| Bid Bulletin 001-2019 <br> Solar Home System - PV Mainstreaming Project <br> October 10, 2019 |  |  |  |
| :---: | :---: | :---: | :---: |
| From |  | To |  |
| Bidding Documents - b. 7 LAMPS and LED Lights |  | Bidding Documents - b.7 LAMPS and LED Lights |  |
| Compulsory Requirements | IEC-LM-80-08 | Compulsory Requirements | IES - LM-80-08 |
|  | IES - LM- 21-11 |  | IES - TM- 21-11 |
| Bidding Documents - B. 10 CABLING AND WIRING |  | Bidding Documents - B. 10 CABLING AND WIRING |  |
| Stranded and flexible insulated copper wiring shall be used. Cables used for wiring shall have three years of warranty. | DC cables from Charge Controller to DC light switch: (i.e. DC lighting systems only). 'Flexible multi-strand copper conductor, with 2 conductors in flexible sheath, with polarity indication'. Minimum 0.5 mm 2 XSA conductor to light switch for individual 3W lights up to 5 m ; or two 3 W lights per circuit, up to 5 m only. For longer looms for more lights use $1.0 \mathrm{~mm}_{2} \mathrm{XSA}$. | Stranded and flexible insulated copper wiring shall be used. Cables used for wiring shall have three years of warranty. | DC cables from Charge Controller to DC light switch: (i.e. DC lighting systems only). 'Flexible multi-strand copper conductor, with 2 conductors in flexible sheath, with polarity indication'. Minimum 0.5 mm 2 XSA conductor to light switch for individual 3 W lights up to 5 m ; or two $\mathbf{2 W}$ lights per circuit, up to 5 m only. For longer looms for more lights use 1.0 mm 2 XSA . |
|  |  |  |  |
| The Vending Machine System will include | 3. A Centrally managed database portal managed on a computer operated by the SBU, backed up on a cloud server | The Vending Machine System will include | 3. A centrally managed database portal managed on a computer operated by the SBU, backed up on a cloud server for at least 5 years |
| Vending Machine Software | - ${ }_{\text {- }}$ | The Vending Machine System will include | 5. Bidders to acquire an agreement or certificate from the manufacturer/software provider for the use of that vending management and ensure that it will function based on standard for at least 5 years. |
| Annex A - A. 2 Spares |  | Annex A - A. 2 Spares |  |
| LED Lights | 1W-3\% | LED Lights | $3 \%$ of the total required |
|  | 3W-6\% |  |  |

Camarines Sur IV Electric Cooperative Inc.
CASURECO IV
Talojongon, Tigaon Camarines Sur

| Others |  |  |  |  |
| :--- | :--- | :--- | :--- | :---: |
| Eligibility Requirements | PCAB License |  | Eligibility Requirements |  |
| The Solar Home System as | 1W |  | PCAB - not applicable |  |
| package will include | 3 W | The Solar Home System as | 1- 1 W |  |
| package will include | 2 W |  |  |  |
| Battery Warranty | 2 years | Battery Warranty | 3 1- |  |



## BAC Chairman

then
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Vice-Chairman


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Member


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