

**CSUC / XBRL-CET / SGIP PAP25 - University Interoperability Research Facility
Buildings University Innovators And Leaders Development DE – FOA – 0001167**

Topic Area Number : DE-FOA-0001167
Project Title : **University Interoperability Research Facility.**

- Big Energy and Small Business
- Examining the Potential of Interoperability for building the Nation's Energy Infrastructure and Energy Efficient Buildings

Lead Organization : California State University Chico
Supported by XBRL-CET and SGIP PAP25

Organization Type : Consortium

Principal Investigator : Surety Resource Connection, Inc.

Team Members and Key Participants : XBRL US, SGIP, PwC, Intuit, GALLINA, Solar Nexus

In recognition of the "discouraged" notification this Full Submission does not contain the required extensive detail and supporting documentation, nor comply with the submission guidelines.

Instead our request for re-consideration simply seeks to engage the DOE as part of the grant submission process to bring awareness to the SGIP PAP25 / XBRL-CET project because awareness, education and outreach is the objective behind our submission.

While we do certainly seek funding, our main objective is to foster interoperability in the energy industry for greater efficiencies and to secure for DOE the objectives it has already stated and funded through SGIP, BEDES and IEP XML, to name but a few.

Should the DOE grant us the opportunity to be reconsidered we would like to request the following exceptions from the formal DOE FOA guideline:

Restriction against DOE FOA reviewers having any contact with outside parties regarding the grant proposal.

Again, the objective is engagement, education and outreach. Being prohibited from the discussion denies the DOE reviewers the opportunity to explore the opportunity and to determine if it is in the best interest of the DOE to provide support.

Restriction against DOE FOA reviewers having any contact with DOE, FERC and NIST regarding the grant proposal.

Being prohibited from the discussion denies the DOE the opportunity to explore the opportunity and to determine if it is in the best interest of the DOE to provide support.

Modification of Concept Paper

We respectively disagree with the response that there is no research being proposed, however we appreciate the abstract nature of the proposal does not make the research component a prominent feature. Research is defined as working to see if an assumption of what may be, actually is. Our grant proposal seeks to research if open standards can improve the building and retrofitting of energy related projects. We would like to amend our grant to submit the following research title:

Does improving access to information improve access to surety and/or bank credit for small businesses engaged in energy related work?

Cost sharing

Our proposal contemplated the need to raise \$250,000, and we intended to do so with a crowd funding approach. Since the primary objective of the grant request is engagement with DOE and to take advantage of the platform, structure and visibility the FOA process entails, we would like to have DOE consider 100% cost sharing. In other words, we raise the funds but utilize the FOA structure for managing the funds.

Deferral of notification of winners to after April 30th.

We have a meeting at DOE in Washington DC on April 24th to present to the DOE and FERC the prototype applications, products and services directly associated with this grant request. Should the DOE reviewers elect to participate in this meeting, the merits of the proposal would be much easier to comprehend.

With these exemptions the resulting engagement with DOE should be very productive, and regardless of funding decisions that engagement with SGIP PAP25 and XBRL-CET will advance the goals and objectives of the FOA, and generate positive results.

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In support of our request to consider the exceptions requested and to defer at least one of the funding grants until DOE has an opportunity to participate in the meeting at DOE April 24th we offer the following:

Engage with SGIP PAP25 and XBRL-CET	Reject the Reconsideration Request
The DOE encourages multi-stakeholder exploration of how interoperability can improve energy related construction for promoting construction of new energy generating facilities and retrofiting existing buildings for more efficient use of energy.	DOE doesn't get the benefit of the resulting engagement, and won't be able to consider and/or incorporate possibilities that would have been explored.
The cat herd collaborates on how to implement data standards for XBRL (accounting) IEP XML (solar) AcordXML (insurance) agcXML (construction)	DOE does not support exploring how data exchange could be implemented.
The cat herd collectively pledges \$250,000 that can be utilized regardless of DOE funding.	No reason for stakeholders to make a pledge.
California State University Chico establishes Interoperability R&D facility as part of AGC Surety Connection Project at CSU Chico.	No funding will defer the establishment of the Interoperability R&R Facility.
Other universities are invited to participate in the other components; XBRL, Acord, IEX MXL and BEDES. Each funded from their one specific grant out of the group of five potential grants.	Without invitations to other universities one of the main objectives of the DOE FOA, improving university programs, will not be achieved to the potential it could have.
Data standards are coordinated with manufacturing as part of DOE funded BAPVC.	Without invitations to BAPVC the objective of the DOE FOA for incorporating manufacturing will not be achieved to the potential it could have.
The DOE "Green Button" prototype Data Set for energy usage is used a model for other energy related Data Sets to promote similar innovations and development of new applications enabled by the predictability of the established Data Set.	No return on DOE investment
DOE funded SGIP provides some return on investment with PAP25	No return on DOE investment
DOE funded IEP XML provides some return on investment with interoperability of IEP XML with XBRL for financial reporting and better access to capital.	No return on DOE investment
DOE funded BEDES provides some return on investment with implementation of recommendations and incorporating already scheduled follow-on activities for "knitting together" data standards.	No return on DOE investment
DOE is provided with an option for how federally funded energy related activity can comply with the DATA ACT with XBRL specifically tailored for energy.	DOE doesn't get the benefit of the resulting engagement, and won't be able to consider and/or incorporate possibilities that would have been explored for compliance with the DATA Act.
The CHICO Common App is updated to modern platforms as a demonstration prototype for identifying specific Data Sets, and to show how importing/exporting those Data Sets from applications like Quickbooks and Contractor ERP (Enterprise Resource Planning) systems so that any system can incorporate the functionality simply by adopting the open data standards.	The opportunity to spark innovations in software development, like the Green Button did, is lost.
Various DOE departments working on data standards are coordinated.	The opportunity to explore how various DOE departments can be coordinated is missed.

In closing we appreciate the work and intentions of the DOE FOA process and stress again our informality with this submission is based on the discouragement notice, and we didn't want to waste your time reviewing what would be have taken a considerable amount of our time to assemble. We acknowledge our request will likely be denied as outside what the FOA was looking for, however, the cost to engage with our effort is minimal at best, and the benefit of awareness and participation, both internal to the DOE and external to all the stakeholders that work with DOE, could produce results that are in keeping with the goals and objectives of the FOA. It will help Small Business and Big Energy, and create an Interoperability Research Center at CSU Chico.

In that spirit we respectfully request consideration, and regardless we would like to extend an invitation to our meeting at the DOE on April 24th. Link: <http://www.xbrl-cet.com/doe-ferc-april-24-2015.html>