: \$0

Total Eligible Expenses: \$728,725

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**Beaver Island Transportation Authority
Capital Requests For FY 2023**

Req. Yr	Program	Item Description/Justification	Federal Amount	State Amount	Local Amount	Total Amount	Action	Status
2023								
MARINE PASSENGER								
Requested: 1	Equipment	Desc:passenger area renovations to include replacement of carpet/seating/tables/flooring/bathroom upgrades Justn:passenger area renovations/passenger area is showing wear from use	\$0	\$160,040	\$17,782	\$177,822	REPLACE	PRE-REQUESTED
Sub Total By Program Type			\$0	\$160,040	\$17,782	\$177,822		
Sub Total By Request Year			\$0	\$160,040	\$17,782	\$177,822		
Grand Total			\$0	\$160,040	\$17,782	\$177,822		

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FY 2023 SERVICE DEVELOPMENT AND NEW TECHNOLOGY (SDNT) APPLICATION

Name Of Applicant (legal organization name)

Beaver Island Transportation Authority

Name of Applicant's Project Manager

Tina Makarewicz

Project Manager Phone #

9897323832

Project Manager Email Address

MakarewiczT@michigan.gov

Project Title

Propulsion Systems Feasibility Study

Project Objective (Explain why the project is needed, what is the existing issue to be resolved, what the purpose or goal of the project is, how this project will resolve the issue, who will benefit from the project, and who the target audience of the project is. How will you achieve the project's purpose or goal? Who will conduct the project? What methods do you anticipate using and why do you prefer these methods? Why do you think these methods are the best choice for the target audience and what are the anticipated results? How will you communicate these results to the target audience? Please include any additional relevant information about the project and its expected impacts and outcomes.)

The project objective is to determine if and what type of alternative propulsion system could be implemented on the M/V Emerald Isle and the ferry vessel that was designed in 2012, but not yet constructed, to better meet or exceed the EPA's Clean Air Act. Is an alternative fueled propulsion system a possibility based on the distance of travel from Charlevoix to Beaver Island with common conditions on Lake Michigan? Can this be accomplished within current technology parameters? A feasibility study by naval architectural firm is needed to examine these issues and make recommendations to the Beaver Island Transportation Authority.

A study will examine the following issues:

The M/V Emerald Isle is powered by twin Caterpillar 3512Bs diesel engines and two 3304 diesel generators, and a 3116 diesel powered bow thruster. These engines are original (vessel launched 1997) and have been rebuilt several times. Should an alternative propulsion system be considered? If so, what options are feasible? What would have to be replaced/modified on the vessel to make it functional with proposed alternate technology propulsion systems? Would it be financially beneficial over the long term to remain with just upgraded diesel engines that meet the EPA's Clean Air Act? What would projected costs be for proposed options?

A proposed new vessel was designed in 2012 and has not yet been funded. This vessel was designed utilizing diesel engines. Could the vessel plans be altered to accommodate a different type of propulsion system? If so, what type(s) of propulsion systems would be recommended and what is the estimated cost for a vessel redesign and construction costs with alternate propulsion systems?

Docks

If electric or another energy source is considered a viable alternative to diesel what are the infrastructure needs and projected costs required on the docks? Does the Island have these capabilities? Are they available at the mainland dock? What are estimated infrastructure costs and cost of charging/storing fuel?

The target group is the Beaver Island Transportation Authority and those using ferry transportation from the mainland to Beaver Island. It would also be useful for other ferry providers in Michigan who are considering moving away from diesel propulsion to alternative propulsion technologies. A final report from a naval architectural firm with their recommendations, and a tentative schedule to accomplish the tasks required to meet a possible repower and infrastructure support at dock locations is the anticipated work product.

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PROJECT AND DELIVERABLES: What will be produced and/or implemented using the results of this project?

A report would include the following:

M/V Emerald Isle:

- What type of alternative propulsion system is recommended if possible?
- What would have to be replaced/modified on the vessel?
- What would be the average and maximum traveling speed?
- An estimated cost/specifications for a naval engineer to draft plans for another type of propulsion system.
- Cost analysis of diesel vs alternative fueled engines/maintenance/energy usage
- Effects on space and weight

2012 Vessel Plans for New Ferry

~~What type of alternative propulsion systems are available and recommended if possible?~~

What is the timeframe for the project? Projects are expected to begin within six months of an executed authorization. Please complete estimated milestone dates:

Solicitation Issued:

Contract Awarded:

Contract Completed:

See additional copy for rest of wording

PROJECT SUPPORT Note: Provide letters of support- if the project is within a transit agency's geographical area, letters of support and coordination from the local transit agency must be provided.

BUDGET (If project will have multiple activities, or is paid based on milestone progress, split budget accordingly; otherwise show as one activity with the total amount being requested.)

ACTIVITY/ITEM	FEDERAL	STATE	LOCAL	TOTAL
	\$ 72,000	\$ 18,000	\$	\$ 90,000
TOTAL	\$ 72000	\$ 18000	\$	\$ 90000

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FY23 Service Development and New Technology Application

Project Objective (Explain why the project is the needed, what is the existing issue to be resolved, what the purpose or goal of the project is, how this project will resolve the issue, who will benefit from the project, and who the target audience of the project is. How will you achieve the project's purpose or goal? Who will conduct the project? What methods do you anticipate using and why do you prefer these methods? Why do you think these methods are the best choice for the target audience and what are the anticipated results? How will you communicate these results to the target audience? Please include any additional relevant information about the project and its expected impacts and outcomes.) *

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2012 Vessel Plans for New Ferry

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Beaver Island/Charlevoix docks

- If electric or another source is available what are the infrastructure needs required on the docks? Does the Island and the City of Charlevoix have the suggested capabilities?
- Estimated cost and specifications for engineering to be completed.

1/3/2022

SDNT draft app

FY 2023 5333(b) LABOR WARRANTY

Name Of Applicant (legal organization name)

Beaver Island Transportation Authority

is applying for Section 5311, 5311(f), and/or 5339 funding under Federal Transit Law, as amended, for the application year. We will be bound by the provisions of this special 5333(b) [former 13(c)] labor warranty for the period of the grant.

Does a union represent the applicant's employees? Yes No

Does agency use a third party transportation provider? Yes No

Indicate third party transportation provider and their union representation provider or none. (Agency hired by the applicant to perform public transportation services)

Third Party : Union Names: None

Are there other surface transportation providers in your area? Yes No

Note: Do not include school bus transportation providers and their unions

Indicate surface transportation providers and their union representation or none. (Providers serving the general public, including public agencies, private providers, and/or non-profit providers and their unions in your jurisdictional area)

Provider :	<input type="text" value="Charlevoix Transit"/>	Union Names:	<input type="text"/>	None <input checked="" type="checkbox"/>
Provider :	<input type="text"/>	Union Names:	<input type="text"/>	None <input type="checkbox"/>
Provider :	<input type="text"/>	Union Names:	<input type="text"/>	None <input type="checkbox"/>
Provider :	<input type="text"/>	Union Names:	<input type="text"/>	None <input type="checkbox"/>
Provider :	<input type="text"/>	Union Names:	<input type="text"/>	None <input type="checkbox"/>

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FY 2023 ADA COMPLAINT INFORMATION

You must retain copies of complaints for at least one year and a summary of all complaints for at least five years.

Name Of Applicant (legal organization name)

Beaver Island Transportation Authority

Has the agency been named in any lawsuits or complaints in the last year which allege an individual was discriminated against or denied full participation in transportation based on disability.

Yes No

In the last year, have you had ADA compliance review conducted on your transportation program as part of an overall FTA or MDOT Compliance Review?

Yes No

Have any changes been made to your ADA Complaint Policy?

Yes No

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FY 2023 CONTRACT CLAUSES CERTIFICATION

Certification 1

I acknowledge that I have reviewed a copy of the Contract Clauses. I understand that the nature of the project will determine which requirements of the contract clauses apply and I will comply with all applicable clauses for all FTA-funded contracts for the application year.

Name Of The Person Authorized To Sign A Contract Or Project Authorization

Mary Cook

Legal Organization Name

Beaver Island Transportation Authority

Title Of Authorized Signer

Executive Director

Signature Of Authorized Signer ** (See Below) Date

12/22/2021

Board Chair Information:

Name*

Mark Engelsman

Phone* (###)###-####

630-488-2949

Email*

bihappypaddle@gmail.com

* If the organization has a master agreement with MDOT, the organization name must match the name as it appears on the master agreement. Organizations with multiple contracts must submit multiple contract clauses certifications.

** If the organization has a master agreement with MDOT, the signature must be the same as the authorized signer of the master agreement or an individual with legal authority to sign a project authorization for the organization. Your agency can change, add or remove an authorized signer at any time by completing a signature resolution.

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FY 2023 FTA CERTIFICATIONS AND ASSURANCES

Name Of Applicant (legal organization name)

Beaver Island Transportation Authority

The Applicant agrees to comply with the applicable requirements of categories below. *
Those requirements that do not apply to you or your project will not be enforced.

<u>Categories</u>	<u>Descriptions</u>
01.	Certifications and Assurances Required of Every Applicant.
02.	Public Transportation Agency Safety Plans.
03.	Tax Liability and Felony Convictions.
04.	Lobbying.
05.	Private Sector Protections.
06.	Transit Asset Management Plan.
07.	Rolling Stock Buy America Reviews and Bus Testing.
08.	Formula Grants for Rural Areas.
09.	Grants for Buses and Bus Facilities and Low or No Emission Vehicle Deployment Grant Programs.
10.	Enhanced Mobility of Seniors and Individuals with Disabilities Programs.
11.	Alcohol and Controlled Substances Testing.
12.	Demand Responsive Service.
13.	Interest and Financing Costs.
14.	Construction Hiring Preferences.

FTA and MDOT intend that the certifications and assurances the Applicant has selected on this form should apply, as required, to each project for which the Applicant seeks FTA assistance during application year.

The Applicant affirms the truthfulness and accuracy of the certifications and assurances it has made in the statements submitted herein with this document, and acknowledges that the provisions of the program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. 3801 et.seq., and implemented by DOT regulations, 'Program Fraud Civil Remedies,' 49 CFR part 31 apply to any certification, assurance, or submission made to FTA. The criminal fraud provisions of 18 U.S. C. 1001 may apply to any certification, assurance, or submission made in connection with any program administered by FTA.

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FY 2023 TITLE VI INFORMATION

Name Of Applicant (legal organization name)

Beaver Island Transportation Authority

All FTA funds recipients, except for urban agencies that receive all of their FTA funds directly from FTA, must submit the following information that covers the period since your last MDOT application. First-time applicants should submit information for the previous fiscal year.

1. Are there any active lawsuits or complaints naming the applicant that allege discrimination based on race, color or national origin with respect to service or other transit benefits?

Yes No

2. Have you had any Title VI compliance review activities conducted with regard to your transportation program, including triennial compliance reviews conducted by FTA and/or MDOT?

Yes No

3. When was your last title VI program approved by MDOT or FTA MM/DD/YYYY

4. Has your Title VI Coordinator/EEO Officer changed during the reporting period or since your last Title VI Plan was approved?

Yes No

5. Has your organization had any projects and/or service change that have Title VI, Limited English Proficiency (LEP), or Environmental Justice (EJ) impacts? Service change includes service expansion/reduction, route and/or hour changes, etc

Yes No

6. During this reporting period, how were your employees educated about Title VI and their responsibility to ensure non-discrimination in any of your programs, services, or activities?

Employees receive copy of the policy.

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FY 2023 RESOLUTION OF INTENT

The approved resolution of intent to apply for state formula operating assistance for fiscal year 2023 under Act 51 of the Public Acts of 1951, as amended.

WHEREAS, pursuant to Act 51 of the Public Acts of 1951, as amended (Act 51), it is necessary for the Beaver Island Transportation Authority (hereby known as THE APPLICANT) established under Act 196 to provide a local transportation program for the state fiscal year of 2023 and, therefore, apply for state financial assistance under provisions of Act 51; and

WHEREAS, it is necessary for the governing body, to name an official representative for all public transportation matters, who is authorized to provide such information as deemed necessary by the State Transportation Commission or department for its administration of Act 51; and

WHEREAS, it is necessary to certify that no changes in eligibility documentation have occurred during the past state fiscal year; and

WHEREAS, the performance indicators have been reviewed and approved by the governing body.

WHEREAS, THE APPLICATION, has reviewed and approved the proposed balance (surplus) budget, and funding sources of estimated federal funds \$ estimated state funds \$ 364,363 estimated local funds \$ 364,362 with total estimated expenses of \$ 728,725

(Note: Local funds include fare box and any other local revenue)

NOW THEREFORE, be it resolved that THE APPLICANT hereby makes its intentions known to provide public transportation services and to apply for state financial assistance with this annual plan, in accordance with Act 51; and

HEREBY, appoints M Cook B Tidmore M Turner M Enge as the Transportation Coordinator, for all public transportation matters, who is authorized to provide such information as deemed necessary by the State Transportation Commission or department for its administration of Act 51 for 2023

I, Maura Turner (Name) Secretary/Treasurer

(Secretary/Clerk) of THE Applicant, having custody of the records and proceedings of THE APPLICANT, does hereby certify that I have compared this resolution adopted by THE APPLICANT at the meeting of December 2021 with the original minutes now on file and of record in the office and that this resolution is true and correct.

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IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed seal of said , this day of A.D 20

SIGNATURE