



# University of Science and Technology of Southern Philippines

Alubijid | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon

## BID FORM

**NAME OF THE PROJECT :** Proposed Procurement for the Supply, Delivery, Installation and Commissioning of 15KW Solar Power Supply for the Research and Development Office at Block-0 USTP-Alubijid

**APPROVED BUDGET OF CONTRACT :** TWO MILLION PESOS AND 00/100 (P2,000,000.00) ONLY

**BRIEF DESCRIPTION :** Supply, Delivery, Installation and Commissioning of 15KW Solar Power Supply for the Research and Development Office at Block-0 USTP-Alubijid

**SOURCE OF FUND :** INCOME CY 2020

**CONTRACT DURATION :** One Hundred Eighty (180) Calendar Days

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
1	<p><b>15KW Solar Power Supply</b>            Design and Installation of 15KW on-Grid connected PV System, which will be interconnected directly to the 230V, 3-Phase Electrical Circuit of the RDO Building: The Solar Panel shall be installed on the roof the RDO Building and consider 8 to 20 inclination according to the approved standard.            Material requirements for Design and Installation of 15KW on-Grid Solar PV System includes:</p> <ul style="list-style-type: none"> <li>i High efficient Solar module. 10-years warranty on 25 years expected useful life;</li> <li>ii Solar Edge Inverter Module 15KW,60 Hz, 3 phase, 230V, VDC MPP 390-800 V, VAC=220-240 Delta , 5-year warranty;</li> <li>iii Solar Panel mounting system package use stainless steel bolts and nuts, use aluminum alloy frame or approved type</li> <li>iv DC Combiner box w/ DC Protection and Surge Protection</li> <li>v Web Monitoring</li> <li>vi Batteries</li> <li>vii Wires and Cables</li> <li>viii Network Cables</li> <li>ix Power Optimizer</li> <li>x Automatic Transfer Switch</li> <li>xi All other accessories and hardware as necessary to complete the project.</li> <li>xii Lightning Arrester</li> <li>xiii Solar Panel Coating to Repel Rain Dust</li> </ul> <p>c. All installation and equipment to be used in accordance with PEC, ANSI and IEG Provisions and Standards.            d. All materials and equipment to be used if imported must be UL Listed and have ICC mark, and if local with PS mark.</p> <p><b>WARRANTY CERTIFICATES:</b></p> <ul style="list-style-type: none"> <li>a) Solar module 10 year warranty on 25 years expected useful life.</li> <li>b) Hybrid Inverter/Multiple Inverter in Equivalent, 230/400V. 3-phase, 60 Hertz dual MPPT 3-year warranty.</li> <li>c) Inverter Module 20Kw, 230/400V, 3 phase, 60 Hertz dual MPPT 5-year warranty</li> <li>d) 2V 1520 1200Ah Lead Acid Battery. 1-year warranty;</li> <li>e) 1 year warranty for system installation.</li> <li>f) Web monitoring system maintenance for 1-year</li> <li>g) 5 year warranty on structure to withstand Wind Speed of up to 200kph.</li> <li>h) 5 year warranty against corrosion due to salt water.</li> </ul> <p><b>Bundled with User's and Preventive Maintenance training for 16 hours (8 hours/day) for atleast five (5) persons.</b></p>	1	lot	2,000,000.00	P	P
<b>TOTAL:</b>					P	P

Total Bid Price in Figure: \_\_\_\_\_  
 Total Bid Price in Words: \_\_\_\_\_  
 Name and Signature of Bidder: \_\_\_\_\_

*Handwritten Signature*

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All bid proposals must be sealed in envelopes properly labeled and submitted to this University on or before the deadline of submission of bids, **DECEMBER 21, 2020, 01:00 P.M.** at the Procurement Services, 2nd Level Gymnasium Lobby, University of Science and Technology of Southern Philippines, C.M. Recto Ave., Lapasan Cagayan de Oro City.

The University of Science and Technology of Southern Philippines assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid. The USTsP neither assumes any obligation for whatsoever losses that the bidders may incur in the preparation on their bids nor guarantee that an award will be made.

  
**ATTY. KENNETH M. KEMPIS**  
 BAC II Chairperson