

Nouakchott, Mauritania

DATE: 08/14/2013

Dear Prospective Offerors
SOLICITATION NUMBER: SMR60013-R-0031

American Embassy, Nouakchott, has a requirement for a contractor to provide work specified in the attached statement of work.
You are invited to submit quotes.

The request for quotations (RFQ) consists of the following sections:

Standard Form SF 18
Statement of Work
Clauses

The Embassy will award a purchase order for the work being assigned to contractor on a fixed price basis. You are encouraged to make your quote competitive. The RFQ does not commit American Embassy Nouakchott to make any award. The Embassy may cancel this RFQ or any part of it.

Please read the RFQ carefully, and if you are interested, submit your quotation. Return the completed SF-18 to the address shown in Block 5a of the SF-18 by 08/22/13 at 11:00 am.

Oral quotes will not be accepted.

Sincerely,

Andrew Hudson
Contracting Officer

**SUMMARY OF WORK
MAKE READY AT
AMERICAN EMBASSY, NOUAKCHOTT**

SUMMARY OF WORK

The contractor will be directed to execute the following works:
Perform all upgrades and renovations as indicated in section 1.1.3 below. Contractor will provide all materials, equipment and supervision required to accomplish the work within **180 calendar** days after work is started. Work will start on the next business day after the work is awarded. The contractor will be penalized 64800 UM for each day he is late in his completion of the project.

SCOPE OF WORK

1.1 Definition:

1.1.1 The contractor shall provide all labor necessary to perform work indicated in section 1.1.3. The contractor is responsible for providing and ensuring the proper use of safety equipment to ensure the health and welfare of all contractor personnel, embassy employees, and visitors.

1.1.2 The contractor must visit the job site for walk through after award. Contractor shall be able to meet at a minimum all applicable security standards for the project. This document and its attachments represent the technical description for this project.

1.1.3 Works includes:

The contractor shall provide materials, equipment, tools and labor for the different trade works listed below:

1. CARPENTRY, ELECTRICAL, PLUMBING, AND INDOOR MAINTENANCE

- See attached FAC AND RSO punch lists

1.2 Hierarchy of the documents:

1.2.1 The present specification of the general technical specifications and the plans are the documents of this contract to which we shall refer to any time the need requires. These documents mutually complete each other in a manner that the work should be executed without any indemnity even if the work indicated on the diagram is not mentioned in one of the other documents.

1.3 File verification

1.3.1 The contractor's bid represents a firm-fixed price that he will do the contract for and there is no appeal permitted to the contracting officer should there be a difference in measurement. The contractor cannot, in any case, claim an increase of payment nor any indemnity. It is understood that he should execute all works and activities in order to achieve the service in accordance with the requirements.

1.4 Quality standards

1.4.1 The service shall be continuously inspected by the contracting officer's representative. If the service does not meet the approval of the contracting officer's representative, the unapproved service shall be removed and replaced at the contractor's expense.

1.4.2 To ensure quality and craftsmanship, the contractor will have a qualified supervisor on site at all times in which service is being performed to instruct and supervise the contractor's employees.

1.5 Commencement

1.5.1 Prior to the commencement of service, the contractor is required to supply the contracting officer's representative with **a list of employee names and a photocopy of identification for each employee that will be working on the project.** The listed employees shall be present on the job-site each until the service is completed. If an employee is not present, the contractor's supervisor shall give the contracting officer's representative notice and explanation for the employee's absence. This requirement may be waived by the contracting officer for work not on the US Embassy compound.

1.5.2 For the duration of the project, workers whose names were not initially submitted will not be allowed on the embassy compound without prior approval from the contracting officer's representative.

1.6 Installation

1.6.1 The contractor shall provide all tools, equipment, necessary for the realization of the service. All administrative service resulting from the projects are the responsibility of the contractor and are at the contractor's expense.

1.7 Cleaning

1.7.1 While working at the residence, the contractor shall ensure the cleaning and the good order of the area. The contractor shall ensure that the work area is clean, and all debris is removed.

1.7.2 Upon completion of work, the contractor shall ensure that the work area and the surrounding areas are clean and free of excess debris. Upon completion of work, the contractor shall remove all materials, tools and equipment from the area.

1.8 Stocking of material

The contractor shall ensure that all materials are properly stored.

1.8.2 All materials, that become degraded or broken due to contractor negligence, shall be paid for by the contractor.

RES. NOT 387 SOFLE - Appendix A --- FAC / POSHO

N#	AREAS	REMARKS
1	COMPOUND	
1,1	Parking area preparation (between the main gate and the main building)	Demolishing disposal of the existing concrete columns in the compound. Remove and disposal 15 cm thickness of the soil in the unpaved areas. Replace the excavated space with clean constructing sand. Construct 10 cm reinforced concrete ground slab and install concrete pavement on top of the slab. NB: the final level of the pavement must be the same as existing compound tiling.
1,2	1 GYM ROOM	
1,2,1	Masonry & structure	Close holes and patch all masonry cracks found the walls and the ceiling. (interior and exterior)
1,2,2	Doors and windows	Remove all existing aluminum doors and windows. Replace the existing door with new 1.60x 2.10 width aluminum door stronger models. The glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
1,2,3	Electrical installation	The whole electrical installation must be replaced. Provide and install 4 fluorescent 1.20m lighting controlled by one double light switch with the complete necessary wiring as required. Provide and install 2 waterproofs fluorescent lighting 1.20m in front of the gym building. Provide and install 8 new outlets regularly dispatched on the walls with the necessary wiring. Provide and install 2 AC control receptacle "dismatic model" to hook up the future 2 ACs 18000BTU to be installed. Provide and install a specific electric panel for the gym room.
1,2,4	Painting	Repaint the whole interior with white color and same quality of the former painting. Repaint the exterior with the same color and good quality of acrylic paint.
1,3	Water supply system	
1,3,1	City water pump	Install 1 new water pump provided by US Embassy to pump potable water from the city network to the water tank. All pump installation and connection accessories will be provided by the contractor.
1,3,2	City Water pre-filters	Provide and install 2 pre-filters in parallel on the line just after the pump and before the water tank.

1,3,3	City Water control floater	Provide and install 1 heavy duty water floater tap to control water level in the tank. The size of the floater tap must be at least 1" - 1/4.
1,3,4	Water tank/reservoir	The former water tank between the front fence, the gym room and the Eastern fence must be demolished and disposal by the contractor. The contractor will build a new solid concrete block and reinforced concrete structure at its place. The new tank must have a minimum capacity of 20 m3 . Design of structure, details and dimensions of the tank must be approved by the COR before starting the construction (The details proposal must figure in the contractors bid offer).
1,3,5	Water distribution pipes & network	Contractor shall provide and reinstall a new water distribution lines (PVC pipe Ø32mm 16bars for the main line around the main building) with all required accessories. All the water room fixtures will be supply "PEX" pipe. The contractor shall repair, retile and repaint the entire demolished surface due to new pipes installation. Contractor shall provide and install the entire water control valves as requested according to water supply installation standard with the approval of the COR. Each water room must have a main control gate valve. Each fixture in the water room must its individual water control bulb valve. Contractor shall provide the drawing of the new piping distribution at the end of the project.
1,3,6	Water distribution pre-filters	Provide and install 2 pre-filters in parallel on the line just after the water distribution pump.
1,4	Sewage and black water sysem	
1,4,1	Septic tank structure & cleaning	Pump out the remaining sewage water existing in tank. Remove and clean the smudge from the bottom of the septic tank. Check and repair the structure of the tank if some cracks and hole are found.
1,4,2	Sewage pipes condition	Conduct service and maintenance of all sewage and drainage pipes of the residence. Repair or replace if broken pipes are found or if there is any misconstruction that is causing malfunctioning of the draining system. At the end a general draining test must be performed in the presence of the COR or one of the Embassy FAC specialist.

1,4,3	Sewage drainage pits structure and covers	Pump out the remaining sewage water exiting in all the drainage pits. Remove and clean all dust. Check and repair the structure of the pits if some cracks are found. Rectify the interior of the pits if any misconstruction is found. Completely broken concrete pits and all pit covers must be replaced. The whole sewage draining system can be modified if it is necessary to make it work properly.
1,4,4	Compound cleaning	Clean up whole compound all the rooms at the end of make ready project.
2	MAIN BUILDING DOWNSTAIRS	
2,1	SP.2 / Main entrance porch and corridor	
2,1,1	Masonry/structure/tiling	Check all the walls and the parapets, repair and patch if cracks and holes are found. Check all the tiling on the floor and access stairs, repair or replace if some are broken.
2,1,2	Lighting	Provide and replace the whole lighting for the corridor. That work includes rewiring, replacement of light fixtures, replacement of light switches and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,1,3	Outlets	Provide and install 4 new waterproofed (Plexo) outlets in the front corridor. The distance between outlets must at least 12 Ft. The outlets conductors section must be \varnothing 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
2,1,4	Painting	Repaint the whole corridor with white color and same quality of the former good quality acrylic painting. Repaint the exterior elevation with the same color and good quality of acrylic paint.
2.2	SP.3/ Downstairs big hall	
2,2,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls and existing interior columns. Check all the tiling on the floor and repair or replace if some are broken.

	Aluminum interior door	Remove the existing aluminum doors. Replace it with a new complete aluminum door and frame with same design but stronger models. The glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm. (Beitech aluminum door model or similar).
2,2,2	Windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,2,4	Lighting	Provide and replace the whole lighting installation the big hall. That work includes rewiring, replacement of light fixtures (candelabras), replacement of light switches and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,2,5	Outlets	Provide and install 6 new outlets (wall sockets) in the big hall(3 wall sockets at each side). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
2,2,6	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,3	SP.4/ Bunk beds room	
2,3,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls and existing interior columns. Check all the tiling on the floor and repair or replace if some are broken.
2,3,2	Door	Provide complete maintenance for the door and its frame, verify the functioning of the whole door and make sure it's closing and opening properly. Provide and install a new complete and heavy duty door lock. (Original Laperche, Tesa or similar model will be the required acceptable quality).

2,3,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,3,5	Lighting	Provide and replace the whole lighting installation the big room. That work includes rewiring, replacement of light fixtures (candelabras), replacement of light switches and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,3,6	Outlets	Due to function and the size of room 20 new outlets (wall sockets) will be provided and installed regularly dispatched on the walls in manner to have at least 1 outlet per bed with the necessary wiring. Do not exceed 5 outlets per circuit and circuit breaker. The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standard. The entire outlets must be grounded according electrical installation exhaust
2,3,7	Ac control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
2,3,8	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,4	SP.5 Eastern corridor	
2,4,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Remove the former existing panel and repair the wall with cement mortar finishing. Check all the tiling on the floor and repair or replace if some are broken.
2,4,2	Inside aluminum door	Remove the existing aluminum doors and. Replace it with new same design but stronger models (Beitech aluminum door type or similar). The glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.

2,4,3	Aluminum window	Provide and install a fixed framed aluminum window on top of the exterior door. The frame must be the same design, material and model as the interior door. The purpose of that fixed window is to allowed daylight in the corridor.
2,4,3	Downstairs eastern electric panel	Provide and install one new electric panel in the corridor to hook up all the installation at eastern side of the building. The panel must be sized according international electrical installation standard.
2,4,4	Downstairs eastern electric panel breakers	Provide and install Power main disconnect breaker and all other branches breaker in the panel. Provide wiring for the circuit breaker. The different type of circuits must not be mixed together (lights, outlet, ACs, Appliances etc... must be in separate specific circuit). The breakers installation and wiring must meet international electrical installation standard.
2,4,5	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,4,6	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,5	SP.6 TV room	
2,5,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
2,5,2	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,5,3	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust

2,5,4	Outlets	Provide and install 7 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \varnothing 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
2,5,5	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be \varnothing 3x4mm ² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
2,5,6	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,6	SP.7 Safe room	
2,6,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Check all the tiling on the floor and repair or replace if some are broken.
2,6,2	Safe door	Provide and install heavy duty double faces black steel sheet 2mm thickness metallic door and frame to replace the existing one. The interior structure of the door must be reinforced with black steel square tube 30x30 mm, Th=2mm and the space between square tube reinforcement must not exceed 120mm. Heavy duty and special metallic door lock will provided and installed by the contractor. The door will have a width of 900mm and height should be according to the existing concrete lintel level.
2,6,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,6,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide double light switches to control all the fixtures in 2 groups. Grounding connection must be provided for light fixtures according to electrical installation exhaust

2,6,5	Outlets	Provide and install 8 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
2,6,6	AC control receptacle	Contractor will provide and install 2 new AC control receptacle "DISMATIC" type connected on specific breakers directly from the eastern panel to hook up the future 2 ACs. (The ACs will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
2,6,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,7	SP.8 Bunk beds bathroom	
2,7,1	Masonry/structure/tiling	The existing bathroom needs to be redesigned and modify to make it fit the needs of the bunk beds room occupants. Contractor will demolish some interior walls; remove tiling and all existing restroom broken fixture; rebuild new bathrooms; toilets and lavatories according to the sketch and the indications provided by the COR.
2,7,2	Doors	Provide and install new doors according to the new design. The doors must be Beitech model type bathroom door or similar and approved by the COR before installation.
2,7,3	Aluminum windows	Provide and install new aluminum framed windows according to the new design and similar in quality as the existing windows of the whole residence. The windows must be approved by the COR before installation.
2,7,4	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ball valve to control each fixtures.
2,7,5	Lighting	Provide and install new lighting according to the bathrooms, toilets and lavatories design. That work includes rewiring and installation of new light fixtures. Provide light switches accordingly to control each room separately. Provide lighting on top of the 3 lavatories and 1 large mirror that can fit all the 3 lavatories together. Grounding connection must be provided for light fixtures according to electrical installation exhaust

2,7,6	Outlets	Provide and install 3 GFCI waterproofed outlets 30mA sensibility on top of the lavatory sinks (1 outlet per sink). The 3 outlets must be protected by a specific circuit breaker in the Westside downstairs panel. Grounding connection must be provided for light for the outlets according to electrical installation exhaust
2,7,7	Water heater	One heavy duty 80 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
2,7,6	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust
2,7,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.
2,8	SP.9/ North side corridor	
2,8,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
2,8,2	Inside aluminum door	Remove the existing aluminum doors and. Replace it with new same design but stronger models (Beitech aluminum door type or similar). The glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,8,3	Aluminum window	Provide and install a fixed framed aluminum window on top of the exterior door. The frame must be the same design, material and model as the interior door. The purpose of that fixed window is to allowed daylight in the corridor.
2,8,4	Downstairs North side electric panel	Provide and install one new electric panel in the corridor to hook up all the installation at eastern side of the building. The panel must be sized according international electrical installation standard.

2,8,5	Downstairs North side electric panel breakers	Provide and install Power main disconnect breaker and all other branches breaker in the panel. Provide wiring for the circuit breaker. The different type of circuits must not be mixed together (lights, outlet, ACs, Appliances etc... must be in separate specific circuit). The breakers installation and wiring must meet international electrical installation standard.
2,8,6	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,8,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,9	SP.10 Bed room	
2,9,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
2,9,2	Wooden doors	Provide and replace the existing 2 doors (front and interior) and their frames by new solid red wooden doors type or Beitech model wooden doors type. Provide solid original "Laperche"; "TESA" or similar lock for the door.
2,9,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,9,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust

2,9,5	Outlets	Provide and install 7 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \emptyset 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
2,9,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be \emptyset 3x4mm ² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
2,9,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,10	SP.11 Bathroom	
2,10,1	Masonry/structure/tiling	The existing bathroom needs to be renewed entirely. Contractor will demolish the existing bathtub support wall; remove floor tiling; walls tiling up to about 100cm height and all existing restroom broken fixture; rebuild new support wall for the new complete bathtub with accessories such as mixing faucet, shower flexible pipe and shower head; provide and install new complete toilet seat and lavatory (including lavatory mirror and light) according with all accessories such as mixing faucet, control valves, flexible pipes according to the sketch and the indications provided by the COR. BN: all the bathroom fixture must be "ROCA" model type or similar.
2,10,2	Wooden doors	Provide and replace the existing wooden door and its frames by new solid red wooden door (Beitech model wooden doors type or similar). Provide solid original "Laperche"; "TESA" or similar lock for the door.
2,10,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.

2,10,4	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ballvalve to control each fixtures.
2,10,5	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of the ceiling light fixture. Provide in and out light switch and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
2,10,6	Outlet	Provide and install 1 GFCI waterproofed outlet 30mA sensibility on top of the lavatory sink (1 outlet per sink). The outlet must be protected by a specific circuit breaker in the Westside downstairs panel. Grounding connection must be provided for light for the outlets according to electrical installation exhaust
2,10,7	Water heater	One heavy duty 80 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
2,10,8	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust
2,10,9	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.
2,11	SP.12 Office space	
2,11,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.

2,11,2	Wooden doors	Provide and replace the existing 2 doors (left and right sides) and their frames by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
2,11,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,11,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,11,5	Outlets	Provide and install 6 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
2,11,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
2,11,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,12	SP.13 Storage	
2,12,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Clean up, remove and dispose all debris existing in the room. Check all the tiling on the floor and repair or replace if some are broken.

2,12,2	Wooden doors	Provide and replace the existing door and its frames by a new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
2,12,3	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches beside the door and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,12,4	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm ² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
2,12,5	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
2,13	SP.14 Toilet downstairs	
2,10,1	Masonry/structure/tiling	Remove the existing exhaust fan and close the opening with masonry and tiling touchup. Provide and replace with new complete toilet seat and lavatory (including lavatory mirror and light) with all accessories such as mixing faucet, control valves, flexible pipes as required for correct plumbing installation . BN: all the bathroom fixtures must be "ROCA" model type or similar.
2,10,2	Wooden doors	Provide and replace the existing wooden door and its frames by new solid red wooden door (Beitech model wooden doors type or similar). Provide solid original "Laperche"; "TESA" or similar lock for the door.
2,10,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.

2,10,4	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ball valve to control each fixture.
2,10,5	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of the ceiling light fixture. Provide in and out light switches and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,10,6	Outlet	Provide and install 1 GFCI waterproofed outlet 30mA sensibility on top of the lavatory sink (1 outlet per sink). The outlet must be protected by a specific circuit breaker in the Westside downstairs panel. Grounding connection must be provided for light for the outlets according to electrical installation exhaust
2,10,7	Water heater	One heavy duty 80 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
2,10,8	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust
2,10,9	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

2,11	SP15 Bedroom	
2,11,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
2,11,2	Wooden doors	Provide and replace the existing door and its frame by new solid red wooden door type or Beitech model wooden door type. Provide solid original "Laperche"; "TESA" or similar lock for the door.

2,11,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
2,11,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,11,5	Outlets	Provide and install 2 more new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \emptyset 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust

2,12	SP16 Bathroom	
2,12,1	Masonry/structure/tiling & fixtures	Provide and replace all the faucets and water control system on all the bathroom fixtures such as mixing faucets, control valves, flexible pipes as required for correct plumbing installation . BN: all the bathroom fixtures must be "ROCA" model type or similar. Provide in replace the lavatory sink mirror, light and socket. Provide and replace the shower tub trap access window. Provide tiling reparation and touchup after all the installation. The reparation tiling must be chosen in manner to fit the existing former tiling even if it's not exactly the same.
2,12,2	Wooden doors	Provide and replace the existing wooden door and its frames by new solid red wooden door (Beitech model wooden doors type or similar). Provide solid original "Laperche"; "TESA" or similar lock for the door.
2,12,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.

2,12,4	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ball valve to control each fixture.
2,12,5	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of the ceiling light fixture. Provide in and out light switches and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,12,6	Outlet	Provide and install 1 GFCI waterproofed outlet 30mA sensibility on top of the lavatory sink (1 outlet per sink). The outlet must be protected by a specific circuit breaker in the Westside downstairs panel. Grounding connection must be provided for light for the outlets according to electrical installation exhaust
2,12,7	Water heater	One heavy duty 80 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
2,12,8	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust
2,12,9	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats on the untitled walls. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

2,13	SP17 Back corridor II	
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2,13,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
2,13,2	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,13,3	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats on the untitled walls. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

2,14	Stairway	
2,14,1	Masonry/structure/tiling	Due to the damage level, the entire stairs must be removed and retiled by the contractor. The replacement tiling must be chosen in manner to fit the existing former tiling even if it's not exactly the same. Provide and install additional handrails on the side walls.
2,13,2	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each beginning and end of stairs way) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
2,13,3	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats on the untitled walls. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

3	MAIN BUILDING UPSTAIRS	
3,1	Hall way	

3,1,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,1,2	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,1,3	Outlets	Check and tighten solidly the existing outlets on the walls. The outlets conductors section must be \emptyset 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust

3,2	SP18 left bedrooms access	
3,2,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,2,2	Wooden doors	Provide and replace the existing door and its frame by new solid red wooden door type or Beitech model wooden door type. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,2,3	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,2,4	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats on the untitled walls. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

3,3,1	SP19 Room	
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3,3,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,3,2	Wooden doors	Provide and replace the existing 2 doors (left and right sides) and their frames by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,3,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,3,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,3,5	Outlets	Provide and install 4 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \emptyset 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
3,3,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be \emptyset 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,3,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,4	SP20 Bedroom 6 beds	
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3,4,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,4,2	Wooden doors	Provide and replace the existing 2 doors (left and right sides) and their frames by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,4,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,4,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,4,5	Outlets	Provide and install 6 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
3,4,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,4,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,5	SP21 Bathrooms	
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3,5,1	Masonry/structure/tiling	The existing bathroom needs to be redesigned and modify to make 2 separate bathrooms for each bed room. Contractor will open one interior wall to install a new door for the newly created bath room; construct a separation masonry wall as required with the necessary tiling to divide the former bathroom; remove tiling and all existing restroom broken fixture; provide and install toilets seats; lavatories and complete tubs and accessories according to the sketch and the indications provided by the COR.
3,5,2	Doors	Provide and install new doors according to the new design. The doors must be Beitech model type bathroom door or similar and approved by the COR before installation.
3,5,3	Aluminum windows	Provide and install new aluminum framed windows according to the new design and similar in quality as the existing windows of the whole residence. The windows must be approved by the COR before installation.
3,5,4	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ball valve to control each fixtures.
3,5,5	Lighting	Provide and install new lighting according to the bathrooms, toilets and lavatories design. That work includes rewiring and installation of new light fixtures. Provide light switches accordingly to control each room separately. Provide lighting on top of the 3 lavatories and 1 large mirror that can fit all the 3 lavatories together. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,5,6	Outlets	Provide and install 3 GFCI waterproofed outlets 30mA sensibility on top of the lavatory sinks (1 outlet per sink). The 3 outlets must be protected by a specific circuit breaker in the Westside downstairs panel. Grounding connection must be provided for light for the outlets according to electrical installation exhaust
3,5,7	Water heater	One heavy duty 50 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
3,5,8	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust

3,5,9	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.
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3,6	SP22 Bed room	
3,6,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,6,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,6,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,6,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,6,5	Outlets	Provide and install 2 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
3,6,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust

3,6,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
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3,7	SP23 Twins beds bathroom	
3,7,1	Masonry/structure/tiling	Contractor shall remove all existing fixtures; demolish all useless existing masonry and tiling; provide and install new floor tiling and walls tiling touchup; provide and install toilets seats; lavatories and complete tubs and accessories according to the sketch and the indications provided by the COR. At the end, the entire bath room fixtures and accessories must be provided and replaced.
3,7,2	Doors	Provide and install new doors according to the new design. The doors must be Beitech model type bathroom door or similar and approved by the COR before installation.
3,7,3	Aluminum windows	Provide and install new aluminum framed windows according to the new design and similar in quality as the existing windows of the whole residence. The windows must be approved by the COR before installation.
3,7,4	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ball valve to control each fixtures.
3,7,5	Lighting	Provide and install new lighting according to the bathrooms, toilets and lavatories design. That work includes rewiring and installation of new light fixtures. Provide light switches accordingly to control each room separately. Provide lighting on top of the 3 lavatories and 1 large mirror that can fit all the 3 lavatories together. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,7,6	Outlets	Provide and install 3 GFCI waterproofed outlets 30mA sensibility on top of the lavatory sinks (1 outlet per sink). The 3 outlets must be protected by a specific circuit breaker in the Westside downstairs panel. Grounding connection must be provided for light for the outlets according to electrical installation exhaust

3,7,7	Water heater	One heavy duty 50 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
3,7,8	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust
3,7,9	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

3,8	SP24 Bedroom	
3,8,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,8,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,8,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,8,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust

3,8,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust
3,8,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,8,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,9	SP25 2 Bedrooms access	
3,9,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,9,2	Wooden doors	Provide and replace the existing door and its frame by new solid red wooden door type or Beitech model wooden door type. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,9,3	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,9,4	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats on the untitled walls. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

3,10	SP26 Bedroom	
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3,10,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,10,2	Wooden doors	Provide and replace the existing door and its frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,10,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,10,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,10,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \varnothing 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust
3,10,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be \varnothing 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,10,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,11	SP27 2 bathrooms	
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3,11,1	Masonry/structure/tiling	The existing bathroom needs to be redesigned and modify to make 2 separate bathrooms for each bed room. Contractor will open one interior wall to install a new door for the newly created bath room; construct a separation masonry wall as required with the necessary tiling to divide the former bathroom; remove tiling and all existing restroom broken fixture; provide and install toilets seats; lavatories and complete tubs and accessories according to the sketch and the indications provided by the COR.
3,11,2	Doors	Provide and install new doors according to the new design. The doors must be Beitech model type bathroom door or similar and approved by the COR before installation.
3,11,3	Aluminum windows	Provide and install new aluminum framed windows according to the new design and similar in quality as the existing windows of the whole residence. The windows must be approved by the COR before installation.
3,11,4	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ball valve to control each fixture.
3,11,5	Lighting	Provide and install new lighting according to the bathrooms, toilets and lavatories design. That work includes rewiring and installation of new light fixtures. Provide light switches accordingly to control each room separately. Provide lighting on top of the 3 lavatories and 1 large mirror that can fit all the 3 lavatories together. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,11,6	Outlets	Provide and install 3 GFCI waterproofed outlets 30mA sensibility on top of the lavatory sinks (1 outlet per sink). The 3 outlets must be protected by a specific circuit breaker in the Westside downstairs panel. Grounding connection must be provided for light for the outlets according to electrical installation exhaust
3,11,7	Water heater	One heavy duty 50 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
3,11,8	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust

3,11,9	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.
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3,12	SP28 Bedroom	
3,12,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,12,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,12,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,12,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,12,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \emptyset 3x2.5mm² and according to electrical installation standards. All the outlets must be grounded according electrical installation exhaust
3,12,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be \emptyset 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,12,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,13	SP29 Dining room	
3,13,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,13,2	Wooden doors	Provide and replace the existing door and its frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,13,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,13,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,13,5	Outlets	Provide and install 6 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \varnothing 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according to electrical installation exhaust
3,13,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be \varnothing 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,13,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,14	SP30 Eastern corridor	
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3,14,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Remove the former existing panel and repair the wall with cement mortar finishing. Check all the tiling on the floor and repair or replace if some are broken.
3,14,2	Inside aluminum door	Remove the existing aluminum doors and. Replace it with new same design but stronger models (Beitech aluminum door type or similar). The glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,14,3	Aluminum window	Provide and install a fixed framed aluminum window on top of the exterior door. The frame must be the same design, material and model as the interior door. The purpose of that fixed window is to allowed daylight in the corridor.
3,14,4	Upstairs eastern electric panel	Provide and install one new electric panel in the corridor to hook up all the installation at eastern side of the building. The panel must be sized according international electrical installation standard.
3,14,5	Upstairs eastern electric panel breakers	Provide and install Power main disconnect breaker and all other branches breaker in the panel. Provide wiring for the circuit breaker. The different type of circuits must not be mixed together (lights, outlet, ACs, Appliances etc... must be in separate specific circuit). The breakers installation and wiring must meet international electrical installation standard.
3,14,6	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation exhaust
3,14,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,15	Kitchen	
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3,15,1	Masonry/structure/tiling	<p>Contractor shall construct masonry and tile kitchen counter on 3 sides of walls in order to transform the room in kitchen that will have 2 functional stoves at the same time. Provide and install kitchen counter top cabinets "BEITECH" model or similar and kitchen counter bottom cabinet doors built in the same materials as the counter top.</p> <p>Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found.</p> <p>Scratch and remove all useless plaster decoration on the walls. Remove the former existing panel and repair the wall with cement mortar finishing.</p> <p>Check all the existing tiling on the floor and repair or replace if some are broken. The counter tiling must be chosen in manner to fit the existing tiles even if it's not exactly the same.</p>
3,15,2	Wooden doors	<p>Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.</p>
3,15,3	Aluminum windows	<p>Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.</p>
3,15,4	Kitchen sink & stove installation.	<p>Contractor shall provide and install 2 double bac ceramic "ROCA TYPE" of kitchen sink: one at each left and right side walls. That work includes all necessary piping installation. (Hot, cold and drainage). Contractor shall provide and install all accessories for the sinks such as mixing faucets; flexible pipes water control valves, etc...</p> <p>Contractor shall provide and install 2 lines of butane gas pipes for the 2 future stoves and regulators provided by the US Embassy. Contractor will be in charge of the stoves installation.</p>
3,15,5	Lighting	<p>Replace the ceiling light fixture by 2 fluorescent waterproof lights 1.20 meter and 1 waterproof fluorescent light on top of each kitchen sink. The position of the light fixtures will be indicated by the COR.</p>
3,15,6	Outlets	<p>Provide and install 8 new waterproof outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust</p>

3,15,7	Exhaustt fan	Provide and install 2 kitchen exhaustt fan unit on top of each each stove.
3,15,8	Kitchen exhaustt fan conductors	Conductors Should be sized according to the load and the grounding should be connected properly.
3,15,9	Kitchen exhaustt fan connection	Should be connected alone and directly on a sub circuit breaker in the downstairs panel.
3,15,10	Kitchen exhaustt fan pipe	Provide and install exhaust pipes accordingly.
3,15,11	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,15,12	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,16	SP32 Bedroom	
3,16,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,16,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,16,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.

3,16,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,16,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust
3,16,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation.
3,16,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,17	SP33 Bedroom	
3,17,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,17,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,17,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.

3,17,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,17,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be \emptyset 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust
3,17,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be \emptyset 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,17,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,18	SP34 Corridor	
3,18,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,18,2	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,18,3	Outlets	Check and tighten solidly the existing outlets on the walls. The outlets conductors section must be \emptyset 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust
3,17,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,19	SP35 Laundry	
3,19,1	Masonry/structure/tiling	Contractor shall demolish, remove and dispose the entire existing tiling. Provide and install new ceramic type of tiling. The size and design of the new tiles can be different from the former one.
3,19,2	Piping	Provide all necessary piping installation to hookup 4 washers and 4 dryers in the room. That work includes cold, hot drainage and exhaust pipes etc... with all necessary accessories such as flexible pipes, water control valves, faucets etc...
3,19,3	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,19,4	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,19,5	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras), Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,19,6	Laundry panel	Provide and install a new specific panel for the laundry; The new panel must meet international electrical installation requirement and standard. Provide and install the power feeding line for the new panel from the main exterior panel. The cable section must be reference: U-1000 RVFV 5X16 mm2 or U-1000 RVFV 4X16 mm2 when the grounding wire is separated. Provide and install complete grounding for the panel (grounding wire and pole in a grounding pit). The complete panel installation must meet international electrical installation standards.
3,19,7	Luandry panel circuits breakers	All the breakers need to be provided according to the loads and the specific circuits. (Each laundry appliance must have its own circuit and circuit breaker) The new breakers must meet international electrical installation requirement and standard and be approved by the COR. BN: contractor must not use former breakers from the old panel that has been removed. New breakers must be provided.

3,19,8	Outlets	Provide and install 10 new outlets (wall sockets) due to number of appliances they are going to be used in the laundry. The outlets conductors section must be \varnothing 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust
3,19,9	Water heater	One heavy duty 50 gallons water heater will be provided by the Embassy. Installation works such as piping and electrical connections will be done by the contractor. Contractor will build a concrete stand 40x80x80cm to support the water heater at the exterior behind the bathrooms. All the hot water pipes appearing at the exterior must be protected with thermal proofed materials approved by the COR.
3,19,10	Water heater control receptacle	Provide and install a specific 32A circuit breaker in a box to control the water heater. The receptacle must be installed on one of the walls of the lavatories room and wiring conductor must be 3x4mm ² built in copper. Grounding connection must be provided according to the electrical installation exhaust
3,19,11	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
3,20	SP36 Storage	
3,20,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,20,2	Wooden doors	Provide and replace the existing door and its frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,20,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,20,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.

3,20,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust
3,20,6	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,20	SP37 Exterior room 1	
3,20,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,20,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,20,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,20,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,20,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust

3,20,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,20,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,21	SP38 Exterior room2	
3,21,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,21,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,21,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,21,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,21,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust

3,21,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,21,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,23	SP39 Exterior room3	
3,23,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,23,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,23,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,23,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,23,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust

3,23,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,23,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.
3,24	SP40 Exterior room4	
3,24,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,24,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,24,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,24,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,24,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust

3,24,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,24,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,25	SP41 Exterior room5	
3,25,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls. Check all the tiling on the floor and repair or replace if some are broken.
3,25,2	Wooden doors	Provide and replace the existing door and it frame by new solid red wooden doors Beitech model wooden doors type or similar. Provide solid original "Laperche"; "TESA" or similar lock for the door.
3,25,3	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,25,4	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each door of the corridor) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,25,5	Outlets	Provide and install 3 new outlets (wall sockets) in the room (distance between outlets must be at least 2.60 meters). The outlets conductors section must be Ø 3x2.5mm² and according to electrical installation standards. All the outlet must be grounded according electrical installation exhaust

3,25,6	AC control receptacle	Contractor will provide and install 1 new AC control receptacle "DISMATIC" type connected on a specific breaker directly from the eastern panel to hook up the future AC. (the AC will be provided and installed by the US Embassy). The AC power wiring conductors section must be Ø 3x4mm² and according to electrical installation standard. The AC must be grounded according to the electrical installation exhaust
3,25,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR.

3,26	Exterior Stairway	
3,26,1	Masonry/structure/tiling	Provide and install additional handrails on the side walls. Increase the height of the middle handrails 15 cm more.
3,26,2	Door	Provide and replace the roof top access metallic door.
3,26,3	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of light fixtures (candelabras). Provide in and out light switches (1 beside each beginning and end of stairs way) and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,26,4	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats on the untitled walls. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

3,27	2 Garages	
3,25,1	Masonry/structure/tiling	Check all vertical walls and ceiling plastering, repair and patch if cracks and holes are found. Scratch and remove all useless plaster decoration on the walls.
3,26,4	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future water painting. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

3,26	Security guards toilet	
2,10,1	Masonry/structure/tiling	Remove the existing toilet fixtures and tiling. Close the opening with masonry and retile the entire toilet. Provide and replace the fixtures with new complete toilet seat, bath tub and lavatory (including lavatory mirror and light) with all accessories such as mixing faucet, control valves, flexible pipes as required for correct plumbing installation . BN: all the bathroom fixtures must be "ROCA" model type or similar.
3,26,1	Aluminum windows	Provide maintenance and reparation for all existing aluminum windows. Provide and install new locks for all the windows. Replace the entire window with new same design but stronger framed model in case it is found completely broken. The windows glasses must be multicoated type. They must not collapse in many parts when breaking. The thickness must be at least 6mm.
3,26,2	Piping	Provide and install the entire piping (cold and hot water supply; different type of drainage and all accessories) for all the bathrooms fixtures; toilets; bathtub and lavatories. Provide single ball valve to control each fixture.
3,26,3	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of the ceiling light fixture. Provide in and out light switches and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,26,5	Water heater	Provide and install complete hot water heater 50 liters for the toilet.
3,26,6	Water heater control receptacle	Provide and install a specific 20A circuit breaker in a box to control the water heater. Grounding connection must be provided according to the electrical installation exhaust
3,26,7	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

3,27	Pump room	
3,27,1	Masonry/structure/tiling	Clean out the whole room; the surrounding space; remove the existing useless fixtures and provide masonry reparation on the walls and the floor. Construct a concrete stand 50x60x20 cm for the future water pump.

3,27,2	Door	Remove the existing broken door replace it with a new metallic door.
3,27,3	Lighting	Provide and replace the lighting installation. That work includes rewiring, replacement of the ceiling light fixture. Provide in and out light switches and connection to the electrical panel. Grounding connection must be provided for light fixtures according to electrical installation international standard.
3,27,4	Water pump control receptacle	Provide and install a specific 16A circuit breaker in a box to control the provided and install waterproof outlet for future water pump. Grounding connection must be provided according to the electrical installation exhaust
3,27,5	Painting	Provide and apply at least 2 coats of spackling materials to prepare the untitled vertical walls surfaces to receive the future 80% oil painting. The Spackled surfaces must be perfectly sanded before applying the 80% oil painting coats. Painting color will be decided by the COR. Apply acrylic painting for the ceiling.

4	POWER SUPPLY	
4,1	Somelec utilities	US Embassy will provide 250 Amps to replace the existing SOMELEC utility hook up cable and relocate the existing power meter and its main breaker. Contractor shall provide and install the new main power distribution panel and the main cable 4x25mm2 built in copper between the SOMELEC panel and the residence main power distribution panel.
4,2	Emergency power supply	1 Generator provided by the US Embassy. Contractor will be in charge of the installation. That work includes all masonry, mechanical, electrical works, items and materials as required.
4,3	Electric panels; network and grounding.	1 main distribution panels (beside the generator ATS); 6 subpanels (1 exterior; 1 downstairs; 1 upstairs and 1 kitchen and laundry. Contractor shall rebuild a complete grounding system network for the whole residence with at least 4 grounding poles install specific grounding concrete pits. The impedance of the grounding installation must not exceed 25 ohms ($Z \leq 25 \Omega$). The installation must be according international electrical installation standard. The size of the main grounding wire must be 25 mm2.
5	PLANS & DIAGRAMS	

5,1	Buildings floor plans	Survey the existing buildings and provide ground floor plan, 1st floor plan and all other constructed buildings plans on the compound. (Printed & electronic form)
5,2	Diagrams	Survey the existing electrical installation and provide 1 line diagram of electrical panels installed at the end of the make ready project. (printed & electronic form)

RSO PUNCH LIST

Type of Residence:

A. Windows/grilles:

1. Remove all the aluminum bars on the windows and replace them with metal grills
2. The two rooms at North-east and North-west on the second floor are the safe havens and the grilles need to be replaced and must have at least one window grill that can be opened from the inside for Emergency escape, ensuring that access to the release mechanism is not obstructed and cannot be accessed from the outside in the event the window is broken.
3. Grill the door in front of the balcony and ensure that it has the deadbolt.
4. Add peep hole to safe haven doors.

B. Walls:

1. Clean the side and the front wall of the residence from all the bushes
 1. All perimeter walls need to be raised to comply with the 9-foot rating
 2. Close the box or the hole on the front wall of the residence
 3. Raise 2m more the portion of the north wall against neighbor's building
 4. Install concertina wire on all perimeter walls, the northern wall needs concertina wire single strands added approximately 3 meters near the bordering structure.
 5. Prepare the roof egress

C. Anti-climb deterrents:

1. Anti-climb deterrents are needed on all of perimeter walls.

D. Doors:

1. Replace the two parking gates with substantial garage doors and install a peep hole on the street side man door.
2. All entrance doors to the residence must be substantial metal or armored doors and be single hinged or sufficiently reinforced (the main entrance door and the two emergency doors on the ground floor).
3. Street access door must also be of the same quality and be a substantial door with a peep hole. Single hinged.
4. Replace the roof access door with substantial metal or armored door with a peep hole.
5. Locks, to include throw-pin deadbolts on each door leading to the exterior including the roof access door must be installed.
6. Door viewers: Each bedroom door and door leading to the exterior of the residence must have a peep-hole installed. (to be completed by the RST)
7. Balcony/roof: Occupants need a means of egress off of the roof in case of emergency.

E. **Bedrooms/safe havens:** Ensure a substantial door and appropriate deadbolts and/or vertical sliding locks are installed on all bedroom doors (See D2), as well as emergency escape hatches for the window, (See A1) and safe haven door must have a peep hole.

F. Lighting:

1. Residence exterior: Install exterior lighting on all sides of the residence at least 10' feet above grade.
2. Perimeter exterior: Ensure front perimeter has sufficient exterior lighting above the main entrance and garage.

3. Install emergency light in the halls and the stairs ways

G. **SRWF:** ALL glass must have SRWF affixed. (To be completed by RSO Security Technician).

H. **Alarm:** Install approved residential alarm (to be completed by RSO Security Technician).

I. Camera

1. Install the camera system to cover all side of the residence

J. **Life/safety:** Install appropriate smoke detectors, CO2 detectors, fire extinguishers, escape mechanisms etc.

K. **Doorbell:** Install doorbells for interior/exterior use.

Concerns: RSO recommends the installation of bollards or anti-ram deterrents be installed on the west and south sides of the residence to provide additional stand off.

Surveyed by: ARSO Alimenti and RST Mawuena

Date: 03/28/2013

Title: RST

Comments: RSO must approve residence for compliance and reserves the right to compel any/all further improvements prior to occupancy.

RSO Signature _____ Approved 3/28/2013 by ALIMENTI _____

Date

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://www.arnet.gov/far> 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.gov/home.htm> to see the links to the FAR. You may also use a network "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)

<u>Clause</u>	<u>Title and Date</u>
52.209-6	Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (JUL 1995)
52.225-10	Notice of Buy American Act/Balance of Payments Program—Construction Materials (FEB 2000)
52.225-13	Restrictions on Certain Foreign Purchases (JUL 2000)
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 (FEB 1990)
52.228-13	Alternative Payment Protection (OCT 1997)
	A copy of the irrevocable letter is a part of this contract
52.229-6	Taxes - Foreign Fixed-Price Contracts (JAN 1991)
52.232-5	Payments under Fixed-Price Construction Contracts (APR 1989)
52.232-8	Discounts for Prompt Payment (MAY 1997)
52.232-11	Extras (APR 1984)
52.232-24	Prohibition of Assignment of Claims (JAN 1986)
52.232-33	Mandatory Information for Electronic Funds Transfer (AUG 1996)
	See attached text
52.232-27	Prompt Payment for Construction Contracts (MAR 2001)
52.232-34	Payment by Electronic Funds Transfer – Other than Central Contractor Registration (MAY 1999)
52.233-1	Disputes (DEC 1998) Alternate I (OCT 1995)
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 Alternate II (AUG 1987)
52.243-5	Changes and Changed Conditions (APR 1984)
52.245-4	Government-Furnished Property (Short Form) (APR 1984)
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) (SEP 1996) Alternate I (APR 1984)
52.249-10	Default (Fixed-Price Construction) (APR 1984)

52.244-6 Subcontracts for Commercial Items and Commercial Components (MAR 2001)

(a) Definitions. As used in this clause--

"Commercial item," has the meaning contained in the clause at 52.202-1, Definitions.

"Subcontract," includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)(1) The following clauses shall be flowed down to subcontracts for commercial items:

(i) 52.219-8, Utilization of Small Business Concerns (OCT 2000)(1 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000) for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (FEB 1999) (E.O. 11246).

(iii) 52.222-35, Affirmative Action for Disabled Veterans and Veterans of the Vietnam Era (APR 1998)(38 U.S.C. 4212(a)).

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).

(v) 52.247-64, Preference for Privately Owned U.S.-Flagged Commercial Vessels (JUN 2000)(46 U.S.C. 1241) (flow down not required for subcontracts awarded beginning May 1, 1996).

(2) While not required, the contractor may flow down to subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

The following clauses are set forth in full text:

DEPARTMENT OF STATE ACQUISITION REGULATION (DOSAR) CLAUSES

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The contractor warrants the following:

- (1) That it has obtained authorization to operate and do business in the country or countries in which this contract will be performed;
- (2) That it 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.

652.228-70 INDEMNIFICATION (JULY 1988)

The Contractor expressly agrees to indemnify and to save the Government, its officers, agents, servants, and employees harmless from and against any claim, loss, damages, injury, and liability, however caused, resulting from or arising out of the Contractor's fault or negligence in connection with the performance of work under this contract. Further, any negligence or alleged negligence of the Government, its officers, agents, servants, or employees, shall not bar a claim for indemnification unless the act or omission of the Government, its officers, agents, servants, or employees is the sole competent, and producing cause of such claim, loss, damages, injury, or liability.

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.