**SCOPE OF WORK**

The UNDP, Nigeria invites Bids for installation of solar inverter system to the underlisted Schools in Borno State. The schools are:

Malari Primary School, Malari, Konduga LGA (2 Blocks of Classrooms)



(Lat: 11.697500; Long: 13.342222)

The works consist of:

<Preliminary Works>

1. Conduct testing of materials
2. Pay police regulations and other charges
3. Conduct site clearing, setting our and keep progress record and pictures
4. Provide access road, site store, temporary fence and sheds, name boards (UNDP Signage) and power source
5. Ensure safety and health facilities/regulations
6. Provision of ventilation for installation room, storage for rubbish and other requisite facilities
7. Ensure security of both human, equipment and material on site.

Installation of Solar Inverter System>

1. Supply and install 5KVA/48V sine-wave inverter system
2. Provide and install 200AH/12V deep cycle battery
3. Provide and install 200W/24V Polycrystalline solar panels
4. Provide and install 60A/48V charge controller
5. Provide cabling for all components according to technical specification
6. Provide for interconnection of ALL UNDP Blocks within the school Premise
7. Provide for testing, commissioning and other civil works

<Terms of Payment>

UNDP will pay the contractor/vendor 20% upon signing of contract and submission of required documents (performance bold, warranty, insurance etc), and 80% upon completion of project.

<Warranty Requirement>

UNDP requires the contractor to give a written warranty of 6months on all supplied and installed solar and inverter materials