



**2018 SOLAR DECATHLON MIDDLE EAST
UNIVERSITY TEAM COMPETITION
DUBAI, UNITED ARAB EMIRATES**

REQUEST FOR PROPOSALS



Table of Contents

INTRODUCTION	4
SOLAR DECATHLON MIDDLE EAST	4
THE COMPETITION	6
SDME PRIZE SCHEME	7
SUMMARY OF COMPETITION	7
SOLAR DECATHLON ME UNIVERSITY TEAM COMPETITION EMAIL	9
APPLICATION AND ELIGIBILITY REQUIREMENTS	9
ELIGIBILITY REQUIREMENTS:.....	9
APPLICATION PROCESS.....	9
DEWA ONLINE SUBMISSION.....	9
ADDITIONAL INFORMATION ON SDME ONLINE.....	10
APPLICATION FORMS.....	11
FORM OF REGISTRATION OF THE TEAMS.....	11
CONTENT AND FORM OF THE FULL APPLICATION.....	11
FULL APPLICATION CONTENT REQUIREMENTS	12
TECHNICAL VOLUME	13
SUMMARY/ABSTRACT FOR PUBLIC RELEASE	15
SUMMARY SLIDE	15
LETTER OF COMMITMENT.....	15
EVALUATION CRITERIA.....	16
OTHER SELECTION FACTORS	17
NOTIFICATION OF SELECTIONS:.....	17
SELECTION NOTICES.....	17
REJECTED SUBMISSIONS.....	18



FULL APPLICATION NOTIFICATIONS.....	18
SUCCESSFUL APPLICANTS	18
UNSUCCESSFUL APPLICANTS	18
TERMS AND CONDITIONS.....	18
Attachment A.....	19
COST ESTIMATE - PROJECT PROPOSAL SOLAR DECATHLON MIDDLE EAST	19
Budget preparation instructions	21

Important dates

Registration: Open in February 2016 ;

Application submission: Close on 30th June 2016, at 14:30 UAE time (GMT+4)

Team selection and announcement: Early October 2016

Team meetings: Start coordinating team meetings in December 2016

Awareness workshops / seminars: March 2016, April 2016, May 2016, June 2016
(online capabilities)

INTRODUCTION

The Solar Decathlon is an international competition created by the U.S. Department of Energy in which universities from all over the world meet to design, build and operate a grid-connected, energetically self-sufficient house.

The houses use solar energy as the only energy source and are equipped with all the technologies that permit maximum energy efficiency. During the final phase of the competition teams assemble their houses, open to the general public, while undergoing the ten contests of the competition, reason for which this event is called Decathlon.

SOLAR DECATHLON MIDDLE EAST

The Solar Decathlon Middle East (SDME) was created through an agreement signed between Dubai Water and Electricity Authority (DEWA) and the Department of Energy of the United States of America, in June 2015, in order to organize a sustainable solar houses competition in Dubai, in 2018 and 2020.

The 2018 edition of this competition is organized by DEWA, in Dubai. The SDME ten contests will follow the lines of those in previous editions of the competition, although having the necessary customization to challenge the teams to adapt their designs to the heat, dust & high humidity that we experience in the Middle East.

The SDME 2018 Organization goal is to contribute to the knowledge and dissemination of industrialized, solar and sustainable housing, and therefore has the followings basic objectives:

- To raise awareness of the students participating in the competition on the benefits and opportunities offered by the use of renewable energy technologies, energy management and sustainable construction, challenging them to think creatively and develop innovative solutions that contribute to energy savings.
- To encourage professionals from different industries to select materials and systems that reduce the environmental impact of their buildings, optimizing its economic viability and providing comfort and safety of occupants.
- To educate the general public about responsible energy use, renewable energy, energy efficiency, and the technologies available to help them to reduce/optimize their energy consumption.
- To encourage the use of solar technologies.
- To promote architecturally attractive solar system integration, working on using the solar technologies to replace conventional construction materials in the building envelope such as the roof, skylights or facades.
- To clearly demonstrate that high performance solar homes can be comfortable, attractive and affordable.



- To increase public awareness about energy for residential use. The competition demonstrates that a beautifully and well-designed house can generate enough electricity to meet the needs of a household.

The Solar Decathlon Middle East will raise the prestige and visibility of the selected participating universities as they are part of the small group of top institutions that will compete in the world's most important Solar House Event. One of the main characteristic elements of the Solar Decathlon Middle East competition is its emphasis on sustainability, innovation and research. The participant teams work not only to develop and build their houses, but also to enhance the systems' integration and generation of knowledge on sustainable construction.

Solar Decathlon Middle East offers students a unique opportunity for learning, taking theory and putting it into practice, and doing so through a case study. Students working on the project will be challenged to use their innovation capacity, and their ability to design and build an energetically self-sufficient solar house. The projects are developed by multidisciplinary teams, giving the students the opportunity to learn not only about technical issues but also about teamwork, communication skills, a sustainable lifestyle and socio-economic issues in order to ensure the viability of their project.

The Solar Decathlon Middle East 2018 encourage designs that address the following four principles:

Middle East Climate

The SDME 2018 embraces the goal of developing and promoting ideas, capacities and technologies that can be implemented for the benefit of the inhabitants of the Middle East region. Each project must be a good response to our cultural, climatic and social contexts, as well as a high-performance prototype that should successfully perform during the period of time during which it compares with others. All proposals should be focused on solving the issues and needs for the sustainable living in this region, where high temperatures, high humidity and dust condition our daily lives during most part of the year.

Innovation

For the Solar Decathlon, innovation must remain at the heart of the projects. It is embedded in all project areas such as architecture, construction, energy systems, furnishings, house appliances and etc. Innovative cultural relationship to research and development in the field of building industry: future urban designers, architects, engineers as well as social and financial managers are required to find the most adapted solutions for our specific context while sharing the most innovative ideas with colleagues from other countries.

Sobriety

While it is important for the designs to ensure the renewable energy supply, it is even more important to limit demand and thus energy consumption. This is to be implemented through a limitation of photovoltaic power installed, an important



evaluation of energy efficiency and a strong incentive to «produce and consume wisely». Nevertheless, teams should also keep in mind that affordability remains another key issue for applicable sustainable architectural and urban solutions. The SDME Organization wants to point at the fact that, in the midst of a major economic crisis, the financial factor will be assessed as a determining aspect of each proposal.

Mobility

The question of energy coupling between positive-energy building and electrical transportation systems is to be addressed by the teams. SDME is not an international competition for electric vehicles but a testing ground for innovative solutions merging urban design, housing and transportation systems in a holistic approach.

The official language for the SDME 2018 Competition in Dubai is English.

THE COMPETITION

Dubai Electricity and Water Authority (DEWA) seeks applicants to its Solar Decathlon Middle East University Team Competition. This Competition will support the National Innovation Strategy of the UAE and its commitment to improving the nation's science, technology, engineering, and mathematics education efforts, and to building a more knowledge-intensive workforce. Dubai Electricity and Water Authority (DEWA) is eager to create and support education and workforce development programs that are specific to applied energy, and are essential to carrying out DEWA's mission and advancing energy technologies for the future.

DEWA's Strategic Plan supports developing and providing educational and technical training opportunities for students and for the workforce. The Solar Decathlon Competition promotes energy efficiency and increases awareness about residential energy use, fostering greater adoption of clean energy technologies. The competition demonstrates that an aesthetically beautiful and well-designed house can generate enough thermal and electrical energy to meet the needs of a single family household. More information about past Solar Decathlons is available at <http://www.solardecathlon.gov/> , <http://www.sdeurope.org/> and <http://solardecathlon2014.fr> .

The Solar Decathlon's wide audience includes university student teams, the building industry, the sustainable and clean energy industries, homeowners, and general public consumers. The student teams pursue multidisciplinary approaches to meet DEWA's requirements in designing, building, and operating energy-efficient, solar-powered houses. The program's technology showcase educates the attending public and industry professionals about the benefits and availability of clean energy solutions, with research papers, media coverage, and digital outreach serving as tools to amplify this message.

SDME PRIZE SCHEME

DEWA is inviting collegiate teams of creative designers and innovators to enter this competition. For the second time in a Solar Decathlon competition, There will be monetary prizes. For the Solar Decathlon ME 2018, DEWA will award AED10,000,000 in prizes to teams that are selected to participate via this Proposal, and that bring an eligible house to the Solar Decathlon ME competition. The prizes will be awarded to the same 20 lead organizational entities that submit applications to DEWA under this competition and are selected by DEWA to compete, and that complete a house for the Solar Decathlon. The recipients will not receive Government funding up front, but will be eligible for prize money upon completion of the competition.

The Prize money is open to all collegiate teams in the Middle East Region and around the world, but the focus is on design solutions for the Middle East.

The structure of the Solar Decathlon ME 2018 minimum prize purse is:

Place	Award AED
1 st	900,000
2 nd	800,000
3 rd	700,000
4 th	600,000
5 th -12 th	500,000
13 th – 20 th	400,000

Special Technology Innovation Awards will be dedicated to innovative solutions, ideas and proposals from the participants that can be further developed into a business proposal with the support of DEWA.

A total fund to be distributed to the most innovative ideas is AED 200,000

SUMMARY OF COMPETITION

This Competition seeks up to 20 collegiate teams to compete in the Solar Decathlon competition. The challenge to the teams competing in the Solar Decathlon is, in 24 months, to safely and effectively design, build, and operate

solar-powered houses that are energy-efficient and attractive, in addition to the necessary customization to adapt the house designs to the heat, dust & high humidity experienced by the ME region during part of the year.

The winner of the competition is the team that best blends innovation and design excellence with optimal energy production and maximum efficiency.

Competition designs must be sustainable for the Middle East Climate Zone based on temperature, humidity, aerosol, heating and cooling degree-days. The climate in the Middle East is diverse and the designs will have to adapt to solve specific issues across the region. Some information of the weather in the GCC can be obtained through the National Center of Meteorology and Seismology (<http://www.ncms.ae/>).

Any International team wishing to enter the Solar Decathlon ME is encouraged to team with a UAE college or university and/or industry partner to facilitate technology transfer. All teams are encouraged to build the house in the UAE and to identify a permanent location for the house following the competition, ideally in the UAE. However, teaming with a UAE university or locating the house permanently in the UAE is not a prerequisite for selection and participation.

The Solar Decathlon ME comprises a workforce development and education program. The objective is to give student architects, engineers, business majors, and communicators the opportunity to gain hands-on experience designing and building sustainable housing. This valuable training will help more students enter the clean energy workforce. Therefore, teams are both allowed and encouraged to collaborate with industry. University leadership is encouraged to look to the private sector when forming a team. Conversely, private businesses and community leaders are encouraged to reach out to their nearest college or university to help form strong, capable teams.

A critical long-range goal of the Solar Decathlon ME project is developing and demonstrating highly energy efficient solar-powered homes. DEWA is soliciting proposals from post-secondary educational institutions that not only address participation in the competition, but also include a description of how the design will help to achieve this critical outcome.

DEWA intends to select up to 20 college or university teams that will participate in the Solar Decathlon ME's 2018 competition. The ability and plan to obtain sponsorships and team support are a part of the evaluation and selection criteria.

The Solar Decathlon ME 2018 draft Rules document will be the basis for the competition, though it may be revised prior to the selection in October. Modifications under consideration include:

1. Allowing batteries for increased load management
2. Reformulation of contests to adapt it to current needs
3. Reviewing the weight for scoring for each contest of the competition

Please note these changes may not be adopted for the Solar Decathlon ME 2018. The current Solar Decathlon rules are posted at:

<http://www.solardecathlonme.com/SDMERules.html>

Finally, DEWA stresses that creativity and resourcefulness are the keys to success.

SOLAR DECATHLON ME UNIVERSITY TEAM COMPETITION EMAIL

For questions about this Proposal, please email:
2018Solardecathlonme@dewa.gov.ae.

APPLICATION AND ELIGIBILITY REQUIREMENTS

ELIGIBILITY REQUIREMENTS:

Teams must be led by a post-secondary education institution. Only Institutions from countries that have commercial relationships with the UAE will be able to enter the competition or be part of the teams.

APPLICATION PROCESS

After registration for submission, the application is a single phase process. DEWA will perform an initial eligibility review of the applicant submissions to determine whether they meet the eligibility requirements of the Proposal. DEWA will not review or consider noncompliant and/or nonresponsive or otherwise ineligible submissions.

DEWA ONLINE SUBMISSION

All submissions must conform to the following form and content requirements, including maximum page lengths, described below and **must be submitted via SDME ONLINE SUBMISSION**, unless specifically stated otherwise.

DEWA will not review or consider submissions submitted through means other than ONLINE SUBMISSION, submissions submitted after the applicable deadline, and incomplete submissions. DEWA will not extend deadlines for Applicants who fail to submit required information and documents due to server/connection congestion. A reference number will be issued when an Applicant begins the SDME application process through the registration of the team. This reference number must be included with all Application documents, as described below.

- The Full Application must conform to the following requirements:
- Each must be submitted in Adobe PDF format unless stated otherwise.

- Each must be written in English.
- All pages must be formatted to fit on A4 paper with margins not less than 2.5 cm on every side. Use Times New Roman typeface, a black font color, and a font size of 12 point or larger (except in figures or tables, which may be 10 point font). A symbol font may be used to insert Greek letters or special characters, but the font size requirement still applies. References must be included as footnotes or endnotes in a font size of 10 or larger. Footnotes and endnotes are counted toward the maximum page requirement.
- The Reference Number must be prominently displayed on the upper right corner of the header of every page. Page numbers must be included in the footer of every page.
- Each must not exceed the specified maximum page limit, including cover page, charts, graphs, maps, and photographs when printed using the formatting requirements set forth above and single spaced. If Applicants exceed the maximum page lengths indicated below, DEWA will review only the authorized number of pages and disregard any additional pages.

Applicants are responsible for meeting each submission deadline. **Applicants are strongly encouraged to submit Full Applications at least 48 hours in advance of the submission deadline.** Under normal conditions (i.e., at least 48 hours in advance of the submission deadline), Applicants should allow at least one hour to submit a Full Application. Once the Application is submitted in SDME ONLINE, Applicants may revise or update their application until the expiration of the applicable deadline.

DEWA urges Applicants to carefully review their Full Applications to allow sufficient time for the submission of required information and documents. All Full Applications that pass compliance review will undergo comprehensive technical merit review according to the criteria identified in this Notice.

ADDITIONAL INFORMATION ON SDME ONLINE

SDME ONLINE is designed to enforce the deadlines specified in this NOTICE. The “Apply” and “Submit” buttons will automatically disable at the defined submission deadlines. Should applicants experience problems with ONLINE SUBMISSION, the following information may be helpful:

Applicants that experience issues with submission PRIOR to the Notice deadline:
In the event that an Applicant experiences technical difficulties with a submission, the Applicant should contact the SDME ONLINE for assistance:

2018Solardecathlonme@dewa.gov.ae

The SDME administrators will assist Applicants in resolving issues.

Applicants that experience issue with submissions that result in late submissions: In the event that an Applicant experiences technical difficulties so severe that they are unable to submit their application by the deadline, the Applicant should contact the **SDME ONLINE** for assistance. The SDME administrators will assist Applicants in resolving issues (including finalizing submission on behalf of and with the Applicant's concurrence). PLEASE NOTE, however, that Applicants who are unable to timely submit their application due to their waiting until the last hour when network traffic is at its heaviest to submit their materials will not be able to use this process.

APPLICATION FORMS

The application forms and instructions are available on SDME ONLINE. To access these materials, go to <http://solardecathlonme.com> .

FORM OF REGISTRATION OF THE TEAMS

To be eligible to submit a Full Application, Applicants must be previously registered in the SDME ONLINE application. We encourage participants to register as soon as possible so they can get a fluent communication with the SDME administrators during the application process. Any information submitted for registration should not contain any proprietary or sensitive business information. The information provided at registration will not be used for down-selection purposes, and do not commit an applicant to submit an application.

Each Applicant must provide the following information as part of the registration:

- Project Title;
- Lead Organization;
- Whether the Application has been previously submitted to another International Solar Decathlon competition;
- Estimated % of effort contributed by the Lead Organization;
- The Project Team, including:
 - The Principal Investigator for the Prime Recipient;
 - The Student Team leader;
 - Team Members (i.e., Subrecipients); and
 - Key Participants (i.e., individuals who contribute in a substantive, measureable way to the execution of the proposed project);
- Abstract – The abstract provided should be 200 words in length, and should provide a truncated explanation of the proposed project.

CONTENT AND FORM OF THE FULL APPLICATION

Applicants must submit a Full Application by the specified due date for consideration to enter this competition. Applicants must complete the following

application forms found on the SDME website at <https://solardecathlonme.com/>, in accordance with the instructions.

All Full Application documents must be marked with the Reference Number issued to the Applicant. Applicants will receive a reference number upon registration for the competition, and should include that reference number in the file name of their Full Application submission (i.e., Reference number_Applicant Name_Full Application).

FULL APPLICATION CONTENT REQUIREMENTS

DEWA will not review or consider ineligible Full Applications.

Each Full Application must be limited to a single project.

Full Applications must conform to the following requirements:

SUBMISSION	COMPONENTS	FILE NAME (IF NECESSARY)
Full Application (PDF, unless stated otherwise)	Technical Volume (PDF format; see Chart for details and page limits)	ReferenceNumber_LeadOrganization_TechnicalVolume
	Summary for Public Release (1 page limit; PDF format)	ReferenceNumber_LeadOrganization_Summary
	Summary Slide (1 page limit, Microsoft PowerPoint format)	ReferenceNumber_LeadOrganization_Slide
	Letter of commitment signed by Rector, President or maximum authority of the Leading University Organization. Pdf format.	ReferenceNumber_LeadOrganization_Commitment

Note: The maximum file size that can be uploaded to the SDME ONLINE website is 10MB. Files in excess of 10MB cannot be uploaded, and hence cannot be submitted for review. If a file exceeds 10MB but is still within the maximum page limit specified in the NOTICE it must be broken into parts and denoted to that effect. For example:

ReferenceNumber_LeadOrganization_Project_Part_1

ReferenceNumber_LeadOrganization_Project_Part_2, etc.

DEWA will not accept late submissions that resulted from technical difficulties due to uploading files that exceed 10MB.

DEWA SDME provides detailed guidance on the content and form of each component below.

TECHNICAL VOLUME

The Technical Volume must be submitted in Adobe PDF format. The Technical Volume must conform to the following content and form requirements, including maximum page lengths. If Applicants exceed the maximum page lengths indicated below, DEWA will review only the authorized number of pages and disregard any additional pages. This volume must address the Merit Review Criteria as discussed in this document. Save the Technical Volume in a single PDF file using the following convention for the title:

“ReferenceNumber_LeadOrganization_TechnicalVolume”.

Applicants must provide sufficient citations and references to the primary research literature to justify the claims and approaches made in the Technical Volume. DEWA and reviewers may review primary research literature in order to evaluate applications. However, DEWA and reviewers are under no obligation to review cited sources (e.g., internet websites).

The Technical Volume to the Full Application may not be more than 20 pages, including the cover page, table of contents, and all citations, charts, graphs, maps, photos, or other graphics, and must include all of the information in the table below. The applicant should consider the weighting of each of the evaluation criteria listed in this Notice when preparing the Technical Volume.

SECTION/PAGE LIMIT	DESCRIPTION
Cover Page / 1 page	The cover page should include the project title, both the technical and business points of contact, names of all team member organizations, and any statements regarding confidentiality.
Project Overview (This section should constitute approximately 10% of the Technical Volume)	<p>The Project Overview should contain the following information:</p> <ul style="list-style-type: none"> • Background: The Applicant should discuss the background of their organization, including the history, successes, and current research and development status (i.e., the technical baseline) relevant to the technical topic being addressed in the Full Application. • Project Goal: The Applicant should explicitly identify the targeted improvements to the baseline technology and the critical success factors in achieving that goal. • Impact: The Applicant should discuss the impact that this innovative design will have on the current state of the technology in this area.



<p>Technical Description, Innovation, and Impact (This section should constitute approximately 30% of the Technical Volume)</p>	<p>The Technical Description should contain the following information:</p> <ul style="list-style-type: none"> • Relevance and Outcomes: The Applicant should provide a detailed description of the project. This section should describe the relevance of the proposed project to the goals and objectives of the Request, including the potential to meet specific DEWA technical targets or other relevant performance targets. The Applicant should clearly specify the expected outcomes of the project. • Feasibility: The Applicant should demonstrate the technical feasibility of the proposed project and capability of achieving the anticipated performance targets, including a description of previous work done and prior results. • Innovation and Impacts: The Applicant should describe the current state of the art in the applicable field, the specific innovation of the proposed project, and the overall impact on advancing the state of the art/technical baseline if the project is successful.
<p>Technical Qualifications and Resources (Approximately 20% of the Technical Volume)</p>	<p>The Technical Qualifications and Resources should contain the following information:</p> <ul style="list-style-type: none"> • Describe the Project Team's unique qualifications and expertise, including those of key Sub-recipients. • Describe the Project Team's existing equipment and facilities that will facilitate the successful completion of the proposed project • Include the cost estimate calculated using the form available in the attachment A of this call and in the SDME online application. Cost Estimate form does not count towards the page limit • This section should also include relevant, previous work efforts, demonstrated innovations, and how these enable the applicant to achieve the project objectives. • Describe the time commitment of the key team members to support the project. • Attach one-page resumes for key participating team members as an appendix. Resumes do not count towards the page limit. Multi-page resumes are not allowed. • Describe the technical services to be provided by DEWA, if applicable. • Attach letters of commitment from all Subrecipient/third party cost share providers as an appendix. Letters of commitment do not count towards the page limit. • Attach any letters of support from partners/end users as an appendix (1 page maximum per letter). Letters of support do not count towards the page limit.



<p>Concept and Design Elements</p>	<p>Provide graphics, e.g., sketches, drawings, diagrams, etc., and a one-page 500-word maximum narrative summarizing the most important elements of the conceptual design solution.</p>
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SUMMARY/ABSTRACT FOR PUBLIC RELEASE

Applicants are required to submit a one-page summary/abstract of their project. The project summary/abstract must contain a summary of the proposed activity suitable for dissemination to the public. It should be a self-contained document that identified the name of the applicant, the project director/principal investigator(s), the project title, the objectives of the project, a description of the project, including methods to be employed, the potential impact of the project (i.e., benefits, outcomes), and major participants (for collaborative projects). This document must not include any proprietary or sensitive business information as DEWA may make it available to the public after selections are made. The project summary must not exceed 1 page when printed using standard A4 paper with 2.5cm margins (top, bottom, left, and right) with font not smaller than 11 point. Save the Summary for Public Release in a single PDF file using the following convention for the title **“ReferenceNumber_LeadOrganization_Summary”**.

SUMMARY SLIDE

Applicants are required to provide a single PowerPoint slide summarizing the proposed project. The slide must be submitted in Microsoft PowerPoint format. This slide is used during the evaluation process. Save the Summary Slide in a single file using the following convention for the title **“ReferenceNumber_LeadOrganization_Slide”**.

The Summary Slide template requires the following information:

- A project Summary;
- A description of the project impact;
- Proposed project goals;
- Any key graphics (illustrations, charts and/or tables);
- The project's key idea/takeaway;
- Project title, Prime Recipient, Principal Investigator, and Key Participant information

LETTER OF COMMITMENT

Applicants are required to provide a scanned copy of a letter signed by the maximum authority of the University leading the team (Rector or President) where the commitment of the Institution is declared to participate in the competition and support the faculty and students.

Save the letter in a single pdf file using the following convention for the title: **“ReferenceNumber_LeadOrganization_Commitment”**.



EVALUATION CRITERIA

The evaluation process consists of multiple phases that each includes an initial eligibility review and a thorough technical review. Rigorous technical reviews are conducted by reviewers that are experts in the subject matter of this Request. Ultimately, SDME organization considers the recommendations of the reviewers, along with other considerations such as program policy factors, in determining which applications to select.

Evaluation Criteria: Solar Decathlon Middle East University Team Competition

Criterion 1: Technical Innovation and Design

Weight: 25%

The proposal demonstrates that the applicant:

- Has an aggressive yet practical approach to the project, maximizing its chances of success by studying past competitions and committing to a design philosophy that demonstrates it has learned valuable lessons from them
- Seek to incorporate innovations with a high likelihood of success, with potential benefit to professional home builders and the energy efficiency and renewable energy industry
- Evaluation on the basis of concept, livability, adaptability to Middle East weather conditions

Criterion 2: Sponsorship Engagement and Team Support

Weight: 25%

The proposal demonstrates:

- A clear understanding of the costs associated with the project (as described in the cost estimation form)
- A plan for obtaining sufficient sponsorship or other funds to support all phases of the two-year project; sponsorship engagement has been adequately planned
- The level of available or obtainable equipment, instrumentation, and facilities is adequate
- Industry involvement in the project is considered

Criterion3: Organization and Project Planning

Weight: 20%

The proposal demonstrates that:

- The team understands all the activities involved in the project
- The activities are planned and organized adequately to ensure successful completion

Criterion 4: Conceptual Design

Weight: 15%

The proposal demonstrates:

- An energy-efficient, solar-powered house at the conceptual design stage
- A conceptual design that communicates ideas, character, and forms of an architectural design including aesthetics, building envelope, and solar components
- The design's potential to succeed in the Marketplace and / or benefit professional home builders and solar installers



- Concept design of a sustainable water design throughout the build process (water conservation, waste water recycling, rainwater harvesting systems, atmospheric water generator etc.)

Criterion 5: Curriculum and Integration

Weight: 15%

The proposal demonstrates that the institution (or institutions):

- Has an architecture and/or building science curriculum and that the Solar Decathlon project is well-integrated into the students' course work
- Incentivizes top students to make long-term commitments to the project by offering scholarships, independent study credit, paid research assistantships, or other paid or academic compensation
- Has full commitment of college or university administration, including team members, with letters of commitment provided.

OTHER SELECTION FACTORS

PROGRAM POLICY FACTORS

In addition to the above criteria, SDME organisation may consider the following program policy factors in determining which Full Applications to select for the Competition:

- The level of industry involvement and demonstrated ability to commercialize energy or related technologies;
- Technical, market, organizational, and environmental risks associated with the project;
- Whether the proposed project is likely to lead to increased employment and manufacturing in the United Arab Emirates;
- Whether the proposed project will accelerate transformational technological advances in areas that industry by itself is not likely to undertake because of technical and financial uncertainty;
- Whether the proposed project is aligned with the comprehensive strategic guidelines established by Dubai Integrated Energy Strategy 2030, as well as other development plans such as the National Agenda 2021, Dubai 2021, National Innovation Strategy and the Green Economy for Sustainable Development. The project should advance initiative goals improving climate resilience and reducing greenhouse gas emissions and contribute in making Dubai the city with lowest carbon footprint in the world by 2050.
- Geographic and/or Technological Diversity.

NOTIFICATION OF SELECTIONS:

SELECTION NOTICES

DEWA anticipates notifying applicants of its decisions by early October 2016.



REJECTED SUBMISSIONS

Ineligible Full Applications are rejected by the SDME organisation and are not reviewed or considered. SDME sends a notification letter by email to the technical and administrative points of contact designated by the Applicant in SDME ONLINE. The notification letter states the basis upon which the Full Application was rejected.

FULL APPLICATION NOTIFICATIONS

DEWA notifies Applicants of its determination via a notification letter by email to the technical and administrative points of contact designated by the Applicant in SDME ONLINE. The notification letter may inform the Applicant that its Full Application was selected for the competition, or not selected. Alternatively, DEWA may notify one or more Applicants that a final selection determination on particular Full Applications will be made at a later date, subject to the programmatic or other factors.

SUCCESSFUL APPLICANTS

A notification letter selecting a Full Application for the competition does not authorize the Applicant to commence performance of the project. If an application is selected for the competition, it is not a commitment to issue an award. Applicants are not officially accepted into the competition until DEWA selection requirements are complete.

Applicants must designate a primary and a backup point-of-contact in SDME ONLINE with whom DEWA will communicate to conduct the acceptance process. The Applicant must be responsive during this process (e.g., provide requested documentation) and meet the deadlines. If the Applicant fails to do so or the process is otherwise unsuccessful, DEWA will cancel the Selection. DEWA reserves the right to terminate selection at any time for any reason.

UNSUCCESSFUL APPLICANTS

DEWA shall promptly notify in writing each applicant whose application has not been selected for the competition. If the application was not selected, the written notice shall explain why the application was not selected.

TERMS AND CONDITIONS

Selectees must continue to comply with all terms and conditions of these Official Rules, and receiving a prize is contingent upon fulfilling all requirements contained herein.



Attachment A

COST ESTIMATE - PROJECT PROPOSAL SOLAR DECATHLON MIDDLE EAST

University(ies) name(s)	_____
Address	_____
Reference Number	_____
Phone number	_____

ESTIMATED BUDGET	DESCRIPTION OF COST ELEMENTS	
1. Direct Materials		
	1.1. Raw material	<input type="text"/>
	1.2. Purchase material and parts	<input type="text"/>
	1.3. Purchases equipment and equipment rental	<input type="text"/>
	1.4. Purchased services	<input type="text"/>
	_____	<input type="text"/>
	_____	<input type="text"/>
	Total	<input type="text"/>
2. Materials Overhead		
	2.1. (____ %) Estimated rate + total direct cost	<input type="text"/>
	Total	<input type="text"/>
3. Direct Labor		
	3.1. Professors and researchers	<input type="text"/>
	3.2. Granted students	<input type="text"/>
	3.3. Laborers	<input type="text"/>
	3.4. Administrative	<input type="text"/>
	_____	<input type="text"/>
	_____	<input type="text"/>
	Total	<input type="text"/>
4. Overheads & fringe benefits		
	4.1. Professors and researchers	<input type="text"/>
	4.2. Granted students	<input type="text"/>
	4.3. Laborers	<input type="text"/>
	4.4. Administrative	<input type="text"/>
	_____	<input type="text"/>
	_____	<input type="text"/>
	Total	<input type="text"/>
5. Lower subcontractor		
	_____	<input type="text"/>
	_____	<input type="text"/>
	Total	<input type="text"/>
6. Consultants		
	_____	<input type="text"/>
	_____	<input type="text"/>
	Total	<input type="text"/>



7. Other Costs

- 7.1. General administrative expenses
- 7.2. Indirect expenses
- 7.3. Security
- 7.4. Communication
- 7.5. Architectural model
- 7.6. Videos
- 7.7. Uniforms
- 7.8. Personal protective equipment

Total

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8. Travels and cost for Workshops and final phase in Dubai

- 8.1. Travels and transports
- 8.2. Lodging
- 8.3. Expenses allowance
- 8.4. Miscellaneous expenses

Total

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9. Transport, assembly & disassembly processes

- 9.1. Disassembly in origin
- 9.2. Transport and cranes
- 9.3. Assembly in Dubai
- 9.4. Disassembly in Dubai
- 9.5. Transport to origin

Total

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10. Insurance policies

- 8.1. Liability insurance
- 8.2. Transport insurance
- 8.3. Accident insurance
- 8.4. Medical insurance

Total

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TOTAL COST ESTIMATED

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Team responsible (s)

Name (s)
Position (at the university)
Signature (s)
Reference Number

Budget preparation instructions

Provide complete, current, and accurate cost or pricing. A project summary budget is required according with attached estimated cost form, in order to ensure that all information provided in the Cost Estimate is complete and accurate and includes the necessary detailed documentation to allow SDME Organization to perform the required review and evaluations in a timely and efficient manner. It will be necessary to demonstrate that the university knows about how much funds they will need to guarantee the development of the project and the participation in the Solar Decathlon Middle East Competition in 2018 in Dubai.

1.- Direct Materials: Direct materials are normally purchased parts, purchased items or services (e.g., welding, minor fabrication etc.), raw materials, standard commercial items, interdivisional transfers at other than cost, etc. All estimated direct materials should be identified separately on an attached sheet with the quantity, unit price, and total amount provided. Further, price/cost proposal should indicate whether the unit price for each direct material item was determined and documented using written vendor quotes, catalog prices, prior invoices, engineering or shop estimates, or some other method with an explanation provided. Provide supporting documentation (cost or pricing data) such as the written vendor quotes, copies of the catalog page indicating the price, or prior invoices for all direct material items.

2.- Material Overhead: If accounting system includes material overhead, propose such indirect costs in this area. Indicate the rate(s) used and provide an appropriate explanation.

3.- Direct Labor: Direct labor should indicate the hours, hourly rate, and total for each individual or category of labor proposed.

4.- Labor Overhead and Fringe Benefits: If accounting system includes labor overhead, propose such indirect costs in this area. Indicate the rate(s) used and provide an appropriate explanation. If fringe benefits are not included in direct labor and are not a portion of the labor overhead, identify fringe benefits in this area and provide the same type of information concerning fringe benefits as required for labor overhead.

5.- Lower-tier Subcontractors: Identify each proposed lower-tier subcontractor and obtain a cost proposal containing the same information and in the same format from each proposed lower-tier subcontractor.

6.- Consultants: Identify each proposed consultant and the estimated budget of their services.

7.- Other Direct Costs: Include any direct costs not covered by one of the other cost elements in this area. A detailed list of each cost item including description, and estimated budget is required. An example of this type of costs could be general and administrative expenses, indirect expenses, security activities and services, cost of models, communications costs etc.

8.- Travels and costs for final phase in Dubai: The travels costs will be, for some universities, an important chapter of their budget. It must be defined the number of team members and the unit cost estimated of travels, transports, expenses allowance, lodging accommodations and miscellaneous expenses.

9.- Assembly, transports, and disassembly processes: According with the prototype designed by the universities, it will be necessary an important amount for the transportation to Dubai, including trains, trucks, cranes, scaffoldings, assembly and disassembly processes.

10.- Insurance Policies: Estimated cost for the policies to be issued for the University project, according to standard practices and future agreement with SDME organization.