OMB APPROVAL NO. 2700-0042

SOLICITATION, OFFER, AND AWARD *(Construction, Alteration, or Repair)*	1. SOLICITATION NO.	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	SZA600-14-PR-3517850	☐ SEALED BID (IFB) [x] NEGOTIATED (RFQ)	**07/10/2014**	1 48

IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO.

7. ISSUED BY CODE	8. ADDRESS OFFER TO
American Embassy Subdivision 694/Stand 100 P.O. Box 31617 Lusaka	See item 7

9. FOR INFORMATION CALL:	A. NAME	B. TELEPHONE NO. *(Include area code)* ***(NO COLLECT CALLS)***
	Peya Chihubwe	+260-211-357000

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder."

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS *(Title, identifying no., date):*

CARRY OUT AN ELECTRICAL UPGRADE AT 55 KABULONGA ROAD

SF-1442, Solicitation, Offer and Award
A. Price
B. Scope of Work
C. Packaging and Marking
D. Inspection and Acceptance
E. Deliveries/Performance
F. Administrative Data
G. Special Requirements
H. Clauses
I. List of Attachments
J. Quotation Information
K. Evaluation Criteria
L. Representations, Certifications, and other Statements of Offerors or Quoters

11. The Contractor shall begin performance within __7__ calendar days and complete it within __75__ calendar days after receiving ☐ award, ☒ notice to proceed. This performance period is ☐ mandatory, ☐ negotiable. *(See _____.)*

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? *(If "YES," indicate within how many calendar days after award in Item 12B.)*	12B. CALENDAR DAYS
☒ YES ☐ NO	14

13. ADDITIONAL SOLICITATION REQUIREMENTS:

A. Sealed offers in original and _2_ copies to perform the work required are due at the place specified in Item 8 by **_16:00_____** *(hour)* local time **July , 21, 2014**. If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

B. An offer guarantee ☐ is, ☒ is not required.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

D. Offers providing less than __10___ calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER *(Must be fully completed by offeror)*

14. NAME AND ADDRESS OF OFFEROR *(Include ZIP Code)*	15. TELEPHONE NO. *(Include area code)*
	16. REMITTANCE ADDRESS *(Include only if different than Item 14)*
CODE FACILITY CODE	

17. The offeror agrees to perform the work at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government within _____ calendar days after the date offers are due. *(Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.*

AMOUNTS ➔

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS
The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each

AMENDMENT NO.										
DATE										

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER *(Type or print)*	20B. SIGNATURE	20C. OFFER DATE

AWARD *(To be completed by Government)*

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN *(4 copies unless otherwise specified)* ➔	ITEM	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO ☐ 10 U.S.C. 2304(c)( ) ☐ 41 U.S.C. 253(c)( )
26. ADMINISTERED BY CODE		27. PAYMENT WILL BE MADE BY Financial Management Office American Embassy Lusaka P.O. Box 31617 Lusaka

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☐ 28. NEGOTIATED AGREEMENT *(Contractor is required to sign this document and return ____ copies to issuing office.)* Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration slated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this contract.	☐ 29. AWARD *(Contractor is not required to sign this document.)* Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN *(Type or print)*	31A. NAME OF CONTRACTING OFFICER *(Type or print)* Paul Stenseth

30B. SIGNATURE	30C. DATE	31B. UNITED STATES OF AMERICA	31C. AWARD DATE

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SF 1442 cover sheet

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Attachments

Attachment 1: Performance Bond
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REQUEST FOR QUOTATIONS - CONSTRUCTION

A. PRICE

The contractor shall complete all work, including furnishing all labor, material, equipment and services required under this purchase order for the following firm fixed price and within the time specified. This price shall include all labor, materials, overhead and profit.

_____ Total Price

B. SCOPE OF WORK

PROPOSED ELECTRICAL UPGRADE AT 55 KABULONGA ROAD, LUSAKA

PURPOSE AND DESCRIPTION OF THE SERVICES:

The purpose of this Statement of Work (SOW) is to instruct and orient the development of the services, and to establish obligations and rights of the Embassy of the United States of America in Lusaka, Zambia, always referred to as the CONTRACTING OFFICER, and represented by the Facility Manager or General Services Officer Appointed Inspector and of the contracted company, always referred to as the CONTRACTOR, to whom the execution of the services of **electrical upgrade of house No.55 Kabulonga Road, Lusaka**, will be trusted to, as this document specifies.

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR:

A. SAFETY AND HYGIENE AT THE WORK SITE

I. All personnel on site shall be required to observe and guarantee safety and hygiene at all times. Any breach of these requirements may result in removal from site of the infringing personnel or the Contractor.

II. The Contractor shall, prior to taking possession of site, present the Contracting Officer's Representative, a copy of their Safety Plan for adoption on site.

III. Any safety incident should be reported to the Project Manager within twenty-four (24) hours of its occurrence. Failure to report a safety incident amounts to a breach and will attract a penalty.

B. SITE ACCESS

I. It is a requirement that all Contractor personnel and equipment obtain US Government clearance prior to accessing the work site.

II. It is the responsibility of the Contractor to submit a list of names of all personnel that will be expected to access the work site, at any point during the contract period. Any personnel without clearance will not be allowed access to site.

C. INSPECTION AND UPGRADE OF EXISTING UTILITY POWER SUPPLY

I. In collaboration with the Zambia Electricity Supply Corporation (ZESCO), inspect and verify that the existing utility power supply to site is:
   a. Healthy
   b. Adequate and appropriate

II. All parameters used to ascertain the above shall be measured, recorded and shall form an integral part of documentation for mandatory submission to the United States Government, upon project completion.

III. Where the existing supply is deemed inadequate, arrange, in collaboration with ZESCO, for the appropriate upgrading of the utility power supply to site, bearing in mind the scheduled project completion period.

D. PREPARATORY WORKS

I. Inspect and quantify throughout the residence the existing electrical power wiring and devices which need to:
   a. Remain
   b. Be removed from service and abandoned in place
   c. Be removed from service and deleted

d. Be replaced with new wiring and/or devices

II. Remove and isolate all surface mount equipment and store in a designated room.

III. Wiring/conductors to comply with NEPA 70E. Wiring/conductors to be new, except as specifically agreed in writing by the contracting Officer's Representative.

IV. Inspect and identify hazardous materials with the potential to be disturbed while performing the scope of works. Prior to commencing work, notify the CONTRACTING OFFICER of such material and await further instructions.

E. INSPECT, VERIFY AND MAKE GOOD IF NECESSARY OF EXISTING MAIN ELECTRICAL DISTRIBUTION PANEL, WIRING AND ASSOCIATED INSTALLATIONS

I. Retain and re-utilize conduit and wiring/conductors in compliance with requirements of Section d, paragraph iii (d.iii) to comply with NEPA 70E. Wiring/conductors to be removed except as authorized by the Contracting Officer's Representative.

II. Inspect, verify and make good existing surface-mount metering box, complete with neutral and ground bars, lightening/surge protection devices, and all accessories and ancillaries required to effect a complete and safe installation.

III. Supply, install and set to work a new electrical grounding / lightning protection system comprising 1 x 3-meter-long 20mm **copper-plated steel** ground rod, air rods, clamps, 16sqmm BCEW, inspection joints, inspection box and any other accessories and ancillaries required to effect a complete and safe installation.

IV. Contractor shall install government furnished ground fault circuit interrupter (GFCI) breakers at locations specified by the Contracting Officer's Representative.

V. Inspect, verify and make good if necessary Main Electrical Distribution Panel comprising:
   a. 3 x 100 Amp SP MCB (main breakers)
   b. **lighting circuits** in 2 x 2.5sqmm single core wire + 1 x 2.5sqmm earth continuity conductor (ECC), with 15 Amp SP MCB
   c. **small power circuits** in 2 x 4sqmm single core wire + 1 x 4sqmm ECC, with 20 Amp SP MCB
   d. **cooker circuits** in 2 x 10sqmm single core wire + 1 x 10sqmm ECC, with dedicated 50 Amp SP MCB
   e. **washing machine circuits** in 2 x 4sqmm single core wire + 1 x 4sqmm ECC, with dedicated 20 Amp SP MCB
   f. **clothes dryer circuits** in 2 x 4sqmm single core wire + 1 x 4sqmm ECC, with dedicated 30 Amp SP MCB
   g. **water heater circuits** in 2 x 6sqmm single core wire + 1 x 6sqmm ECC, with dedicated 30 Amp SP MCB
   h. **extract fan circuits** in 2 x 2.5sqmm single core + 1 x 2.5sqmm ECC, with dedicated 20 Amp SP MCB

i. **12000 BTU air conditioner circuits** in 2 x 6sqmm single core wire + 1 x 6sqmm ECC, with dedicated 20 Amp SP MCB
j. **18000 BTU air conditioner circuits** in 2 x 6sqmm single core wire + 1 x 6sqmm ECC, with dedicated 30 Amp SP MCB
k. **24000 BTU air conditioner circuits** in 2 x 6sqmm single core wire + 1 x 6sqmm ECC, with dedicated 30 Amp SP MCB
l. **refrigerator circuits** in 2 x 4sqmm single core wire + 1 x 4sqmm ECC, with dedicated 20 Amp SP MCB
m. **freezer circuits** in 2 x 4sqmm single core wire + 1 x 4sqmm ECC, with dedicated 20 Amp SP MCB
n. **micro-wave circuit** in 2 x 4sqmm single core wire + 1 x 4sqmm ECC, with dedicated 20 Amp SP MCB
o. **water distiller circuit** in 2 x 4sqmm single core wire + 1 x 4sqmm ECC, with dedicated 20 Amp SP MCB

VI. Main panel main breaker shall be rated 10kAIC

VII. All other main panel breakers shall be rated 6kAIC

VIII. All circuits to be correctly and appropriately labeled

IX. All wires and cables shall be ZAMEFA or equivalent products

X. Underground cables should be buried as follows:
a. 700mm below finished ground level in areas where vehicular traffic is not anticipated
b. 1000mm below finished ground level in areas where vehicular traffic is anticipated

F. INSPECT, VERIFY AND MAKE GOOD IF NECESSARY OF EXISTING SECURITY LIGHTING PANEL, WIRING AND ASSOCIATED INSTALLATIONS

G. REMOVAL, CLEANING AND REPLACEMENT IF NECESSARY OF EXISTING LIGHT FIXTURES, LIGHT SWITCHES, POWER OUTLETS AND ASSOCIATED INSTALLATIONS

I. **INDOORS**
a. All indoor light fixtures shall be removed, cleaned with an appropriate cleaning agent, re-wired as necessary, and fitted back if deemed to be operating correctly and safely. Any non-compliant fixture shall be replaced with one of equal or better quality, as approved by the Contracting Officer's Representative.
b. All indoor light switches shall be removed, cleaned with an appropriate cleaning agent, re-wired as necessary, and fitted back if deemed to be operating correctly and safely. Any non-compliant switch shall be replaced with one of equal or better quality, as approved by the Contracting Officer's Representative.
c. All electrical outlets shall be removed, cleaned with an appropriate cleaning agent, re-wired as necessary, and fitted back if deemed to be operating correctly and safely. Any non-compliant outlet shall be replaced with one of equal or better quality, as approved by the Contracting Officer's Representative.

II. **OUTDOORS**

a. All outdoor light fixtures shall be removed, cleaned with an appropriate cleaning agent, re-wired as necessary, and fitted back if deemed to be operating correctly and safely. Any non-compliant fixture shall be replaced with a new one of equal or better quality, as approved by the Contracting Officer's Representative. Outdoor light fixtures will be weather-resistant.
b. All outdoor light switches shall be removed, cleaned with an appropriate cleaning agent, re-wired as necessary, and fitted back if deemed to be operating correctly and safely. Any non-compliant switch shall be replaced with one of equal or better quality, as approved by the Contracting Officer's Representative.
c. All electrical outlets shall be removed, cleaned with an appropriate cleaning agent, re-wired as necessary, and fitted back if deemed to be operating correctly and safely. Any non-compliant outlet shall be replaced with one of equal or better quality, as approved by the Contracting Officer's Representative.

H. <u>PROJECT COMPLETION AND COMMISIONING</u>

I. Upon completion, the installation shall be tested to ascertain compliance to statutory and operational requirements.

II. A Certificate of Compliance shall be submitted together with final project documentation, as proof of compliance.

III. A complete set of "As Built" drawings shall be submitted at the end of the project. These drawings shall reflect the mounting locations of all fixture, outlets, circuit designations, etc. Routing of circuits shall be displayed where possible.

IV. Single line diagrams of the electrical reticulation shall be included amongst the set of drawings.

2. FOR THE EXECUTIONS OF THE SERVICES:

A. The CONTRACTOR must issue a liability statement of the services, assuming complete responsibility for having performed the work in accordance to the SOW, and clearly accepting entire responsibility of the work for a period of time of one year, starting from the acceptance date of the work by the CONTRACTING OFFICER. This statement must stipulate that any needed repairs to the work performed will be provided by the CONTRACTOR at his entire expense with no delays.

B. The CONTRACTOR will provide all the materials, equipment, tools, labor, permits and other necessary documents required to execute the work at his/her entire expense.

C. The USG shall not be liable or responsible in any manner for the contractor shipments and the sole responsibility for timely arrival of materials and supplies lies solely with the contractor

D. The CONTRACTOR is responsible to supply and enforce the use of individual protective equipment (PPE), required for the kind of work to be performed, in perfect condition and according to the present safety codes.

E. Any changes to the SOW proposed by the CONTRACTOR can only be implemented after a written approval by the CONTRACTING OFFICER. The CONTRACTING OFFICER has the right to deny changes to the SOW even if it has already been executed, if previous approval was not consented.

F. The CONTRACTOR must submit for acceptance a proposed "project working schedule", indicating the work to be performed and the implementation time frame. Once approved by the CONTRACTING OFFICER this "proposed work schedule" will become part of the contract documentation and must be followed by the CONTRACTOR.

G. It is the CONTRACTOR'S responsibility to maintain a clean and safe working environment. Trash containers must be kept at the work site and all trash and debris must be removed from the work site as deemed necessary by the CONTRACTING OFFICER.

H. The CONTRACTOR is responsible for enforcing the necessary safety procedures in order to reduce the risk of fire, and must not store flammable material or fuel at the work place. All electrical work (both temporary and permanent must comply with local electrical codes and safety requirements.

3. ACCESS OF THE WORKERS AND VEHICLES TO THE WORK SITE

A. The CONTRACTOR must provide, in writing, to the CONTRACTING OFFICER, a complete list of all his/her workers, and vehicles that will be used at the work site. This list should contain the name and employee number of all the workers, copy of the official working document, brand, model, color, and license plate of the vehicles, which should be sent by e-mail during business hours, within two business days (i.e. 48) hours prior to accessing the project grounds.

4. RESPONSIBLITIES AND INCUMBENCIES

A. The contracted services must be performed in accordance to the specifications presented by the CONTRACTING OFFICER.

B. The CONTRACTOR must inspect the work place and carefully examine the technical material presented by the CONTRACTING OFFICER, and cannot, in any circumstances, argue about lack of knowledge of the details and conditions required to perform the work, and it is his/her entire responsibility for the project performance.

C. Any and all costs and local authority's requirements related to this project, such as: licenses, fees, taxes, insurance, fines, rentals, etc, will be provided at the CONTRACTOR'S expense. This must be done with maximum effort on the part of the CONTRACTOR, so that the administrative, fiscal and technical aspects of the work, do not delay the project.

D. It is the CONTRACTOR'S responsibility to provide all materials, tools, manpower and equipment necessary for the correct execution of the contracted services within the established deadline, except when expressly indicated.

E. The CONTRACTOR will be fully responsible for the efficiency of the services, as expressed by the affective Codes, the Statement of Work and any other contractual or technical documents.

F. The CONTRACTOR must state on the proposal that he/she fully understands the project documents and the services to be performed.

I. In case of any discrepancies, the CONTRACTOR must provide immediate communication, in writing, to the CONTRACTING OFFICER, stating the facts, before the correspondent services are performed, indicating any discrepancies, errors or omissions that might be observed, including aspects regarding technical rules, regulations or laws, in order to prevent errors or discrepancies that might bring issues to the intended development of the work.

II. If the CONTRACTOR fails to disclose errors, omissions or discrepancies, the CONTRACTOR cannot refuse to fix them, at his/her own expenses, nor can the CONTRACTOR request to extend the contractual deadline without written permission from the CONTRACTING OFFICER.

III. It is mandatory that the CONTRACTOR must visit and inspect the work site where services will be performed, and cannot, under any circumstances argue about not being aware of the local conditions, and he/she will be solely responsible for the area during construction.

IV. For the services listed here, the CONTRACTOR will be responsible for supplying and safely storing all tools and equipment required to complete the project within the contracted period of time.

V. The CONTRACTOR will be responsible for all the damages that might occur on the property and/or any third parties hired by the CONTRACTOR for the execution of the contracted services.

VI. For the services executed and the equipment supplied, until the acceptance of the work, the CONTRACTOR will be the only responsible party for all working areas covered by the contract to include existing and temporary structures within or surrounding the work area of the actual works to be performed.

VII. The CONTRACTOR will be fully responsible for any areas adversely affected by the performance of the work, and he/she will be fully liable for maintaining the area and repairing any damages that were caused by the work.

VIII. The CONTRACTOR will have to enclose the entire working area to avoid the access of non-authorized people, and will be responsible for any material or physical damage at the work site.

5. SUBCONTRACTS

A. The CONTRACTOR cannot subcontract any services that have been established in this contract without the written permission of the CONTRACTING OFFICER.

6. GENERAL ORIENTATION AND FISCALIZATION

A. The CONTRACTING OFFICER will supervise the execution of the services and has the right to designate, if he/she wishes, a licensed engineer, as the CONTRACTING OFFICER REPRESENTATIVE, to inspect and follow the work.

7. WORK ORDERS

A. In the event of any unforeseen changes of services listed in the “STATEMENT OF WORK” or other project documents, the CONTRACTOR can only implement them after written authorization of the CONTRACTING OFFICER.

8. ADDINGS AND MODIFICATIONS

A. In the event of any unforeseen changes of services listed in the “STATEMENT OF WORK” or other project documents, the CONTRACTOR can only implement them after written authorization of the CONTRACTING OFFICER.

9. COMPLEMENTARY OBSERVATIONS

A. For implementing the services, the following must also be observed;

I. The local and U.S. construction codes and related laws.

II. The material specifications standards

10. THE PERIOD OF EXECUTION

A. For the conclusion of the services here listed it was foreseen a maximum period of 25 days, counting from the CONTRACTING OFFICER written "Notice to Proceed" letter.

B. The services will be performed from 07:00am to 5:00pm, Monday through Friday, unless a modified schedule is agreed upon by both parties. The payment will be made after the completion of services and the completion statement issued by the CONTRACTING OFFICER.

C. A signed copy of this SOW must be returned attached to the final proposal, indicating the acceptance of the SOW and the terms listed here.

D. The prices must be presented in U.S. dollars for foreign vendors and Zambian Kwacha for Zambian vendors, and will be considered nonadjustable for the period of execution of the services.

E. Liquidated Damages will be assessed from the completion date indicated in the Task Order extensions thereof to the date that substantial completion is actually achieved by the contractor.

11. PROPOSAL

A. The proposals, in sealed envelopes, should be delivered to the Embassy of the United States of America in Lusaka, located at Stand 694, Subdivision 100, Ibex Hill Road, addressed to the CONTRACTING OFFICER – Procurement Department, phone number 211357000.

B. The proposals must have a total cost of the services specified in item 1 of this document, including all the expenses related to the execution of the services.

12. VISITS

a. Visits by the bidders to the place of work are mandatory and must take place during the date and time scheduled. The CONTRACTING OFFICER'S REPRESENTATIVE responsible for the project must be contacted 72 hours prior to the bidders visit. Any questions should be presented in writing and should be delivered to the Embassy of the United States of America in Lusaka, located at Stand 694, Subdivision 100, Ibex Hill Road, addressed to the CONTRACTING OFFICER – Procurement Department, phone number 211357000.

b. Bill of Quantities Continuation sheet on page 38

C. PACKAGING AND MARKING

Mark materials delivered to the site as follows:

US Embassy Lusaka
Attn: 55 KABULONGA ROAD
Subdivision 694/Stand 100
P.O. Box 31617
Lusaka

D. INSPECTION AND ACCEPTANCE

The COR, or his/her authorized representatives, will inspect from time to time the services being performed and

the supplies furnished to determine whether work is being performed in a satisfactory manner, and that all supplies are of acceptable quality and standards.

The Contractor shall be responsible for any countermeasures or corrective action, within the scope of this contract, which may be required by the Contracting Officer as a result of such inspection.

D.1 *Substantial Completion*

(a) "*Substantial Completion*" means the stage in the progress of the work as determined and certified by the Contracting Officer in writing to the Contractor, on which the work (or a portion designated by the Government) is sufficiently complete and satisfactory. Substantial completion means that the property may be occupied or used for the purpose for which it is intended, and only minor items such as touch-up, adjustments, and minor replacements or installations remain to be completed or corrected which:

(1) do not interfere with the intended occupancy or utilization of the work, and
(2) can be completed or corrected within the time period required for final completion.

(b) The "date of substantial completion" means the date determined by the Contracting Officer or authorized Government representative as of which substantial completion of the work has been achieved.

Use and Possession upon Substantial Completion - The Government shall have the right to take possession of and use the work upon substantial completion. Upon notice by the Contractor that the work is substantially complete (a Request for Substantial Completion) and an inspection by the Contracting Officer or an authorized Government representative (including any required tests), the Contracting Officer shall furnish the Contractor a Certificate of Substantial Completion. The certificate will be accompanied by a Schedule of Defects listing items of work remaining to be performed, completed or corrected before final completion and acceptance. Failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The Government's possession or use upon substantial completion shall not be deemed an acceptance of any work under the contract.

D.2 *Final Completion and Acceptance*

D.2.1 "*Final completion and acceptance*" means the stage in the progress of the work as determined by the Contracting Officer and confirmed in writing to the Contractor, at which all work required under the contract has been completed in a satisfactory manner, subject to the discovery of defects after final completion, and except for items specifically excluded in the notice of final acceptance.

D.2.2 The "*date of final completion and acceptance*" means the date determined by the Contracting Officer when final completion of the work has been achieved, as indicated by written notice to the Contractor.

D.2.3 *Final Inspection and Tests* - The Contractor shall give the Contracting Officer at least five (5) days advance written notice of the date when the work will be fully completed and ready for final inspection and tests. Final inspection and tests will be started not later than the date specified in the notice unless the Contracting Officer determines that the work is not ready for final inspection and so informs the Contractor.

D.2.4 *Final Acceptance* - If the Contracting Officer is satisfied that the work under the contract is complete (with the exception of continuing obligations), the Contracting Officer shall issue to the Contractor a notice of final acceptance and make final payment upon:

- Satisfactory completion of all required tests,
- a final inspection that all items by the Contracting Officer listed in the Schedule of Defects have been completed or corrected and that the work is finally complete (subject to the discovery of defects after final completion), and
- submittal by the Contractor of all documents and other items required upon completion of the work, including a final request for payment (Request for Final Acceptance)

E - DELIVERIES OR PERFORMANCE

52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to:

(a) commence work under this contract within 7 calendar days after the date the Contractor receives the notice to proceed,
(b) prosecute the work diligently, and,
(c) complete the entire work ready for use not later than **25 calendar days** after the date the Contractor receives the notice to proceed**.**

The time stated for completion shall include final cleanup of the premises and completion of punch list items.

52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEP 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of $500.00 for each calendar day of delay until the work is completed or accepted.

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Default clause.

CONTRACTOR'S SUBMISSION OF CONSTRUCTION SCHEDULES

(a) The time for submission of the schedules referenced in FAR 52.236-15, "Schedules for Construction Contracts", paragraph (a), is hereby modified to reflect the due date for submission as 3 calendar days after receipt of an executed contract".

(b) These schedules shall include the time by which shop drawings, product data, samples and other submittals required by the contract will be submitted for approval.

(c) The Contractor shall revise such schedules (1) to account for the actual progress of the work, (2) to reflect approved adjustments in the performance schedule, and (3) as required by the Contracting Officer to achieve coordination with work by the Government and any separate contractors used by the Government. The Contractor shall submit a schedule, which sequences work so as to minimize disruption at the job site.

(d) All deliverables shall be in the English language and any system of dimensions (English or metric) shown shall be consistent with that used in the contract. No extension of time shall be allowed due to delay by the Government in approving such deliverables if the Contractor has failed to act promptly and responsively in submitting its deliverables. The contractor shall identify each deliverable as required by the

contract.

(e) Acceptance of Schedule: When the Government has accepted any time schedule; it shall be binding upon the Contractor. The completion date is fixed and may be extended only by a written contract modification signed by the Contracting Officer. Acceptance or approval of any schedule or revision thereof by the Government shall not:

(1) Extend the completion date or obligate the Government to do so,
(2) Constitute acceptance or approval of any delay, or
(3) Excuse the Contractor from or relieve the Contractor of its obligation to maintain the progress of the work and achieve final completion by the established completion date.

Notice Of Delay - If the Contractor receives a notice of any change in the work, or if any other conditions arise which are likely to cause or are actually causing delays which the Contractor believes may result in late completion of the project, the Contractor shall notify the Contracting Officer. The Contractor's notice shall state the effect, if any, of such change or other conditions upon the approved schedule, and shall state in what respects, if any, the relevant schedule or the completion date should be revised. The Contractor shall give such notice promptly, not more than ten (10) days after the first event giving rise to the delay or prospective delay. Only the Contracting Officer may make revisions to the approved time schedule.

Notice to Proceed

(a) After receiving and accepting any bonds or evidence of insurance, the Contracting Officer will provide the Contractor a Notice to Proceed. The Contractor must then prosecute the work, commencing and completing performance not later than the time period established in the contract.

(b) It is possible that the Contracting Officer may elect to issue the Notice to Proceed before receipt and acceptance of any bonds or evidence of insurance. Issuance of a Notice to Proceed by the Government before receipt of the required bonds or insurance certificates or policies shall not be a waiver of the requirement to furnish these documents.

Working Hours - All work shall be performed Monday through Sunday between 07:00 and 18:00hours. Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative (COR). The Contractor shall give 24 hours in advance to COR who will consider any deviation from the hours identified above. Changes in work hours, initiated by the Contractor, will not be a cause for a price increase.

Preconstruction Conference

A preconstruction conference will be held 5 days after contract award in the Embassy at the New Embassy Compound in Ibex to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that effect construction progress. See FAR 52.236-26, Preconstruction Conference.

Deliverables - The following items shall be delivered under this contract:

Description	Quantity	Delivery Date	Deliver to
Section G. Securities/Insurance	1	10 days after award	CO
Section E. Construction Schedule	1	3 days after award	COR
Section E Preconstruction Conference	1	3 days after award	COR

Section G. Personnel Biographies	1	5 days after award	COR
Section F. Payment Request	1	Upon completion of Pre-determined milestones	COR
Section D. Request for Final Acceptance	1	Upon completion of work	COR

F ADMINISTRATIVE DATA

652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

(a) The Contracting Officer may designate in writing one or more Government employees, by name or position title, to take action for the Contracting Officer under this contract. Each designee shall be identified as a Contracting Officer's Representative (COR). Such designation(s) shall specify the scope and limitations of the authority so delegated; provided, that the designee shall not change the terms or conditions of the contract, unless the COR is a warranted Contracting Officer and this authority is delegated in the designation.

(b) The COR for this contract is Project Manager, Kangwa Makumba

Payment: The Contractor's attention is directed to Section H, 52.232-5, "Payments Under Fixed-Price Construction Contracts". The following elaborates on the information contained in that clause.

Requests for payment may be made:

1. For delivery of materials to the site, if any.
2. Every thirty (30) days, beginning after work commences. Payment requests shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit.

After receipt of the Contractor's request for payment, and on the basis of an inspection of the work, the Contracting Officer shall make a determination as to the amount, which is then due. If the Contracting Officer does not approve payment of the full amount applied for, less the retainage allowed by in 52.232-5, the Contracting Officer shall advise the Contractor as to the reasons.

Under the authority of 52.232-27(a), the 14 day period identified in FAR 52.232-27(a) (1) (i) (A) is hereby changed to 30 days.

US Embassy Lusaka
Att: Financial Management Office (FMO)
Subdivision 694/Stand 100
P.O. Box 31617
Lusaka.

G. SPECIAL REQUIREMENTS

G.1.0 Performance/Payment Protection - The Contractor shall furnish some us with a Performance Guarantee as described in 52.228-13 in the amount of 50% of the contract price.

G.1.1 The Contractor shall provide the information required by the paragraph above within ten (10) calendar days after award. Failure to timely submit the required security may result in rescinding or termination of the contract by the Government. If the contract is terminated, the contractor will be liable for those costs as described in FAR 52.249-10, Default (Fixed-Price Construction), which is included in this purchase order.

G.1.2 The bonds or alternate performance security shall guarantee the Contractor's execution and completion of the work within the contract time. This security shall also guarantee the correction of any defects after completion, the payment of all wages and other amounts payable by the Contractor under its subcontracts or for labor and materials, and the satisfaction or removal of any liens or encumbrances placed on the work.

G.1.3 The required securities shall remain in effect in the full amount required until final acceptance of the project by the Government. Upon final acceptance, the penal sum of the performance security shall be reduced to 10% of the contract price. The security shall remain in effect for one year after the date of final completion and acceptance, and the Contractor shall pay any premium required for the entire period of coverage.

Waived pursuant to FAR 28.102-1 (b) (1).

G.2.0 Insurance - The Contractor is required by FAR 52.228-5, "Insurance - Work on a Government Installation" to provide whatever insurance is legally necessary. The Contractor shall at its own expense provide and maintain during the entire performance period the following insurance amounts:

G.2.1 General Liability (includes premises/operations, collapse hazard, products, completed operations, contractual, independent contractors, broad form property damage, personal injury)

1. Bodily Injury on or off the site stated in US Dollars:

Per Occurrence	$1,000.00
Cumulative	$5,000.00

2. Property Damage on or off the site in US Dollars:

Per Occurrence	$10,000.00
Cumulative	$50,000.00

G.2.2 The foregoing types and amounts of insurance are the minimums required. The Contractor shall obtain any other types of insurance required by local law or that are ordinarily or customarily obtained in the location of the work. The limit of such insurance shall be as provided by law or sufficient to meet normal and customary claims.

G.2.3 The Contractor agrees that the Government shall not be responsible for personal injuries or for damages to any property of the Contractor, its officers, agents, servants, and employees, or any other person, arising from and incident to the Contractor's performance of this contract. The Contractor shall hold harmless and indemnify the Government from any and all claims arising there from, except in the instance of gross negligence on the part of the Government.

G.2.4 The Contractor shall obtain adequate insurance for damage to, or theft of, materials and equipment in insurance coverage for loose transit to the site or in storage on or off the site.

G.2.5 The general liability policy required of the Contractor shall name "the United States of America, acting by and through the Department of State", as an additional insured with respect to operations performed under this contract.

G.3.0 Document Descriptions

G.3.1 Supplemental Documents: The Contracting Officer shall furnish from time to time such detailed drawings and other information as is considered necessary, in the opinion of the Contracting Officer, to interpret, clarify, supplement, or correct inconsistencies, errors or omissions in the Contract documents, or to describe minor changes in the work not involving an increase in the contract price or extension of the contract time. The Contractor shall comply with the requirements of the supplemental documents, and unless prompt objection is made by the Contractor within 7 days, their issuance shall not provide for any claim for an increase in the Contract price or an extension of contract time.

G.3.1.1 Record Documents. The Contractor shall maintain at the project site:

(1) a current marked set of Contract drawings and specifications indicating all interpretations and clarification, contract modifications, change orders, or any other departure from the contract requirements approved by the Contracting Officer; and,
(2) a complete set of record shop drawings, product data, samples and other submittals as approved by the Contracting Officer.

G.3.1.2 "As-Built" Documents: After final completion of the work, but before final acceptance thereof, the Contractor shall provide:

(1) a complete set of "as-built" drawings, based upon the record set of drawings, marked to show the details of construction as actually accomplished; and,
(2) record shop drawings and other submittals, in the number and form as required by the specifications.

G.4.0 Laws and Regulations - The Contractor shall, without additional expense to the Government, be responsible for complying with all laws, codes, ordinances, and regulations applicable to the performance of the work, including those of the host country, and with the lawful orders of any governmental authority having jurisdiction. Host country authorities may not enter the construction site without the permission of the Contracting Officer. Unless otherwise directed by the Contracting Officer, the Contractor shall comply with the more stringent of the requirements of such laws, regulations and orders and of the contract. In the event of a conflict between the contract and such laws, regulations and orders, the Contractor shall promptly advise the Contracting Officer of the conflict and of the Contractor's proposed course of action for resolution by the Contracting Officer.

G.4.1 The Contractor shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety, and similar matters, to the extent that such compliance is not inconsistent with the requirements of this contract.

G.4.2 The Contractor shall give written assurance to the Contracting Officer that all subcontractors and others performing work on or for the project have obtained all requisite licenses and permits.

G.4.3 The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer of compliance with this clause.

G.5.0 Construction Personnel - The Contractor shall maintain discipline at the site and at all times take all reasonable precautions to prevent any unlawful, riotous, or disorderly conduct by or among those employed at the site. The contractor shall ensure the preservation of peace and protection of persons and property in the neighborhood of the project against such action. The Contracting Officer may require, in writing that the Contractor remove from the work any employee that the Contracting Officer deems incompetent, careless,

insubordinate or otherwise objectionable, or whose continued employment on the project is deemed by the Contracting Officer to be contrary to the Government's interests.

G.5.1 If the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the Contractor shall immediately give notice, including all relevant information, to the Contracting Officer.

G.5.2 After award, the Contractor has five (5) calendar days to submit to the Contracting Officer a list of workers and supervisors assigned to this project for the Government to conduct all necessary security checks. For each individual the list shall include:

Full Name
Place and Date of Birth
Current Address
National Registration Card Number
Vehicle make, model, color and license plate number

Failure to provide any of the above information may be considered grounds for rejection and/or resubmittal of the application.

G.5.3 The Contractor shall provide an English speaking supervisor on site at all times. This position is considered as key personnel under this purchase order.

G.6.0 Materials and Equipment - All materials and equipment incorporated into the work shall be new and for the purpose intended, unless otherwise specified. All workmanship shall be of good quality and performed in a skillful manner that will withstand inspection by the Contracting Officer.

G.7.0 Special Warranties

G.7.1 Any special warranties that may be required under the contract shall be subject to the stipulations set forth in 52.246-21, "Warranty of Construction", as long as they are not in conflict.

G.7.2 The Contractor shall obtain and furnish to the Government all information required to make any subcontractor's, manufacturer's, or supplier's guarantee or warranty legally binding and effective. The contractor shall submit both the information and the guarantee or warranty to the Government in sufficient time to permit the Government to meet any time limit specified in the guarantee or warranty, but not later than completion and acceptance of all work under this contract.

G.8.0 Equitable Adjustments

Any circumstance for which the contract provides an equitable adjustment that causes a change within the meaning of paragraph (a) of the "Changes" clause shall be treated as a change under that clause; provided, that the Contractor gives the Contracting Officer prompt written notice (within 10 days) stating:

(a) the date, circumstances, and applicable contract clause authorizing an equitable adjustment and

(b) that the Contractor regards the event as a changed condition for which an equitable adjustment is allowed under the contract

The Contractor shall provide written notice of a differing site condition within 5 calendar days of occurrence following FAR 52.236-2, Differing Site Conditions.

G.9.0 Zoning Approvals and Permits

The Government shall be responsible for:

- obtaining proper zoning or other land use control approval for the project
- obtaining the approval of the Contracting Drawings and Specifications
- paying fees due for the foregoing; and,
- for obtaining and paying for the initial building permits.

H. CLAUSES

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

http://acquisition.gov/far/index.html or, http://farsite.hill.af.mil/search.htm

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at http://www.statebuy.state.gov to see the links to the FAR. You may also use an Internet "search engine" (e.g., Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

Clause	Title and Date
52.204-9	PERSONAL IDENTIFICATION VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2006)
52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (SEP 2006)
52.213-4	Terms and Conditions-Simplified Acquisitions (Other than Commercial Items) (JUN 2010)
52.222-1	Notice to the Government of Labor Disputes (FEB 1997)
52.222-19	Child Labor – Cooperation with Authorities and Remedies (AUG 2009)
52.222-50	COMBATING TRAFFICKING IN PERSONS (FEB 2009)
52.225-10	Notice of Buy American Act/Balance of Payments Program—Construction Materials (FEB 2000)
52.225-13	Restrictions on Certain Foreign Purchases (JUN 2008)
52.225-14	Inconsistency Between English Version and Translation of Contract (AUG 1989)
52.228-4	Workers' Compensation and War-Hazard Insurance Overseas (APR 1984)

52.228-5	Insurance - Work on a Government Installation (JAN 1997)
52.228-11	Pledges of Assets (SEP 2009)
52.228-13	Alternative Payment Protection (JUL 2000)
52.229-6	Taxes - Foreign Fixed-Price Contracts (JUN 2003)
52.232-5	Payments under Fixed-Price Construction Contracts (SEP 2002)
52.232-8	Discounts for Prompt Payment (FEB 2002)
52.232-11	Extras (APR 1984)
52.232-18	Availability of Funds (APR 1984)
52.232-24	Prohibition of Assignment of Claims (JAN 1986)
52.232-27	Prompt Payment for Construction Contracts (OCT 2008)
52.232-34	Payment by Electronic Funds Transfer – Other than Central Contractor Registration (MAY 1999)
52.233-1	Disputes (JUL 2002) Alternate I (DEC 1991)
52.233-3	Protest after Award (AUG 1996)
52.236-2	Differing Site Conditions (APR 1984)
52.236-3	Site Investigation and Conditions Affecting the Work (APR 1984)
52.236-5	Material and Workmanship (APR 1984)
52.236-6	Superintendence by the Contractor (APR 1984)
52.236-7	Permits and Responsibilities (NOV 1991)
52.236-8	Other Contracts (APR 1984)
52.236-9	Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (APR 1984)
52.236-10	Operations and Storage Areas (APR 1984)
52.236-11	Use and Possession Prior to Completion (APR 1984)
52.236-12	Cleaning Up (APR 1984)
52.236-14	Availability and Use of Utility Services (APR 1984)
52.236-15	Schedules for Construction Contracts (APR 1984)
52.236-21	Specifications and Drawings for Construction (FEB 1997)
52.236-26	Preconstruction Conference (FEB 1995)
52.242-14	Suspension of Work (APR 1984)
52.243-4	Changes (JUNE 2007)
52.243-5	Changes and Changed Conditions (APR 1984)
52.244-6	Subcontracts for Commercial Items (AUG 2009)
52.245-9	Use & Charges (JUNE 2007)
52.246-12	Inspection of Construction (AUG 1996)
52.246-21	Warranty of Construction (APR 1984)
52.249-2	Termination for Convenience of the Government (Fixed-Price) (MAY 2004) Alternate I (APR 1984)
52.249-14	Excusable Delay (APR 1984)
52.249-10	Default (Fixed-Price Construction) (APR 1984)

The following clauses are set forth in full text:

DEPARTMENT OF STATE ACQUISITION REGULATION (DOSAR) CLAUSES

652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD ISSUANCE PROCEDURES (AUG 2007)

(a) The Contractor shall comply with the Department of State (DOS) Personal Identification Card Issuance Procedures for all employees performing under this contract who require frequent and continuing access to DOS facilities, or information systems. The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to DOS facilities, or information systems.

(b) The DOS Personal Identification Card Issuance Procedures may be accessed at

http://www.state.gov/m/ds/rls/rpt/c21664.htm

(End of clause)

CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

1) Use an email signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");

2) Clearly identify themselves and their contractor affiliation in meetings;

3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and

4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

DOSAR 652.236-70 ACCIDENT PREVENTION (APR 2004)

(a) *General*. The contractor shall provide and maintain work environments and procedures which will safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to contractor operations and activities; avoid interruptions of Government operations and delays in project completion dates; and, control costs in the performance of this contract. For these purposes, the contractor shall:

(1) Provide appropriate safety barricades, signs and signal lights;

(2) Comply with the standards issued by any local government authority having jurisdiction over occupational health and safety issues; and,

(3) Ensure that any additional measures the contracting officer determines to be reasonably necessary for this purpose are taken.

(4) For overseas construction projects, the contracting officer shall specify in writing additional

requirements regarding safety if the work involves:

(i) Scaffolding;

(ii) Work at heights above two (2) meters;

(iii) Trenching or other excavation greater than one (1) meter in depth;

(iv) Earth moving equipment;

(v) Temporary wiring, use of portable electric tools, or other recognized electrical hazards. Temporary wiring and portable electric tools require the use of a ground fault circuit interrupter (GFCI) in the affected circuits; other electrical hazards may also require the use of a GFCI;

(vi) Work in confined spaces (limited exits, potential for oxygen less that 19.5 percent or combustible atmosphere, potential for solid or liquid engulfment, or other hazards considered to be immediately dangerous to life or health such as water tanks, transformer vaults, sewers, cisterns, etc.);

(vii) Hazardous materials – a material with a physical or health hazard including but not limited to, flammable, explosive, corrosive, toxic, reactive or unstable, or any operations which creates any kind of contamination inside an occupied building such as dust from demolition activities, paints, solvents, etc.; or

(viii) Hazardous noise levels.

(b) *Records*. The contractor shall maintain an accurate record of exposure data on all accidents incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to or theft of property, materials, supplies, or equipment. The contractor shall report this data in the manner prescribed by the contracting officer.

(c) *Subcontracts*. The contractor shall be responsible for its subcontractors' compliance with this clause.

(d) *Written program.* Before commencing work, the contractor shall:

(1) Submit a written plan to the contracting officer for implementing this clause. The plan shall include specific management or technical procedures for effectively controlling hazards associated with the project; and,

(2) Meet with the contracting officer to discuss and develop a mutual understanding relative to administration of the overall safety program.

(e) *Notification*. The contracting officer shall notify the contractor of any non-compliance with these requirements and the corrective actions required. This notice, when delivered to the contractor or the contractor's representative on site, shall be deemed sufficient notice of the non-compliance and corrective action required. After receiving the notice, the contractor shall immediately take corrective action. If the contractor fails or refuses to promptly take corrective action, the contracting officer may issue an order suspending all or part of the work until satisfactory corrective action has been taken. The contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any suspension of work order issued under this clause.

(End of clause)

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The contractor warrants the following:

(1) That is has obtained authorization to operate and do business in the country or countries in which this contract will be performed;
(2) That is has obtained all necessary licenses and permits required to perform this contract; and,
(3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

(b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

652.243-70 NOTICES (AUG 1999)

Any notice or request relating to this contract given by either party to the other shall be in writing. Said notice or request shall be mailed or delivered by hand to the other party at the address provided in the schedule of the contract. All modifications to the contract must be made in writing by the contracting officer.

652.229-71 PERSONAL PROPERTY DISPOSITION AT POSTS ABROAD (AUG 1999)

Regulations at 22 CFR Part 136 require that U.S. Government employees and their families do not profit personally from sales or other transactions with persons who are not themselves entitled to exemption from import restrictions, duties, or taxes. Should the contractor experience importation or tax privileges in a foreign country because of its contractual relationship to the United States Government, the contractor shall observe the requirements of 22 CFR
Part 136 and all policies, rules, and procedures issued by the chief of mission in that foreign country.

I. LIST OF ATTACHMENTS

ATTACHMENT NO.	DESCRIPTION OF ATTACHMENT	NO. PAGES
Attachment 1	Performance Bond	2
Attachment 2	Payment Bond	2
Attachment 3	Breakdown of Proposal Price by Divisions of Specifications	1
Attachment 4	Statement of Work	3

ATTACHMENT NO. DESCRIPTION OF ATTACHMENT NO.PAGES

J. QUOTATION INFORMATION

A. QUALIFICATIONS OF OFFERORS

Offerors/quoters must be technically qualified and financially responsible to perform the work described in this solicitation. At a minimum, each Offeror/Quoter must meet the following requirements:

(1) Be able to understand written and spoken English;
(2) Have an established business with a permanent address and telephone listing;
(3) Be able to demonstrate prior construction experience with suitable references;
(4) Have the necessary personnel, equipment and financial resources available to perform the work;
(5) Have all licenses and permits required by local law;
(6) Meet all local insurance requirements;
(7) Have the ability to obtain or to post adequate performance security, such as bonds, irrevocable letters of credit or guarantees issued by a reputable financial institution;
(8) Have no adverse criminal record; and
(9) Have no political or business affiliation which could be considered contrary to the interests of the United States.

B. SUBMISSION OF QUOTATIONS

This solicitation is for the performance of the construction services described in SCOPE OF WORK, and the Attachments which are a part of this request for quotation.

Each quotation must consist of the following:

Volume	Title	No. of Copies
I	a) Executed Standard Form 1442 b) A completed Attachment 3 "Breakdown Of Proposal Price by Divisions of Specifications c) Complete solicitation document - insert contract amount in Section A d) Valid certificate of registration to regulatory bodies e.g. Engineers Regulation Board, National Council for Construction etc. e) Worker's Compensation Certificate e) Zambia Revenue Authority Tax Identification Number certificate	1
II	Business Management/Technical Proposal.	1

Submit the complete quotation to the address indicated on Standard Form 1442, if mailed, or the address set forth below, if hand delivered.

US Embassy Lusaka
Attn: Contracting Officer
Subdivision 694/Stand 100
P.O. Box 31617
Lusaka

The Offeror/Quoter shall identify and explain/justify any deviations, exceptions, or conditional assumptions taken with respect to any of the instructions or requirements of this request for quotation in the appropriate volume of the offer.

Volume II: Performance schedule and Business Management/Technical Proposal.

(a) Present the performance schedule in the form of a **"bar chart"** indicating when the various portions of the work will be commenced and completed within the required schedule. This bar chart shall be in sufficient detail to clearly show each segregable portion of work and its planned commencement and completion date.

(b) The Business Management/Technical Proposal shall be in two parts, including the following information:

Proposed Work Information - Provide the following:

(1) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;

(2) The name and address of the Offeror's field superintendent for this project;

(3) A list of the names, addresses, and telephone numbers of subcontractors and principal materials suppliers to be used on the project, indicating what portions of the work will be performed by them; and,

Experience and Past Performance - List all contracts and subcontracts your company has held over the past three years for the same or similar work. Provide the following information for each contract and subcontract:

(1) Customer's name, address, and telephone numbers of customer's lead contract and technical personnel;

(2) Contract number and type;

(3) Date of the contract award place(s) of performance, and completion dates; Contract dollar value;

(4) Brief description of the work, including responsibilities; and

(5) Any litigation currently in process or occurring within last 5 years.

C. 52.236-27 SITE VISIT (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) A site visit as was scheduled for **Monday 14th June, 2014, 15:00hrs.**

(c) Participants to meet at **55 Kabulonga Road.**

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be: **To be determined**

LATE QUOTATIONS. Late quotations shall be handled in accordance with FAR

F. 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates the following provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at:

http://acquisition.gov/far/index.html/ or, http://farsite.hill.af.mil/search.htm

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use of an Internet "search engine" (such as, Yahoo, Infoseek, Alta Vista, etc.) is suggested to obtain the latest location of the most current FAR.
http://www.statebuy.state.gov

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)
52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004), which is incorporated by reference into this solicitation.

K. EVALUATION CRITERIA

Award will be made to the lowest priced, acceptable, responsible quoter. The Government reserves the right to reject quotations that are unreasonably low or high in price.

The Government will determine acceptability by assessing the offeror's compliance with the terms of the RFQ. The Government will determine responsibility by analyzing whether the apparent successful quoter complies with the requirements of FAR 9.1, including:

- ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
- satisfactory record of integrity and business ethics;
- necessary organization, experience, and skills or the ability to obtain them;- proof of previous works of similar nature and extent.
- necessary equipment and facilities or the ability to obtain them; and
- otherwise qualified and eligible to receive an award under applicable laws and regulations.

N.B. Failure to provide any requested information in this solicitation may result in your bid being disqualified.

SECTION L - REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS OR QUOTERS

L.1 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

"Common parent", as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)", as used in this provision, means the number required by the IRS to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d)through (f) of this provision in order to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325 (d), reporting requirements of 26 USC 6041, 6041A, and 6050M and implementing regulations issued by the Internal Revenue Service (IRS). If the resulting contract is subject to the reporting requirements described in FAR 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (3l USC 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

TIN: _____
[ ] TIN has been applied for.
[ ] TIN is not required because:
[ ] Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;
[ ] Offeror is an agency or instrumentality of a foreign government;
[ ] Offeror is an agency or instrumentaltiy of the Federal Government.

(e) Type of Organization.

[ ] Sole Proprietorship;
[ ] Partnership:
[ ] Corporate Entity (not tax exempt);
[ ] Corporate Entity (tax emempt);
[ ] Government entity (Federal, State, or local);
[ ] Foreign government;
[ ] International organization per 26 CFR 1.6049-4;
[ ] Other _____

(f) Common Parent.

[ ] Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause.

[ ] Name and TIN of common parent;

Name _____

TIN _____

(End of provision)

L.2 52.204-6 CONTRACTOR IDENTIFICATION NUMBER -DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (OCT 2003)

(a) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation "DUNS" or "DUNS+4" followed by the DUNS number or DUNS+4 that identifies the offeror's name and address exactly as stated in the offer. The DUNS number if a nine-digit number assigned by Dun and Bradstreet Information Services. The DUNS+4 is the DUNS number plus a 4-character suffix that may be assigned at the discretion of the offeror to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11) for the same parent company.

If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one. An offeror may obtain a DUNS number-

- If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com; or
- If located outside the United States, by contacting the local Dun and Bradstreet office.

The offeror must provide the following information:

- Company legal business name.
- Tradestyle, doing business, or other name by which your entity is commonly recognized.
- Company physical street address, city, state and Zip Code.
- Company mailing address, city, state and Zip Code (if separate from physical)
- Company telephone number
- Date the company was started.
- Number of employees at your location.
- Chief executive officer/key manager.
- Line of business (industry)
- Company Headquarters name and address (reporting relationship within your entity).

L.3 52.204-8 Annual Representations and Certifications. (FEB 2009)

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is 331222

(2) The small business size standard is $28.5 million in annual revenue.

(3) The small business size standard for a concern which submits an offer in its own name, other than on

a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b) (1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

[ ] (i) Paragraph (d) applies.
[ ] (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c) (1) The following representations or certifications in ORCA are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination Reserved
(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed $150,000.
(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the clause at 52.204-7, Central Contractor Registration
(iv) 52.204-5, Women-Owned Business (Other Than Small Business). Reserved
(v) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.
(vi) 52.214-14, Place of Performance—Sealed Bidding Reserved.
(vii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.
(viii) – (xii). Reserved
(xiii) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA–designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.
(xiv) 52.223-4, Recovered Material Certification This provision applies to solicitations that are for, or specify the use of, EPA–designated items.
(xv) 52.225-2, Buy American Act Certificate. This provision applies to solicitations containing the clause at 52.225-1.
(xvi) 52.225-4, Buy American Act—Free Trade Agreements—Israeli Trade Act Certificate. (Basic, Alternate I, and Alternate II) This provision applies to solicitations containing the clause at 52.225-3.

(A) If the acquisition value is less than $25,000, the basic provision applies.
(B) If the acquisition value is $25,000 or more but is less than $50,000, the provision with its Alternate I applies.
(C) If the acquisition value is $50,000 or more but is less than $67,826, the provision with its Alternate II applies.

(xvii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xviii) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan—Certification.

(xix) Reserved

(d) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website at http://orca.bpn.gov. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [***offeror to insert changes, identifying change by clause number, title, date***]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR CLAUSE #	TITLE	DATE	CHANGE
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

(End of Clause)

L.4. 52.225-18 PLACE OF MANUFACTURE (SEPT 2006)

(a) *Definitions*. As used in this clause—

" Manufactured end product" means any end product in Federal Supply Classes (FSC) 1000-9999, except—

(1) FSC 5510, Lumber and Related Basic Wood Materials;
(2) Federal Supply Group (FSG) 87, Agricultural Supplies;
(3) FSG 88, Live Animals;
(4) FSG 89, Food and Related Consumables;
(5) FSC 9410, Crude Grades of Plant Materials;
(6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
(7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
(8) FSC 9610, Ores;
(9) FSC 9620, Minerals, Natural and Synthetic; and
(10) FSC 9630, Additive Metal Materials.

"Place of manufacture" means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

(1) [ ] In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) [ ] Outside the United States.

L.5 AUTHORIZED CONTRACT ADMINISTRATOR

If the offeror does not fill-in the blanks below, the official who signed the offer will be deemed to be the offeror's representative for Contract Administration, which includes all matters pertaining to payments.

Name: _____

Address: _____

_____

Telephone Number: _____

L.6 652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 2006)

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

Category	**Yes/No**	**Number**
(1) United States citizens or residents		
(2) Individuals hired in the United States, regardless of citizenship		
(3) Local nationals or third country nationals where contract performance takes place in a country where there are no *local workers' compensation laws*		*Local nationals:* _____ *Third Country Nationals:* _____
(4) Local nationals or third country nationals where contract performance takes place in a country where there are *local workers' compensation laws*		*Local nationals:* _____ *Third Country Nationals:* _____

(b) The contracting officer has determined that for performance in the country of Zambia

☒ Workers' compensation laws exist that will cover local nationals and third country nationals.

☐ Workers' compensation laws do not exist that will cover local nationals and third country nationals.

(c) If the bidder/offeror has indicated "yes" in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.

(d) If the bidder/offeror has indicated "yes" in blocks (a)(1), (2), or (3) of this provision, the bidder/offeror shall compute Defense Base Act insurance costs covering those employees pursuant to the terms of the contract between the Department of State and the Department's Defense Base Act insurance carrier at the rates specified in DOSAR 652.228-74, Defense Base Act Insurance Rates – Limitation. If DOSAR provision 652.228-74 is not included in this solicitation, the bidder/offeror shall notify the contracting officer before the closing date so that the solicitation can be amended accordingly.

L.7. 52.225-25 Prohibition on Engaging in Sanctioned Activities Relating to Iran – Certification (SEP 2010)

(a) *Definition*.

"Person"—

(1) Means—

(i) A natural person;

(ii) A corporation, business association, partnership, society, trust, financial institution, insurer, underwriter, guarantor, and any other business organization, any other nongovernmental entity, organization, or group, and any governmental entity operating as a business enterprise; and

(iii) Any successor to any entity described in paragraph (1)(ii) of this definiation; and

(2) Does not include a government or governmental entity that is not operating as a business enterprise.

(b) *Certification*. Except as provided in paragraph (c) of this provision or if a waiver has been granted in accordance with FAR 25.703-2(d), by submission of its offer, the offeror certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act of 1996. These sanctioned activities are in the areas of development of the petroleum resources of Iran, production of refined petroleum products in Iran, sale and provision of refined petroleum products to Iran, and contributing to Iran's ability to acquire or develop certain weapons.

(c) *Exception for trade agreements*. The certification requirement of paragraph (b) of this provision does not apply if—

(1) This solicitation includes a trade agreements certification (*e.g.*, 52.225-4, 52.225-11 or comparable agency provision); and

(2) The offeror has certified that all the offered products to be supplied are designated country end products or designated country construction material.

(End of provision)

ATTACHMENT #1
Standard Form 25, "Performance and Guaranty Bond"

PERFORMANCE BOND ***(See instructions on reverse)***	DATE BOND EXECUTED *(Must be same or later than date of contract)*	OMB No.: **9000-0045** Expires:

Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat (MVR), Federal Acquisition Policy Division, GSA, Washington, DC 20405

PRINCIPAL *(Legal name and business address)*	Type of Organization ("X" One)	
	Individual	Partnership
	Joint Venture	Corporation
	STATE OF INCORPORATION	
SURETY(IES) (*Name(s) and business address(es)*	PENAL SUM OF BOND	
	Million(s) / Thousands	Hundreds / Cents
	Contract Date	Contract No.

OBLIGATION
We, the Principal and Surety (ies), are firmly bound to the Unites States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action against any or all of us. for all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.
CONDITIONS
The Principal has entered into the contract identified above.
THEREFORE
The above obligation is void if the Principal-
(a)(1) Performs and fulfills all the undertaking, covenants, terms, conditions, and agreements of the contract during the original term of the contract and any extensions thereof that are granted by the Government, with or without notice of the Surety(ies) and during the life of any guaranty required under the contract, and (2) performs and fulfills all the undertakings, covenants, terms conditions, and agreements of any and all duly authorized modifications of the contract that hereafter are made. Notice of those modifications to the Surety(ies) are waived.
(b) Pays to the Government the full amount of the taxes imposed by the Government, if the said contracts is subject to the Miller Act, (40 U.S.C. 270a-270e), which are collected, deducted, or withheld from wages paid by the Principal in carrying out the construction contract with respect to which this bond is furnished.
WITNESS
The Principal and Surety(ies) executed this performance bond and affixed their seals on the above date.

Principal

Signature(s)	(Seal)	(Seal)	(Seal)	Corporate Seal
Name(s) and Title(s) (Typed)	1.	2.	3.	

Individual Surety(ies)

Signature(s)	1. (Seal)	2. (Seal)
Name(s) Typed	1. (Seal)	2. (Seal)

Corporate Surety(ies)

SURETY A					
	Name & Address		State of Inc	Liability Limit ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		

Corporate Surety(ies)

SURETY B					
	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		

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Corporate Surety(ies)					
SURETY C	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety D	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety E	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety F	Name and Address		State of Inc.	Limit of Liability	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety G	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) Typed	1.	2.		

Bond Premium >	Rate per thousand ($)	Total ($)

Instructions

1. This form is authorized for use in connection with Government contracts. Any deviation from this form will require the written approval of the Administrator of General Services.
2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., and attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
3. (a) Corporations executing the bond as sureties must appear on the department of the Treasury's list of approved sureties and must act within the limitation listen therein. Where more than one corporate surety is involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identification of the sureties.
(b) Where individual sureties are involved, a completed Affidavit of Individual Surety (standard Form 28) for each individual surety, shall accompany the bond. The Government may require the suretyto furnish additional substantiating information concerning their financial capability.
4. Corporation executing the bond shall affix their corporate seals. Individual shall execute the bond opposite the word " Corporate Seal", and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
5. Type the name and title of each person signing this bond in the space provided.

Standard Form 25 (Rev 5-96) Back

ATTACHMENT #2 Standard Form 25A, "Payment Bond"

PAYMENT BOND ***(See instructions on reverse)***	DATE BOND EXECUTED *(Must be same or later than date of contract)*	OMB No.: **9000-0045**

Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat (MVR), Federal Acquisition Policy Division, GSA, Washington, DC 20405

PRINCIPAL *(Legal name and business address)*	Type of Organization ("X" One)			
	Individual		Partnership	
	Joint Venture		Corporation	
	STATE OF INCORPORATION			
SURETY(IES) (*Name(s) and business address(es)*	PENAL SUM OF BOND			
	Million(s)	Thousands	Hundreds	Cents
	Contract Date		Contract No.	

OBLIGATION :
We, the Principal and Surety (ies), are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.

CONDITIONS:
The above obligation is void if the Principal promptly makes payment to all persons having a direct relationship with the Principal or a subcontractor of the Principal for furnishing labor, material or both in the prosecution of the work provided for in the contract identified above, and any authorized modifications of the contract that subsequently are made. Notice of those modifications to the Surety(ies) are waived.

WITNESS
The Principal and Surety(ies) executed this payment bond and affixed their seals on the above date.

Principal

Signature(s)	1. (Seal)	2. (Seal)	3. (Seal)	Corporate Seal
Name(s) and Title(s) (Typed)	1.	2.	3.	

Individual Surety(ies)

Signature(s)	1. (Seal)	2. (Seal)
Name(s) Typed	1. (Seal)	2. (Seal)

Corporate Surety(ies)

SURETY A	Name & Address		State of Inc	Liability Limit ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		

Corporate Surety(ies)

SURE	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		

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	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
SURETY C	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety D	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety E	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety F	Name and Address		State of Inc.	Limit of Liability	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		
Corporate Surety(ies)					
Surety G	Name and Address		State of Inc.	Limit of Liability ($)	Corporate Seal
	Signature(s)	1.	2.		
	Name(s) Title(s) (Typed)	1.	2.		

Instructions

1. This form, for the protection of persons supplying labor and material, is used when a payment bond is required under the Act of August 24, 1935, 49 Stat. 793 (40 U.S.C. 270a-270e). Any deviation from this form will required the written approval of the Administrator of General Services.
2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative capacity is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.
3. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitation listed therein. Where more than one corporate surety is involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identification of the sureties.

   (c) Where individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28) for each individual surety , shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning their financial capability.
4. Corporations executing the vond shall affix their corporate seals. Individuals shall execute the bond opposite the word "Corporate Seal", and shall affix an adhesive seal if ecescuted in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.
5. Type the name and title of each person signing this bond in the space provided.

ATTACHMENT #3

UNITED STATES DEPARTMENT OF STATE
BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

(Note the Proposal Price Total should match the Grand Total from Bill of Quantities)

Division/Description	**Labor**	**Materials**	**Overhead**	**Profit**	**Total**
General Requirements					
Site Work					
Concrete					
Masonry					
Metals					
Wood and Plastic					
Thermal and Moisture					
Doors and Windows					
Finishes					
Specialties					
Equipment					
Furnishings					
Special Construction					
Conveying Systems					
Mechanical					
Electrical					
Gutters				Total	
Allowance Items					
Proposal Price Total					
Alternates (List separately, do not total)					

Offeror: ***Date***

ATTACHMENT #4

STATEMENT OF WORK
(provide a statement of how you hope to execute the works)

BILL OF QUANTITIES FOR ELECTRICAL UPGRADE AT 4519 LOS ANGELES

ITEM #	DESCRIPTION OF TASK	UNIT	QTY
SECT I	**EXISTING METER BOX**		
I.1	Arrange for a shutdown with ZESCO to facilitate dismantling of existing meter box equipment taking care to preserve any non-USG equipment	Item	1
I.2	Replace existing Meter Box hardware with new replacements as follows:		
	i. 100A 250V 10kAIC single pole MCCB	ea	3
	ii. Class II SPD, Uc=275V, In=5kA, Imax=10kA, Up=1.2kV surge arrestors	ea	3
	vii. Ground/earth bus c/w mounting, grounding conductor, ground rod and accessories for a complete connection	Item	1
	viii. Neutral bus c/w insulators and mounting	Item	1
	Note: All conductors shall be of full size when terminated (no strands shall be cut back).		
SECT II	**EXISTING ELECTRICAL SERVICE ENTRANCE**		
II.1	In collaboration with the Zambia Electricity Supply Corporation (ZESCO), arrange to replace existing overhead service entrance, with underground type.	Item	1
SECT III	**EXISTING MAIN DISTRIBUTION PANEL**		
III.1	Remove existing Main electrical distribution panel, including circuit breakers, indoor lightning / surge arrestors, neutral and ground bars, etc. Existing conduits and wiring/conductors may be retained and re-utilized via express approval of the Electrical Engineer, if functioning correctly and in compliance with NFPA 70E. Conduits and wiring/conductors shall otherwise be disassembled / disconnected and abandoned in-situ.	Item	1
III.2	Supply, install and set to work a new electrical distribution panel comprising the following:		
	i. 100Amp 10kAIC SP MCCB main circuit breakers wired in 4-core 35sqmm SWA + 16sqmm ECC direct on wall surface or in surface-mounted metal trunking	Ea	3

	ii. 50Amp 6kAIC SP MCB dedicated for cooker circuits	Ea	2
	iii. 20Amp 6kAIC SP MCB dedicated for 60lt - 90lt water heater circuits	Ea	3
	iv. 30Amp 6kAIC SP MCB dedicated for 100lt - 150lt water heater circuits	Ea	2
	v. 20Amp 6kAIC SP MCB dedicated for 12000Btu air-conditioner circuits	Ea	6
	vi. 30Amp 6kAIC SP MCB dedicated for 18000Btu - 24000Btu air-conditioner circuits	Ea	5
	vii. 20Amp 6kAIC SP MCB dedicated for clothes washer circuits	Ea	2
	viii. 20Amp 6kAIC SP MCB dedicated for clothes dryer circuits	Ea	2
	ix. 20Amp 6kAIC SP MCB dedicated for refrigerator circuits	Ea	2
	x. 20Amp 6kAIC SP MCB dedicated for freezer circuits	Ea	2
	xi. 20Amp 6kAIC SP MCB dedicated for microwave circuits	Ea	2
	xii. 20Amp 6kAIC SP MCB dedicated for extract fan circuits	Ea	2
	xiii. 20Amp 6kAIC SP MCB for small power appliance circuits	Ea	4
	xiv. 15Amp 6kAIC SP MCB for lighting circuits	Ea	4
	xv. 10Amp 6kAIC SP MCB dedicated for fire alarm panel circuits	Ea	1
	xvi. 5Amp 6kAIC SP MCB dedicated for door bell circuits	Ea	1
	xvii. Spare spaces	Ea	12
	xiii. 20Amp 6kAIC SP MCB for water distiller circuit	Ea	1
	xiv. Ground/earth bus c/w mounting, grounding conductor, ground rod and accessories for a complete connection	Item	1
	xv. Neutral bus c/w insulators and mounting	Item	1
	NOTE: ALL CIRCUIT SHALL BE APPROPRIATELY LABELED UPON COMPLETION	Item	1

SECT IV LIGHTING, SMALL POWER AND DEDICATED POWER DEMOLITION AND REPLACEMENT

IV.1 MASTER BEDROOM

IV.1.1	Remove existing light fixture(s), light switch (es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.1.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	3
IV.1.3	Supply, install and set to work, wall-mounted 1-lever, 1-way light switch(es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	3
IV.1.4	Re-install and set to work, light fixtures	Ea	3
IV.1.5	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	6

IV.1.6	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	2
IV.1.7	Supply, relocate if necessary, install and set to work, wall-mounted air-conditioner power point comprising isolator with status indicator light, mounted 1800mm AFFL, next to AC unit, in 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.1.8	Supply, install and set to work telephone point mounted 300mm AFFL in 20mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.1.9	Supply, install and set to work, wall-mounted security system power point, mounted 1800mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.1.9	Make good, any affected walls	Item	1
IV.2	**MASTER BATHROOM**		
IV.2.1	Remove existing light fixture(s), light switch(es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.2.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.2.3	Supply, install and set to work, wall-mounted 1-lever, 1 x 1-way light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.2.4	Re-install and set to work, light fixtures	Ea	1
IV.2.5	Supply, install and set to work, wall-mounted shaver outlet, mounted above couter top unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. conduit embedded in wall	Ea	1
IV.2.5	Supply, install and set to work, wall-mounted extract fan power point complete with extract fan isolator with status indicator light, mounted 1800mm AFFL, next to extract fan unit, unless otherwise stated, in 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 conduit embedded in wall	Ea	1
IV.2.6	Make good, any affected walls	Item	1
IV.3	**BEDROOM # 1**		
IV.3.1	Remove existing light fixture(s), light switch(es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1

IV.3.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.3.3	Supply, install and set to work, wall-mounted 1-lever, 1-way light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.3.4	Re-install and set to work, light fixtures	Ea	1
IV.3.5	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	3
IV.3.5	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.3.6	Supply, relocate if necessary, install and set to work, wall-mounted air-conditioner power point comprising isolator with status indicator light, mounted 1800mm AFFL, next to AC unit, in 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.3.7	Make good, any affected walls	Item	1
IV.4	**BATHROOM #2**		
IV.4.1	Remove existing light fixture(s), light switch(es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.4.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.4.3	Supply, install and set to work, wall-mounted 1-lever, 1-way light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.4.4	Re-install and set to work, light fixtures	Ea	1
IV.4.5	Supply, install and set to work, wall-mounted shaver outlet, mounted above couter top unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. conduit embedded in wall	Ea	1
IV.4.6	Supply, install and set to work mirror light point complete with switch in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.4.7	Supply, install and set to work, wall-mounted extract fan power point complete with extract fan isolator with status indicator light, mounted 1800mm AFFL, next to extract fan unit, unless otherwise stated, in 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 conduit embedded in wall	Ea	1

IV.4.8	Make good, any affected walls	Ea	1

IV.5	**BEDROOM # 3**		
IV.5.1	Remove existing light fixture(s), light switch (es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.5.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.5.3	Supply, install and set to work, wall-mounted 1-lever, 1-way light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.5.4	Re-install and set to work, light fixtures	Ea	1
IV.5.5	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	3
IV.5.6	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.5.7	Supply, relocate if necessary, install and set to work, wall-mounted air-conditioner power point comprising isolator with status indicator light, mounted 1800mm AFFL, next to AC unit, in 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.5.8	Make good, any affected walls	Item	1

IV.7	**CORRIDOR #1 (Bedroom area)**		
IV.7.1	Remove existing light fixture(s), light switch (es), general purpose socket outlets, wiring, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.7.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.7.3	Supply, install and set to work, wall-mounted 1-lever, 1-way light switch(es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	3
IV.7.4	Re-install and set to work, light fixtures	Ea	1

IV.7.5	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.7.6	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.7.7	Make good, any affected walls	Item	1

IV.8 LOUNGE

IV.8.1	Remove existing light fixture(s), light switch(es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.8.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	2
IV.8.3	Supply, install and set to work, wall-mounted 3-lever, 1-way + double rotary dimmer light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.8.5	Re-install and set to work, light fixtures	Ea	2
IV.8.6	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	5
IV.8.7	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	2
IV.8.8	Supply, relocate if necessary, install and set to work, wall-mounted air-conditioner power point comprising isolator with status indicator light, mounted 1800mm AFFL, next to AC unit, unless otherwiae stated or existing, in 2 x 6sqmm SC + 6sqmm ECC in 32mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.8.9	Make good, any affected walls	Item	1

IV.9 PATIO

IV.9.1	Remove existing light fixture(s), light switch (es), general purpose socket outlets, wiring, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1

IV.9.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	3
IV.9.3	Supply, install and set to work, wall-mounted 800-watt 1-lever, 1-way + single rotary dimmer light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.9.5	Re-install and set to work, light fixtures	Ea	3
IV.9.6	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.9.7	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.9.8	Make good, any affected walls	Item	1
IV.11	**DINING ROOM**		
IV.11.1	Remove existing light fixture(s), light switch(es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.11.2	Supply, install and set to work light point in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.11.3	Supply, install and set to work, wall-mounted 1-lever, 1-way, double rotary dimmer light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.11.5	Re-install and set to work, light fixtures	Ea	1
IV.11.6	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	2
IV.11.7	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.11.8	Supply, relocate if necessary, install and set to work, wall-mounted air-conditioner power point comprising isolator with status indicator light, mounted 1800mm AFFL, next to AC unit, unless otherwise stated or existing, in 2 x 6sqmm SC + 6sqmm ECC in 32mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	2

IV.11.9	Make good, any affected walls	Item	1

IV.12	**KITCHEN**		
IV.12.1	Remove existing light fixture(s), light switch(es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.12.2	Supply, install and set to work ceiling-mount light points in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	3
IV.12.3	Supply, install and set to work over-counter light points in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	8
IV.12.5	Supply, install and set to work, wall-mounted 1-lever, 1-way, double rotary dimmer light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	2
IV.12.6	Re-install and set to work, light fixtures	Ea	3
IV.12.7	Supply, install and set to work, wall-mounted 13A double switch socket outlet, counter-top-mounted unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	6
IV.12.8	Supply, install and set to work, wall-mounted dedicated 15A single switch GFCI socket outlet, mounted 300mm AFFL unless otherwise stated or existing, 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	4
IV.12.9	Supply, install and set to work, wall-mounted 45A Cooker Control Unit with 13A single switch socket outlet, mounted 1400mm AFFL unless otherwise stated or existing, 2 x 10sqmm SC + 10sqmm ECC in 32mm dia. Schedule 40 PVC conduit, embedded in wall	1	1
IV.12.10	Supply, install and set to work, wall-mounted 13A double switch GFCI socket outlet, counter-top-mounted unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	4
IV.12.11	Supply, install and set to work, wall-mounted extract fan power point complete with extract fan isolator with status indicator light, mounted 1800mm AFFL, next to extract fan unit, unless otherwise stated, in 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 conduit embedded in wall	Ea	1
IV.12.12	Make good, any affected walls	Item	1

IV.13	**LAUNDRY**		

IV.13.1	Remove existing light fixture(s), light switch(es), general purpose socket outlets, power points, wiring and associated controls, conduiting and/or surface-mount trunking. Care should be taken to preserve the existing light fixtures for re-installation.	Item	1
IV.13.2	Supply, install and set to work ceiling-mount light points in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 25mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	1
IV.13.3	Supply, install and set to work, wall-mounted 1-lever, 1-way light switch (es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.13.5	Re-install and set to work, light fixtures	Ea	1
IV.13.6	Supply, install and set to work, wall-mounted 13A GFCI double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	3
IV.13.7	Supply, install and set to work, wall-mounted dedicated 15A GFCI single clothes washer outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	3
IV.13.8	Supply, install and set to work, wall-mounted extract fan power point complete with extract fan isolator with status indicator light, mounted 1800mm AFFL, next to extract fan unit, unless otherwise stated, in 2 x 4sqmm SC + 4sqmm ECC in 25mm dia. Schedule 40 conduit embedded in wall	Ea	1
IV.13.9	Make good, any affected walls	Item	1

IV.15 STAFF QUARTERS

IV.15.1	Remove existing electrical panel, complete with associated conduiting, light fixtures, socket outlets, surface-mounted trunking, wiring and conduiting		
IV.15.2	Supply, install and set to work, a wall-mount surface electrical power distribution panel, comprising the following:		
	i. Incomer 50A 250V 10kAIC, Single Pole MCCB	ea	1
	ii. Class II SPD, Uc=275V, In=5kA, Imax=10kA, Up=1.2kV surge arrestors	Ea	1
	iii. 10A 250V 3kAIC, Single Pole Miniature Circuit Breaker (MCB) - Lighting	ea	2
	iv. 20A 250V 3kAIC, Single Pole Miniature Circuit Breaker - water heater & socket outlets	ea	2
	v. 30A 250V 3kAIC, Single Pole Miniature Circuit Breaker - cooker outlet	ea	1
	vii. Grounding/earthing complete with ground bus c/w mounting accessories, grounding conductor, grounding rod and inspection box	Item	1
	viii. Neutral bus c/w insulators and mounting accessories	Item	1
IV.15.3	Supply, install and set to work light points in 2.5sqmm SC + 1 x 2.5sqmm earth continuity conductor (ECC), in 20mm dia. Schedule 40 PVC conduit embedded in wall.	Ea	10

IV.15.4	Supply, install and set to work, wall-mounted 1-lever, 1-way light switch(es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	7
IV.15.5	Supply, install and set to work, new bulkhead light fixture	Ea	1
IV.15.6	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	5
IV.15.7	Remove, Supply, install and set to work, water heater power point mounted on wall at 1800mm AFFL unless otherwise stated or existing, in 2 x 6sqmm + 6sqmm ECC in 32mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.15.8	Make good, any affected walls	Item	1
IV.16	**SWIMMING POOL**		
IV.16.1	Remove existing light and other fixtures, wiring and conduiting	Item	1
IV.16.2	Supply, install and set to work light point, in 2 x 4sqmm SC +1 x 4sqmm earth continuity conductor (ECC)	Ea	5
IV.16.3	Supply, install and set to work, 5 new Pole mounted flood light fixtures. Fixtures samples shall be approved by the Electrical Engineer	Ea	5
IV.16.4	Supply, install and set to work, complete lighting control panel, mounted 1400mm AFFL unless as existing or stated	Ea	1
IV.16.5	Any disturbance to the grounds that are related to these works, shall be made good	Item	1
IV.18	**GUARD BOOTH**		
IV.18.1	Remove existing light and other fixtures, wiring and conduiting	Item	1
IV.18.2	Supply, install and set to work, new wall-mounted mini electrical distribution panel, complete	Item	1
IV.18.3	Supply, install and set to work light point, in 2 x 2.5sqmm SC +1 x 2.5sqmm earth continuity conductor (ECC) in 20mm schedule 40 PVC conduit in wall	Ea	1
IV.18.4	Supply, install and set to work, wall-mounted 2-lever, 1-way light switch(es) mounted 1400mm AFFL unless otherwise stated or existing.	Ea	1
IV.18.5	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1

IV.18.6	Supply, install and set to work, wall-mounted 15A single switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	1
IV.18.7	Make good, any affected walls	Item	1
IV.19	**EXTERNALS**		
IV.19.1	Rewire electrical lighting and equipment power and control points in electrical conduiting, in ceiling void or wall, In compliance with NEC Code 70E	Item	1
IV.19.2	Remove and replace and rewire weatherproof light fixtures on main house external walls, complete with associated controls in 2 x 2.5sqmm + 2.5sqmm ECC in 25mm schedule 40 PVC conduit in wall. Light fixture samples shall be approved by the Electrical Engineer prior to installation	Ea	7
IV.19.3	Remove and replace and rewire weatherproof 1x 36W fluorescent security light fixtures, complete with associated controls in 2 x 6sqmm + 6sqmm ECC in 25mm schedule 40 PVC conduit in wall/ground	Ea	20
IV.19.4	Supply, install and set to work, wall-mounted 13A double switch socket outlet, mounted 300mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall	Ea	2
IV.19.5	Supply, install, and set to work water-heater power point in 2 x 6sqmm + 6sqmm ECC in 32mm schedule 40 PVC conduit in wall	Ea	3
IV.19.6	Remove, Supply, install and set to work, 1-off booster pump power point mounted on wall at 1800mm AFFL unless otherwise stated or existing, in 2 x 6sqmm + 6sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall, complete with control gear	Ea	2
IV.19.7	Remove, Supply, install and set to work, water pump power point mounted on wall at 1800mm AFFL unless otherwise stated or existing, in 2 x 4sqmm + 4sqmm ECC in 25mm dia. Schedule 40 PVC conduit, embedded in wall, complete with control gear	Ea	1
IV.19.8	Any disturbance to the grounds that are related to these works, shall be made good	Item	1