

Consultancy for assessment of existing Electrical and Water Services to the UN office at Banjul in The Gambia

Objective

The UN agencies with resident missions in Gambia are following UN organisations: FAO, UNDP, UNICEF, WFP, UNFPA and the WHO. Two other related institutions that operate under the ambit of the UNDP are the UNCDF and UNV. UNHCR also maintain a small staff to facilitate the authentication of refugees. The UN system in The Gambia is committed to promoting, supporting and participating in activities aimed at empowering the Gambians to develop their physical, human, natural and social capital for the achievement of sustainable human development.

There are several UN agencies housed at the UN house at Cape Point the Gambia. The compound has 2 structures that are currently in use by the various organisations.

The UN activities in The Gambia have grown considerably in the past years. This has led to the increase in staff and activities in the various offices. It is due to this fact that it has been deemed necessary to carry out the assessment of different aspects of the building.

Description of the assignment

The assessment of the existing Electrical systems in the UN house at Cape Point Bakau, The Gambia. The office is currently facing electrical issues with power surges and shorting being experienced from time to time. The assessment is therefore an exercise to be able to determine the cause of these issues, identify them and come up with recommendations on how they are going to be fixed. It should also be able to determine the load capacity for each of the offices and additional load (if any) required to support the power system.

The assessment of the existing water supply. This should include both clean and waste water assessment. At the moment, the number of people occupying the building has increased from the initial number and also the facilities which need access to water supply have increased especially with the current COVID-19 situation. The exercise is therefore to determine if the supply is sufficient, the capacity of the waste water structures and whether they are able to sustain the increase in numbers.

The assessment of the Fire detection and Health and Safety component of the structures.

Expected outputs

The following non-exhaustive list of outputs and learning activities are expected from this assignment:

LOT 1:

1. Assessment of the Electrical system at the UN office in Banjul
2. Drawings of the existing Electrical layout of the offices
3. Assessment of the fire detection system in the buildings
4. Recommendations on the works to be carried out
5. Drawings of proposed works
6. Technical specifications
7. Bill of Quantities for the sites

LOT 2:

1. Assessment of the Water supply
2. Assessment of the Wastewater system
3. Drawings of all the water connection points and drainage system
4. Recommendations on the works to be carried out
5. Drawings of proposed works
6. Technical specifications
7. Bill of Quantities for the sites

BIDDERS CAN BID FOR ONE OR TWO LOTS

Expected inputs from the Consultancy

- At least one qualified Electrical Engineer registered with the relevant registration body to carry out the assessment of the buildings and the wiring systems (Mandatory/required for Lot 1 only)
- At least one qualified Civil/Water Engineer (Mandatory/required for Lot 2 only)
- At least one Health, Safety, Security and Environment expert
- Transportation to and from the site;
- All the equipment and tools to be used in carrying out the set-out tasks
- All the drawings to be both in CAD and pdf;
- All works to be carried out with the consideration of all the Health and Safety requirements according to UN regulations.

UN inputs

- Provide any clearances needed and any authorisation necessary to carry out the work
- Act as a liaison between the Consultant and the Client with regards to the works going on or access
- Provide any information and clarifications needed by the Consultant

Deliverables

The scope of work of the consultancy include but not limited to the following:

1. Assessments on the UN building in Banjul
2. Recommendations on the works to be carried out to fix any faults.
3. Prepare drawings of the Electrical wiring/system as existing and proposed based on the designed recommendations (apply to Lot 1 only)
4. Prepare drawings of the flow of water network in the existing facility (apply to Lot 2 only)
5. Recommendation on Health and Safety protocols that can be incorporated into the building
6. Recommendation on any additional water structures that might be needed (apply to Lot 2 only)
7. Recommendations on any fire detection/prevention strategy that might be adapted
8. Prepare Technical specifications of works
9. Prepare a Bill of Quantities on the materials that will be required to carry out any of the recommendations.
10. Submit a report on all the works that will have been carried out.

Location and Venue

The assessment will be done on the UN building and the adjacent Annex which is situated at UN House, Cape Point, Bakau, The Gambia

Duration/timing

The Assessment is planned for a duration of one month.

Qualifications or specialised knowledge/experience required

LOT 1:

- A qualified Electrical Engineer should be part of the team (for Lot 1 only). Registered with the relevant Engineers body.
- At least a Bachelor's Degree in Electrical Engineering
- Accredited to be an Electrical Engineer
- Ten (10) years' experience in Electrical Engineering
- Verifiable track record of delivering on previous projects

LOT 2:

- A qualified Water Engineer should be part of the team (for Lot2 only).
- At least a Bachelor's Degree in water engineering/plumbing
- Accredited to be a plumber/wa
- Five (5) years' experience in plumbing
- Verifiable track record of delivering on previous projects
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Presentation of Proposals

For purposes of generating proposals whose contents are uniformly presented and to facilitate their comparative review, you are hereby requested to submit the following either for both lots (LOT 1 & 2) or one of the two lots separately (LOLT 1 or LOT 2) :

Technical Proposal:

- CV
- Cover/Motivational Letter
- Proposed methodology
- Past experiences in similar consultancies and/or projects
- List of professional referees

Financial Proposal:

- "All inclusive" professional fees for the duration of the assignment

Payment Schedule

70% payment upon completion of assessment of the buildings and the receipt of the report and the other requirements.

A final payment of **30%** shall be made after verification by the UN Review team and approval of report.

Please submit both technical and financial proposal to bids.gm@undp.org with a subject title: **Consultancy for Electrical and/or Water Services to the UN office at Banjul** before the deadline

Closing date for application is 2nd March 2021. Only short-listed applicants will be contacted.