

# **SOLAR DECATHLON 2013**

## **Request for Proposals**

### **Amendment No. 1**

RFP Issue Date: July 21, 2011

Amendment No. 1 Issue Date: October 10, 2011

This Amendment No. 1 to the Solar Decathlon 2013 Request for Proposals is issued to:

- 1) Provide an update to the anticipated Site Location of Solar Decathlon 2013; and
- 2) Update requirements for Building Information Model

Technical Questions must be received in writing no later than 4 p.m. Mountain Time on October 11, 2011 and will be answered in Amendment 2. Amendment 2 will be posted on the website approximately October 14, 2011. (Submit technical questions to: [Rebecca.Dohrn@nrel.gov](mailto:Rebecca.Dohrn@nrel.gov).)

#### 1. Update to Site Location of Solar Decathlon 2013

The location of Solar Decathlon 2013 will be determined by a separate Request For Proposal process in autumn 2011.

The location will not be determined prior to the Collegiate Team proposal deadline of Nov. 10, 2011. An announcement of the Solar Decathlon 2013 site location is anticipated in December 2011. Those Collegiate Teams invited to participate in Solar Decathlon 2013 will be given an opportunity to withdraw as a result of the selection of the site location for Solar Decathlon 2013, if desired.

Institutions considering the submission of a proposal are encouraged to review the [Solar Decathlon 2011 Rules](#) on Page 2 of the RFP. Note that rule changes are typical from one competition to the next.

2. Update to Requirements for Building Information Model:

Appendix E, Statement of Work, Paragraph 6.0 Deliverables is hereby revised to delete the prior restriction relative to the Building Information Model and replace it with the asterisked footnote below.

**6.0 DELIVERABLES**

Due Date	Payment	Deliverable Name		Format	Comments
<b>PHASE I (\$50k total)</b>					
August 19, 2012	5%	Web Site		URL	<ul style="list-style-type: none"> <li>• Must be code* compliant</li> <li>• Corrections and resubmittal due 14 days after receipt of reviewer comments</li> </ul>
October 11, 2012	35%	Design Development Phase	Building Information Model	RVT (Revit)**	<ul style="list-style-type: none"> <li>• Minimum 80% complete design documentation</li> <li>• Corrections and resubmittal due 14 days after receipt of reviewer comments</li> </ul>
			Drawings	PDF	
			Project Manual	PDF	
December 21, 2012	5%	Computer-Animated Walkthrough		MOV (Quicktime)	<ul style="list-style-type: none"> <li>• Corrections and resubmittal due 14 days after receipt of reviewer comments</li> </ul>
January 19, 2013	5%	Scale Model		1:24 Model	<ul style="list-style-type: none"> <li>• Must be submitted by one or more student team members at the Design Development Review Workshop</li> </ul>
<b>PHASE II (\$50k total)</b>					
February 12, 2013	5%	Health and Safety Plan		PDF	<ul style="list-style-type: none"> <li>• Includes Project Manager's, Construction Manager's and Health and Safety Officer's proof of recent OSHA 30-hour construction safety training</li> <li>• Corrections and resubmittal due 14 days after receipt of reviewer comments</li> </ul>
	25%	Construction	Building Information Model	RVT (Revit)**	<ul style="list-style-type: none"> <li>• Minimum 95% complete design documentation</li> <li>• Must demonstrate code* compliance and reflect final design</li> </ul>

		Documentation Phase	Drawings	PDF	• Corrections and resubmittal due 14 days after receipt of reviewer comments
			Project Manual	PDF	
April 25, 2013	5%	Project Summary		PDF	• Corrections and resubmittal due 14 days after receipt of reviewer comments
June 27, 2013	5%	Public Exhibit Materials		PDF	• Corrections and resubmittal due 14 days after receipt of reviewer comments
No later than November 22, 2013	5%	Disassembly		n/a	• Safe disassembly of the project and complete, on-time removal of all equipment and project components from the competition site
November 22, 2013	5%	Final Report		PDF	• Corrections and resubmittal due 14 days after receipt of reviewer comments

\* The [Solar Decathlon 2011 Rules and Building Code](#) describe the codes for the 2011 event. It is likely the codes will be similar for the 2013 event.

\*\* The building information model may be submitted in an IFC compatible format that can be opened and processed in Autodesk Revit 2010 or later without loss of functionality or information. NREL will provide National CAD Standard documentation templates for Autodesk Revit ONLY. Each Team is solely responsible for ensuring the compatibility of the software format used. Teams shall receive no deliverable time extensions or additional support from NREL to mitigate any compatibility issues. In the event a Team's building information model is unable to be opened and reviewed by NREL as a result of incompatibility, NREL shall consider the deliverable not accepted. Teams shall coordinate any training needs directly with the software providers. NREL is not responsible for providing or coordinating software training.