Data Collection Form

Part B : Quantitative Scoring Model
(To be completed for projects requesting more than $90,000)

Okaloosa RESTORE Advisory Committee

Approved by the Okaloosa RESTORE Advisory Committee: December 4, 2014
Okaloosa County, Florida

Part B: Quantitative Scoring Model (required for projects requesting over $90K)

ECONOMIC FACTORS

B.1 Economic Factor #1: Project Expenditures

In the "Expenditures" table, provide best estimates of the annual costs associated with the proposed project. Some projects, such as a simple land acquisition project, will only require a one-time purchase of a parcel of property with minimal maintenance costs thereafter. You may enter the estimated purchase price in Year 1. Other activities, such as the construction of a proposed recreation complex, may require the purchase of property, the purchase of equipment and funds for long-term maintenance. Please provide best estimates of these one-time and long-term costs for the first ten years of your project's life in the section below for each category that is applicable to your proposed project. If categories are not applicable to your project, please check the box indicated N/A beside each of categories that do not apply. For each expenditure entered, you will be required to describe and justify the expenditure in the section that follows. In the Expenditures section, you will note that there is an opportunity to estimate the total costs of servicing any debt that you may need to incur in order to execute the project. If you will be borrowing money to aid in the execution of the project, you will be asked later in the application to attach documentation demonstrating that you have the capacity to obtain the loan. For each expenditure entered, describe and justify the expenditure in the section that follows. Use current year dollars rounded to the nearest dollar.

("Expenditures" table is on next page)

Expenditures										
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Land Acquisition										
Total Estimated Costs of Acquiring Land	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Construction										
Total Estimated Construction Costs	$ 127,500.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Equipment										
Total Estimated Equipment Purchases	$ 71,400.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Long-term Operational Expenses										
Labor Costs	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Utility Costs	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Equipment Maintenance	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Other Maintenance Costs	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Debt Service	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
License Costs	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Other Operational Costs (Please Specify type)	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Other Operational Costs (Please Specify type)	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
Other Operational Costs (Please Specify type)	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00	$ 0.00
							Total Expenditures	$ 198,900.00		

B.1.1 "Expenditures" Table

B.1.2 Provide a description of the property to be purchased. (250 words max)

All construction will be completed on property that is already owned by the Okaloosa County School District and is part of the CHOICE High School and Technical Center campus. There will be no additional property purchased or utilized in any way.

B.1.3 Provide a justification for construction costs. (250 words max)

The construction necessary for full implementation of the Solar Program includes ground preparation, installation of a septic/sewage system, drying in and partial completion of an approximately 1,300 square foot house, and refurbishment or replacement of a confinement fence. This structure will serve as a the lab for CHOICE adult students to learn the installation and connection of a complete and fully functioning home solar energy system, and as a model home for interested visitors, potential home buyers/builders who wish to see and understand the solar option, and field trips for elementary, middle, and high school science or engineering students. The construction costs include materials and labor for ground preparation, the septic system, and some masonry work; however, only materials and supplies are included for the actual construction of the house as the carpentry students on campus will be building the house as part of their curriculum.

B.1.4 Describe equipment over $5,000 per item to be purchased (Itemize). (250 words max)

Item 1: Micro Inverter Grid Tie Solar Power System - $20,175.00: This is the solar grid system that will sit atop the training lab. It holds the solar panels which have micro inverters to convert direct current (DC) to alternating current (AC) needed to power appliances in the home. For maximum efficiency, the panel's pitch can be changed to gather the most sunlight. The equipment will be installed by students as they learn that portion of the curriculum. It can be installed, connected, dismantled, and removed for other students to install.

Item 2: PV Analyzer Kit with Accessories - $7,500.00: PV Analyzer is a complete electrical testing solution for verifying the photovoltaic array performance of the system shown in Item 1. Students will measure current and power as a function of voltage for each string. Students then compare the measured results to the system's predicted performance. This vital piece of equipment aids in faster installation, smarter troubleshooting, and accurate repairs.

Item 3: 3-Part Testing and Analysis Meter Kit. Cost: $8,900.00: This meter will collect and, via blue tooth, download a variety of data from the array to a computer. The computer will generate performance graphs and maintain a detailed history of the array's performance.

B.1.5 Describe and justify long-term operational expenses. (250 words max)

N/A There will be no long-term operations expenses other that those associated with all education programs offer on this campus. Individual programs are self-sustaining with funds generated by projects and certifications.

B.1.6 Describe jobs created for the short term and long term along with the salary scales. (250 words max)

Although solar energy is environmentally positive, the main focus of this project is to implement a workforce development training program that will provide the construction industry with superbly trained and highly skilled professionals. Students completing the Solar Program will be prepared to enter the workforce and able to design whole-home and partial solar energy systems, install solar energy systems, as well as test, trouble-shoot and repair systems. No jobs will be created through the implementation of this program. The goal is to provide industry with qualified workers to fill thousands of projected job openings for solar photovoltaic installers between now and 2022.

B.2 Economic Factor #2: Project Revenues

In the "Revenues" table, provide best estimates of the annual revenue generated by the project over the long term. Certain projects will generate revenue over the long term beyond the revenue acquired through the RESTORE process. For example, a proposed convention center built by RESTORE dollars might charge a fee to lease space to users, or a recreation facility may charge users to host events. If the project will generate sales/fee type revenues on an annual basis, please provide those revenue estimates on the sales line. If your project will require additional funds from government sources to ensure that it remains operational, please indicate those needs on the government contribution lines. (For example, a road constructed utilizing RESTORE dollars will need maintenance from city/county/state or federal government entities over time.) If your project will receive private contributions (donations, etc.) in order to meet long-term operational expenses, please indicate that on the donations line. If you are borrowing money in order to finance a portion of the project, please indicate the total value of the loan in the appropriate year(s). And finally, please estimate the total number of RESTORE dollars that you will need in each year to execute your project. (For example, a land acquisition would probably require all RESTORE dollars in the first project year. However, a construction project that stretches over a three year period would probably need only a fraction of the total project cost to execute the project in any given year.) If you are receiving matching funds from other sources to complete your project, those funds will be counted below. For example, if you are proposing a $2 million construction project and are asking for $1 million from RESTORE to match a $1 million donor pledge, you would enter $1 million from RESTORE in the appropriate year and $1 million in other private contributions in the appropriate year. Use current year dollars rounded to the nearest dollar.

("Revenues" table is on the next page.)

Revenues

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Estimated Annual Revenue (by Source)										
Total Revenue from RESTORE Grant	$ 198,900.00	$	$	$	$	$	$	$	$	$
Total Revenue from City Government	$ 0.00	$	$	$	$	$	$	$	$	$
Total Revenue from County Government	$ 0.00	$	$	$	$	$	$	$	$	$
Total Revenue from State Government	$ 0.00	$	$	$	$	$	$	$	$	$
Total Sales Revenue (user fees, lease fees, product revenue, etc.)	$ 0.00	$ 2,000.00	$ 4,000.00	$ 7,000.00	$ 7,000.00	$ 7,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
Other Private Contributions (donations, private grants, etc.)	$ 0.00	$	$	$	$	$	$	$	$	$
Loan	$ 0.00	$	$	$	$	$	$	$	$	$
Other Revenue (please specify)	$ 0.00	$	$	$	$	$	$	$	$	$
Other Revenue (please specify)	$ 0.00	$	$	$	$	$	$	$	$	$
Total Revenues*	$ 198,900.00	$ 2,000.00	$ 4,000.00	$ 7,000.00	$ 7,000.00	$ 7,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00	$ 10,000.00
								Total Revenue	$ 265,900.00	

B.2.1 "Revenues" Table

B.2.2 Describe the type and nature of the sales revenues generated. (250 words max)

The construction programs at CHOICE High School and Technical Center have been successfully building and selling homes for over 20 years. When a home has been completed, it is advertised for sale in the community. The school sets a minimum bid price and accepts sealed bids until the predetermined deadline. The day of the deadline, the bids are opened and the home is awarded to the highest bidder. Arrangements must then be made by the bid winner for payment and to have the house moved from our property to theirs. Once the funds have been collected, they are placed in the construction program account(s) for use in building the next house and purchasing additional or replacement tools and equipment to sustain the programs. That process will continue for the Solar program with the addition of student-built solar micro-houses and solar sheds. Beginning in year two, the sales revenue will be generated by the sale of solar sheds and by year three solar micro-house revenues will be added. All revenues will be used to sustain the program by purchasing replacement tools, batteries, and consumable materials or supplies as it becomes necessary.

B.2.3 Describe and justify a local government contribution. (250 words max)

N/A There will be no local government contribution.

B.2.3.1 If local government approval of long-term funding has been secured, attach documentation to the application indicating such approval.

B.2.4 Describe the process for securing donations. (250 words max)

N/A

B.2.4.1 If donor pledges have been secured, attach documentation.

B.2.5 Describe the nature of the Loan that you are seeking and attach any documentation that you have that demonstrates your capacity to obtain the loan. (250 words max)

N/A

GENERAL FACTORS

B.3. General Factor #1: Implementation Readiness - Permitting

B.3.1 Does your project require permitting? Select one of the following:

- [x] Yes, permitting NOT complete (0 points)
- [ ] Yes, ALL permitting complete (5 points)
- [ ] No permitting required (skip to **B.3.2**) (5 points)

B.3.1.1 What type of permit is required?

- [x] Construction
- [ ] Right-of-Way
- [ ] Easement
- [ ] Business
- [ ] Development Order
- [x] Other. Describe: Septic/Sewage System

B.3.1.2 When do you expect to have all required permits?

- [x] Less than 3 months (3 points)
- [ ] 3 – 6 months (2 points)
- [ ] 6 – 9 months (1 points)
- [ ] More than 9 months (0 points)

B.3.1.3 Upload copy of permit if available.

B.3.2 Does your project require any coordination or governmental approvals?

- [ ] Yes, coordination or government approval NOT complete (0 points)
- [x] Yes, ALL coordination or governmental approval complete (5 points)
- [ ] None required (skip to **B.3.3**) (5 points)

B.3.2.1 What type of coordination or approval is required?

- [ ] Inter-local agreement
- [ ] Land Use Change
- [ ] Re-zoning
- [✔] Other

B.3.2.2 When do you expect to have all coordination or approval complete?

- [x] Less than 3 months (3 points)
- [ ] 3 – 6 months (2 points)
- [ ] 6 – 9 months (1 points)
- [ ] More than 9 months (0 points)

B.3.2.3 Upload copy of coordination or government approval if available.

B.3.3 Provide any additional relevant information on permits, coordination or approval. (120 words max)

All capital development and construction projects for the Okaloosa County School District are handled through the District's Facilities Department. Once approved by the School Board, officials from the Facilities Department, one of whom is a licensed inspector, will pull the proper permits for the project. As the work progresses, the District's inspector will visit the site and sign off on properly completed work.

B.3.4 Upload your supporting documentation

B.4 General Factor #2: Implementation Readiness – Design

B.4.1 Does your project require a design?

- [x] Yes, design NOT complete (0 points)
- [ ] Yes, design IS complete (skip to **B.4.2**) (5 points)
- [ ] No design required (skip to **B.5**) (5 points)

B.4.1.1 What is the approximate percent of design completion?

- [ ] 0%
- [x] 30%
- [ ] 65%
- [ ] 95% (nearly design complete)

B.4.1.2 When do you expect to have design complete?

- [x] 0 – 4 months (3 points)
- [ ] 4 – 8 months (2 points)
- [ ] 8 – 12 months (1 points)
- [ ] More than 12 months (0 points)

B.4.2 Provide any additional information as it relates to design. (120 words max)

The design for the training lab/model home is based on a current blueprint of a house built by the carpentry class. The design is being modified to combine small rooms into one larger area that will function as the instructional lab portion of the facility. The remaining portion being the mirror image of a finished home 100% dependent on solar energy and will serve as a model home, a community education facility promoting the production and conservation of solar energy.

B.4.3 Upload your supporting design documentation.

B.5 General Factor #3: Implementation Readiness: Land/Property Ownership

B.5.1 Does your project require the use of land/property?

- [x] Yes (0 points)
- [ ] No (skip to the **B.6**) (10 points)

B.5.1.1 What is your (project advocate's) ownership status of the land/property?

- [x] Owned by project advocate (skip to **B.5.2**) (10 points)
- [ ] Partially owned by project advocate or documented commitment from owner to
- [ ] sell (attach documentation in **B.5.3**) (5 points)
- [ ] Needs to be acquired (0 points)

B.5.1.2 When do you expect to have full ownership (or unrestricted use)?

- [x] Less than 3 months (3 points)
- [ ] 3 – 6 months (2 points)
- [ ] 6 – 9 months (1 points)
- [ ] More than 9 months (0 points)

B.5.2 Provide any additional information as it relates to land/property ownership. (120 words max)

All construction will be completed on property that is already owned by the Okaloosa County School District and is part of the CHOICE High School and Technical Center campus. There will be no additional property purchased or utilized in any way.

B.5.3 Upload your supporting documentation.

B.6 General Factor #4: Project Feasibility –Proven Success

B.6.1 Has type of project proposed been implemented elsewhere?

- [x] Yes
- [ ] No (skip to **B.6.1.4**)

B.6.1.1 What is the historic success of projects that share this approach/technology?

- [ ] Extremely common; significant success with projects that share approach/technology (10 points)
- [x] Common; limited success with projects that share approach/technology (8 points)
- [ ] Uncommon; little documented success and limited projects that share similar approach/ technology (4 points)
- [ ] Rare; no documented success and approach/technology is experimental or theoretical (0 points)

B.6.1.2 Explain where similar project was previously implemented and results. If multiple examples exist, use the most similar / relevant. (240 words max)

Similar solar educational programs exist in Florida, however, they are not programs offered by education facilities. The certificate programs in Florida were designed and offered by solar manufacturing and installation companies that set up business in Florida and found a serious lack of trained workers. Research has shown that although successful, these programs are quite expensive and serve mainly central and south Florida. The implementation of this Solar Program in a career and technical center operated by a public school district will serve as a model program for other districts. Distinct advantages to this program include a savings of 50 to 90% in tuition over private programs, eligibility for financial aid such as the Pell Grant and School Board Scholarships, and the ability Veteran enrollees to access their Veteran's Administration Benefits.

B.6.1.3 Upload your supporting documentation.

Skip to **B.7**

B.6.1.4 To the best of your knowledge, why has this type of project never been implemented?

- [ ] Approach / technology is extremely new
- [ ] Conditions have not existed to implement this approach / technology
- [ ] Lack of funding
- [ ] Other. Describe: _____

B.6.1.5 Provide information that details why this "unproven" effort will now be successful.

(240 words max) (up to 4 points)

N/A

B.6.1.6 Upload your supporting documentation.

ENVIRONMENTAL FACTORS

B.7 Environmental Factor #1: /Restore/Enhance/Protect Habitats

B.7.1 Which best describes the type of habitat impacted? (Select one)

- ☐ Marine
- ☐ Coastal
- ☐ Freshwater
- ☐ Estuarine
- ☐ Upland
- ☒ None
- ☐ Other: _____

B.7.2 What best describes the impact of your project on habitat? (Select one)

- ☐ Restore/Enhance (10 points)
- ☒ Protect/Conserve (8 points)
- ☐ Offset through Mitigation / None (0 points)
- ☐ Allowable/Permitted Impact (-10 points)

B.7.3 Identify geographical area impacted and provide information as it relates to restoring, enhancing or protecting habitat (240 words max).

The greatest impact of this program will be realized in the Okaloosa County area and possibly reach as far as Santa Rosa and Walton Counties. The program and facility will be open to the public for community education and for elementary, middle, and high schools field trips from all three counties . Community members, civic groups, and visiting students will be introduced solar as a clean energy source that promotes conservation and restores and protects our natural resources.

B.7.4 Is your project intended to improve the habitat of a listed / managed / protected species?

- ☐ Yes (1 point) ; If yes, what type?_____
- ☒ No (0 points)

B.7.5 Is your project intended to reduce an invasive species within a habitat?

- ☐ Yes (1 point); If yes, what type? _____
- ☒ No (0 points)

B.7.6 Please provide any additional information on the above items (120 words max)

N/A

B.7.7 Is the project consistent with the goals of an adopted local, regional, state, or national comprehensive plan to restore, enhance or protect habitat?

- [ ] Yes (2 points)
- [x] No, there is no plan associated with this project (0 points) (skip to **B.8**)

B.7.7.1 Identify the adopted local, regional, state, or national comprehensive plan(s):_____

B.7.7.2 Provide any additional information on the above items to demonstrate compliance with the goals and objectives of the plan (120 words max)

N/A

B.7.7.3 Attach any supporting documentation

B.8 Environmental Factor #2: Replenish/Protect Living Coastal & Marine Resources

B.8.1 Which living coastal or marine resources are directly protected or restored by the project? (check all that apply)

- [ ] Finfish
- [ ] Shellfish
- [ ] Birds
- [ ] Mammals
- [ ] Reptiles
- [ ] Amphibians
- [ ] Coral
- [ ] Benthic Communities
- [ ] Other. Describe: _____

None (Skip to **B.9**)

B.8.1.1 Describe injuries or threats to the resources identified and how your project addresses those injuries or threats. (120 words max)

N/A

B.8.2 Which best describes the impact of your project on living coastal or marine resources? (select one)

- ☐ Restore/Enhance (10 points)
- ☐ Protect/Conserve (8 points)
- ☒ Offset through Mitigation / None (0 points)
- ☐ Allowable/Permitted Impact (-10 points)

B.8.3 Provide information as it relates to restoring or protecting living coastal or marine resources (240 words max).

N/A

B.8.4 Does your project address one or more of the following? (check all that apply)

- ☐ Overfishing and by-catch; Increased resource stocks; or Improved fisheries assessment (e.g. marine resource data collection that includes fishery dependent or fishery independent data collection) (2 points)
- ☐ Public access or use of inshore, coastal or offshore marine resources; or Sustainable resource management of commercially & recreationally important activities (e.g. fishing, hunting, wildlife watching, etc.) (2 points)
- ☐ Removal of barriers to improve freshwater inflow and fish passage; or Improved sediment management; or Restoration of coastal wetlands; or Restoration of eroded shorelines; or River diversions; or other types of hydrologic restoration; or Natural ridge restoration (2 points)
- ☐ Implementation of living shoreline techniques; or restoration or protection of natural shorelines or wetlands (2 points)
- ☐ Recovery of threatened/endangered species; or management/removal of invasive and nuisance species (2 points)

B.8.5 Is the project consistent with the goals of an adopted local, regional, state, or national comprehensive plan to replenish or protect coastal or marine resources?

- ☐ Yes (2 points)
- ☒ No (0 points) (skip to **B.9**)

B.8.5.1 Identify the adopted local, regional, state, or national comprehensive plan(s):_____

B.8.5.2 Provide any additional information on the above items to demonstrate compliance with the goals and objectives of the plan (120 words max)

N/A

B.8.5.3 Attach supporting documentation.

B.9 Environmental Factor #3: Restore/Improve/Protect Water Resources

B.9.1 Which best describes the impact of your project on water quality? (check only one)

- ☐ Improve (10 points)
- ☐ Re-use (8 points)
- ☐ Water quality monitoring (8 points)
- ☑ None/Permitted (0 points)

B.9.2 Does your project benefit one or more of the following? (check all that apply)

- ☐ Fresh water resource (including aquifers & re-use projects)
- ☐ Estuarine water resource
- ☐ Marine water resource

B.9.3 Identify the water source/body affected and provide information as it relates to improving water quality (240 words max)

N/A

B.9.4 Does your project address one or more of the following? (Check all that apply)

- ☐ Implementation of watershed best management practices (2 points)
- ☐ Improved agricultural or silvicultural management practices (2 points)
- ☐ Improved stormwater management (2 points)
- ☐ Improved wastewater management (2 points)
- ☐ Long-term monitoring of water quality changes (2 points)
- ☐ Improve discharges to & withdrawals from critical systems (2 points)
- ☐ Reduce or treat nutrient or pollutant loading (2 points)
- ☐ Improve management of freshwater flows (2 points)

B.9.5 Is the project consistent with the goals of an adopted local, regional, state, or national comprehensive plan to restore, improve or protect water quality?

- ☐ Yes (2 points)
- ☒ No (0 points) (skip to **B.10**)

B.9.5.1 Identify the adopted local, regional, state, or national comprehensive plan(s):_____

B.9.5.2 Provide any additional information on the above items to demonstrate compliance with the goals and objectives of the plan (120 words max)

N/A

B.9.5.3 Attach supporting documentation

B.10 Environmental Factor #4: Enhanced Environmental Resilience

B.10.1 Does your project build and sustain the ability to protect against short-term and long-term natural and man-made threats and injuries? (check all that apply)

- ☐ Long-term land use planning related to management and sustainability of coastal resources (2 points)
- ☐ Acquisition or preservation of undeveloped lands in coastal high hazard areas (2 points)
- ☐ Non-structural storm and surge protection (2 points)
- ☐ Design mitigation programs that are incentive based (2 points)
- ☑ Natural resource recovery and planning; Risk assessments (2 points)
- ☑ Other ecosystem restoration measures (2 points)

B.10.2 Provide information as it relates to enhancing environmental resilience. (240 words max)

According to the U.S. Solar Market Trends 2013 Executive Summary, "...the solar energy market is booming." There is an increasing demand from consumers for residential systems as well as an increase in building solar power plants. Training programs of this type will quickly develop the workforce required to meet the current and up-coming employment needs of the solar energy manufacturing, design, and installation companies. As both commercial and residential use of this clean, sustainable, and vastly inexhaustible power source increase, there will be a natural decrease in the CO2 emissions into the atmosphere and fossil fuel pollutants flowing into water supplies. In addition, increased use of clean solar energy will lead to less drilling on land and in water ways.

B.10.3 Is the project consistent with the goals of an adopted local, regional, state, or national comprehensive plan to enhance environmental resilience?

- ☐ Yes (2 points) ; If yes:
- ☒ No (0 points)

B.10.3.1 Identify the adopted local, regional, state, or national comprehensive plan(s):_____

B.10.3.2 Provide any additional information on the above items to demonstrate compliance with the goals and objectives of the plan (120 words max)

N/A

B.10.3.3 Attach supporting documentation

END OF PART B