|  |
| --- |
| **Applicant Identification** |
| **Applicant Organization[[1]](#footnote-1)**  | [Company or University] |
| **Address** | Click or tap here to enter text. |
| **Contact Email and Phone Number** | Click or tap here to enter text. |
| **Project Identification** |
| **Project Title** | [Title] |
| **Prime Award Information** | *Include awarding agency, office, and nature of award. If applicable, state FOA name and number. If available, include first/last name and contact information for the prime award officer.* |
| **Prime Award Status** | [ ]  Pending[ ]  Encouraged to Apply[ ]  Not Applicable | [ ]  Selected for Negotiation / Awarded[ ]  Contracted *(please contact AmplifyMass program manager before applying)* |
| **Proposed Total Project Budget** | Click or tap here to enter text. |
| **Total Cost Share Requirement** | Click or tap here to enter text. |
| **Requested Support from MassCEC[[2]](#footnote-2)** | Click or tap here to enter text. |
| **Nature of MassCEC Support** | The reason for this funding request is:[ ]  Cost-share required by prime award.[ ]  Adder - *not required by prime,* *$ that will extend the project scope from that listed in the prime award.* *If adder,* ***please fill out sections on page 5*.** |
| **Role of Requested MassCEC Support** | *Brief explanation of use of funds in 3-5 sentences.* * *Will the fund be used to hire essential personnel, license software, purchase new equipment, etc.?*
* *Identify any other organizations or entities from whom project is seeking cost share support*
* *Describe funding gaps, if any, in resources available from project partners and implications for project if not selected for AmplifyMass award*
 |
| **Proposed Project Term** | [MM/DD/YYYY – MM/DD/YYYY] |
| **Project Precis** |
| *Limited to 1-3 sentences per bullet point, as applicable.** *Description of your company, lab, or entity*
* *Industry background/current challenge*
* *Proposed project/solution*
 |
| **Technology and Project Summary** |
| **Technology Overview** | ***Context/industry overview****:* * *What is the context for this project/technology? Describe the current industry, other programs/technologies etc. that pertain to the project in question. Include some high-level statistics if available.*
* *Why is this industry important (if no apparent connection to clean energy)?*

***Challenge:**** *What are the pain points of the existing programs/industry solutions addressed by the project?*
* *What are some existing solutions? What are some shortcomings of these solutions?*

***Solution:**** *How will the proposed project solve the problem(s)?*
* *How will it be better than what currently exists in the market and/or other solutions under development?*
 |
| **Commercialization Potential** | *Please describe the target market(s) for the technology, with size and growth calculations, proposed business model, and go-to-market strategy. Include any reference information.* |
| **Principal Investigator(s)**  | *Include name and title for each, and briefly describe primary role on project. Attach resumes or bios.* |
| **Project Partners and Contributions**  | * *Identify all partners and their role pertaining to the project.*
* *If applicable, describe form of contribution (cost-share, adder, etc.), how partners will contribute (in-kind, cash, etc.), and any other sources of support (monetized and non-monetized). Please denote dollars spent in Massachusetts vs. out of state.*
 |
| **Project Plan** | ***Goal/Objective:*** *What is the goal/objective of project? Briefly state each goal/objective that the project hopes to achieve.****Project timeline and scope:******How*** *will the goal be reached? Briefly explain the* ***project timeline and scope*** *of work.* |
| **Project Outcomes** | ***Expected outcomes:****What are the* ***expected outcomes*** *of the project?****Next steps:****Once the project is completed, what are the anticipated* ***next steps****, including application of the project results, the consequent research proposal, etc.?* |
| **Total Addressable Carbon Analysis** |
| *Provide an analysis (1 page max) of the potential reduction in carbon emissions or avoidance of future carbon emissions achievable given widespread use of your technology/innovation. Describe, to the most detailed extent possible:** *The current and future market in which emissions reductions are expected. Please make sure to reference the commercialization potential for the technology.*
* *The emissions currently associated with that sector*
* *The magnitude of emissions reductions potentially achievable using the technology proposed*

*Energy efficiency technologies may calculate energy savings rather than carbon avoidance. A more detailed explanation of the TAC analysis can be found on the FAQ section of* [*our website*](http://www.masscec.com/amplifymass)*.*kg CO2-e reduced per unit of product installed: Click or tap here to enter text. MMT CO2-e reduced per year, assuming optimistic adoption: Click or tap here to enter text. Describe assumptions and calculations:Click or tap here to enter text.  |
| **TAC Analysis****Sources***List any references used in your estimation and analysis.* *We recommend taking advantage of* [*CRANE*](https://cranetool.org/)*, an online emissions calculation software, or credible public data sources such as US DOE’s EIA data (AEO, RECS/CBECS/MECS, etc.), EPA’s National Emissions Inventory, EPA’s AVERT model, and the MA state Global Warming Solutions Act inventory.* |  |  |
| **Adder Funding Justification***If requesting adder support, identify how this funding will extend the project scope from that listed in the prime award.* |  |  |
| **Adder Scope** *If requesting adder support, identify the specific tasks and costs that adder funding will be used to accomplish.* |  |  |
| **FOR COMPANY APPLICANTS ONLY** |
| **Number of Full-Time Equivalent Employees** | Click or tap here to enter text. |
| [ ]  I confirm that my company meets the definition of a small business, as outlined by the United States Small Business Administration's "[Table of Small Business Size Standards](https://www.sba.gov/sites/default/files/Size_Standards_Table.pdf).” |
| **Location(s) of All Company Operations** | Click or tap here to enter text. |

**Required Attachments:**

|  |  |
| --- | --- |
| **ARPA-E APPLICANTS ONLY** | **ALL OTHER APPLICANTS** |
| [ ]  Budget Synopsis (use template provided)[ ]  ARPA-E Concept Paper[ ]  ARPA-E Response to Concept Paper [ ]  ARPA-E Full Application[ ]  ARPA-E Response to Full Application[ ]  Biographies/resumes of key team members [ ]  Authorized Applicant’s Signature and Acceptance Statement[ ]  Applicant’s response to comments from ARPA-E reviewers | [ ]  Budget Synopsis (use template provided)[ ]  Technical proposal submitted to federal/non-federal prime funder[ ]  Biographies/resumes of key team members [ ]  Authorized Applicant’s Signature and Acceptance Statement [ ]  Applicant’s response to comments from prime award reviewers |

[ ]  I, the applicant, certify that I have reviewed the template grant agreement, found on [MassCEC’s website.](http://www.masscec.com/amplifymass)

**Applications should be submitted via e-mail to** **amplifymass@masscec.com** **with the subject line “AmplifyMass Final Application – [Research Institution or Company Name].”**

**QUESTIONS?**

MassCEC AmplifyMass Awards

Massachusetts Clean Energy Center

294 Washington St., 11th Floor, Boston, MA 02108

Email: amplifymass@masscec.com

1. Please apply with the entity name you wish to use if awarded [↑](#footnote-ref-1)
2. This amount may not exceed $300,000. [↑](#footnote-ref-2)