



**ASSOCIATION OF FEDERAL GOVERNMENT COLLEGE ENUGU ALUMNI AMERICAS, INC.
(AFGCEAA)**

A 501(C)(3) NON PROFIT CORPORATION

1521 Concord Pike Ste 303, Wilmington, DE 19803-3644

web: <http://fgcealumni.org> / email: executivecouncil@fgcealumni.org

Invitation to Tender/Pre-Qualification

June 26, 2017

The Association of Federal Government College Enugu Alumni Americas (AFGCEAA) formed a Project Implementation Committee (PIC) to oversee the execution of projects that would improve living conditions, and foster a better learning and teaching environment for students and staff at our great alma mater Federal Government College, Enugu (FGCE).

Invitation to Tender: Solar Indoor Lighting Project (FGCE Refectory)

Bids are invited from interested members of the public for the supply of part or all of the following products and/or services:

Indoor Solar Lighting for the Refectory at Federal Government College, Enugu.

Solution Needed

To enable students' evening studies in the refectory, there is the need to power lights, fans and USB phone charging outlets in the refectory every day for about 4.5 hours from 6.30 pm to 11.00 pm. Vendors are invited to design and quote for a solar-powered solution to provide this service. The refectory is a large bungalow, and measures 160 ft x 80 ft inside the main hall. The solution should:

- (1) Power lights in the refectory's main hall to enable students study between dusk (around 6.30 pm) and lights-out (around 11pm) every day. The solution should if possible utilise existing lighting points, currently numbering about 90, for minimal disruption to the existing wiring and interior decor.
 - (2) Power at least half of the ceiling fans within the refectory main hall (there are currently about 60 ceiling fans in the ref) while the students are studying there.
 - (3) Provide a bank of custom-made twenty (20) 5V USB outlets (not regular 220V power sockets) for charging USB-compatible mobile phones; these should be protected from vandalism and abuse for other purposes.
 - (4) Run automatically between the hours specified without the need for daily human operation (so should utilise timers).
 - (5) Have the option to serve as a backup power source from time to time during special events in the hall.
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BOARD OF DIRECTORS: Ike Agbim - Board Chair, Miriam Ene - Board Secretary, Members; Nnanna Ezuma-Ngwu, Ijeoma Nwogu-Omekam, Ugo Okafor, Chiko Achebe-Onu, Nonso Onochie, Nnaemeka Osakwe



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(6) Be expandable to accommodate future solutions such as powering CCTV cameras.

Vendors are invited to provide their own design, detailing the make and model of all components required, their technical specifications (eg volts, watts, AH, where relevant), and cost, and the cost of any installation, transportation or any other associated charges.

Vendors that prefer not to offer their own designs/specifications are invited to bid for the project based on the attached Bill of Quantities. Contracts may be awarded based on some or all of the items in the Bill of Quantities. Bids which are only valid for an all-or-none contract must be marked as such.

Bill of Quantities _ Prep-Hall Lighting for FGCE Refectory

S/Nr	Item Description	Qty	Unit Price	Amount
1	200Wp Mono Solar Panels (US Spec or major brand)	21		
2	Outback FM 80 Charge controller	1		
3	Deka Gel 200AH Battery	8		
4	Outback VFX or VFXR 3048E Inverter	1		
5	Battery Rack for 4 batteries	2		
6	Midnight Solar Circuit Breaker Box (or Similar)	1		
7	Outback MATE3	1		
8	TP-Link 3G/4G USB Modem Router	1		
9	HCPDA 3G modem	1		
10	100A DC circuit breaker	4		
11	10A Contactor (2NO 2NC)	2		
12	Standard Light Switch Timer-Actuator (Battery Operated) (see maplin.co.uk product code A07QY)	2		
13	Change-over switch-gear	2		
14	Water Heater Switch	2		
15	5V USB power supply with 20 outlets, custom-built, tamper-proof	1		

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16	25 mm wire roll red and black	2		
17	2.5 mm roll red and black	2		
18	2.5 mm wire roll (earth)	1		
19	Earth rod, charcoal and all accessories for earthing	1		
20	Trunking and related accessories for up to 200 ft of wiring.	1		
21	Protectors/burglar proofing boxes	1		
22	Solar Panel Roof Installation Accessories	1		
23	Solar Panel Roof Installation Labour	1		
24	Control Panel Electrical Installation Plus all Other Wiring/Modifications/Installations	1		
25	4-Watt LED Light bulb E-27 Daylight	100		
26	Transportation etc	1		
	Total			

Tenders are hereby invited from eligible and reputable contractors who wish to bid for the projects. Completed tender documents for each project should be submitted to Project Implementation Committee via email at 2017projects@fgcealumni.org

All bids must be received by 11.59pm (WAT) on July 3, 2017.

The solar solution needs to be operational within two weeks from the date of the award of the contract, or by 31st July 2017 at the latest.

Successful bidders will be contacted not later than 10 days from the date of this publication.

For questions/clarifications on this publication please contact Project Implementation Committee via email at 2017projects@fgcealumni.org

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Pre-Qualification Criteria:

1. Certificate of Incorporation/Evidence of Registration at the CAC
2. Evidence of current Tax clearance certificate for 3 years (optional)
3. Evidence of VAT and TIN (Tax Identification Number) registration
4. Company profile, organizational structure including names of directors and management team, address of the company, and contact details.
5. Evidence of execution of similar projects undertaken in the past 3 years, including scopes, sites of project, contract sum, and evidence of successful completion (optional).
6. Evidence of financial capability and bank reference.
7. Professional body registration if any e.g. ICAN, COREN, SEC etc.
8. Members of the PIC, Executive council, Board members of AFGCEAA Inc. and any company they are in partnership with are not eligible to bid.
9. Bid Certification document.

Signed

Dr Innocent Ogbue

2017 Project Coordinator

On Behalf of Association of Federal Government College Enugu Alumni Americas (AFGCEAA)

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