**T833 – Design, Supply, Installation and Commissioning of Solar Photovoltaic Panels at The University of Essex, Colchester Campus.**

The University of Essex is seeking to appoint a suitably accredited, qualified and experienced contractor for the design, supply, install, testing and commissioning of solar photovoltaic systems here at our campus in Colchester, Essex, for completion during 2020. Robust connections to the mains electricity network in each building will also be part of the scope.

A desktop analysis of the suitable campus roofs has established that there is up to 3,401m2 of roof space available for the installation of Solar PV arrays. The main driver for the Solar PV project is to save energy in line with our Carbon Management Plan, to reduce grid import and reduce carbon emissions, in a cost-effective manner with a reasonable capital cost payback term.

Thirteen buildings across the estate have been identified as having suitable south facing aspects with no shadow totalling a roof area of 11,354m2. It has been assumed that 30% of this figure will be useful for the installation of suitable PV arrays. The project is to be part funded via Salix funding so each building and the full proposal for the campus needs to comply with Salix investment criteria and hurdle rates. The approach for each building should be tailored to support this aim.

A site plan has been attached which can be cross referenced with Google Maps: <https://www.google.co.uk/maps/@51.8772583,0.9449303,591m/data=!3m1!1e3>

The University also has a map on our website that shows building’s locations: <https://findyourway.essex.ac.uk/>

The successful contractor will be appointed under the JCT Design and Build Contract 2016.

Part A of the tender assessment covers the prerequisite accreditations and standards that applicants must demonstrate compliance with in order to participate in the tender process. Applicants must have accreditation to all of the following in order to be considered for this opportunity:

1. The NICEIC (Commercial Level), ECA or equivalent
2. Solar PV Microgeneration Certification Scheme or equivalent
3. Constructionline (or equivalent) verified Silver, Gold or Platinum Membership
4. Approved to Constructionline Work Categories detailed below ( or equivalent) with a notational value of £550,000 or above

* 45261215-4 Installation of solar photovoltaic systems (solar PV) for converting daylight into electrical

Power

* 45310000-3 Electrical installation work

The University of Essex uses Constructionline, a procurement and supply chain management service, to streamline the procurement and assessment of contractors applying for this opportunity: <https://www.constructionline.co.uk/>

If you are already a verified Gold level member of Constructionline you can provide us with your registration number and then skip the core questions C1, C2, C3, C4, O1, O2, O3 and O4 and go straight to the project-specific supplementary questions provided in the tender pack. If you are a verified Silver Member of Constructionline you can provide us with your registration number and then skip the core questions C1, C2, C3, C4 only and ensure you complete O1, O2, O3, O4, Corporate and Social Responsibility questions, and the University of Essex technical questions.

Please ensure that you log-in to your Constructionline profile and confirm the information they hold on your company is accurate and that you are verified for the Work Categories and notational values stated above. Please note it is the bidder’s responsibility to ensure that your profile is valid by the closing date of this advert and meets the requirements of this notice and the tender documentation.

Applicants that are not Constructionline members are encouraged register as this will simplify evaluation of the pre-requisite requirements. To apply to Constructionline in relation to this contract notice please contact David Marshall by email on david.marshall@constructionline.co.uk.

Organisations that are not Constructionline Members will not be precluded from expressing an

interest in this contract notice but will need to demonstrate that they meet the prerequisite

requirements, through the completion of a full PAS91 questionnaire and supporting evidence.

Part B of the tender assessment will cover applicants proposed approach to delivering a technical solution, social value and commercial response.

The University of Essex uses the Proactis e-sourcing portal to conduct our tender activity. Please ensure that you register your organisation on the Proactis portal and download the tender documentation pack and participate at the following web address:

<https://supplierlive.proactisp2p.com/Account/Login>

The closing date for submission of completed tender submissions, via the Proactis e-sourcing portal, as directed above, is midday Friday 13th March 2020.