

UNITED REPUBLIC OF TANZANIA

Zanzibar 132kV Backbone Transmission Infrastructure

Consulting Services for Owner's Engineer

Terms of Reference

1. BACKGROUND

The United Republic of Tanzania (URT) is union between Tanganyika (mainland Tanzania) and Zanzibar. The United Republic of Tanzania is a geographically large, diverse, and strategically important lower-middle-income country (LMIC) on the Indian Ocean. Out of 54 African countries, Tanzania is the 5th largest in terms of population, the 9th largest in terms of the size of economy (by gross domestic product [GDP] in US dollars), and the 13th largest in terms of geographical area. Solid income growth over two decades has led the country to reach LMIC status in July 2020.

Zanzibar is a semi-autonomous region of the United Republic of Tanzania. Zanzibar has its own legislative assembly, judicial system, and an executive headed by the President. The Zanzibar archipelago consists of two main islands, Unguja and Pemba. The two islands are located roughly 35 kilometers (km) off the coast of mainland Tanzania and are surrounded by a group of approximately 50 islets. As a result of high population growth rate (2.8 percent), Zanzibar's population was 1.6 million in 2019, with about 70 percent in Unguja and the rest in Pemba. Currently, over 60 percent of the inhabitants live in urban areas, and the population density is more than ten times higher than on mainland Tanzania and its urbanization rate is twice as much as the national average (33 percent). The United Republic of Tanzania has received financing from the World Bank toward financing of the Zanzibar energy Sector Transformation and Access Project (ZESTA). The implementation agency of the ZESTA project, the Zanzibar Electricity Corporation (ZECO), intends to use part of the proceeds of the financing to fund consulting services for the management and supervision of construction (Owner's Engineer) for the proposed 132kV Backbone Transmission Infrastructure investments that are also financed under ZESTA.

2. OBJECTIVES OF THE 132KV BACKBONE TRANSMISSION INFRASTRUCTURE

The proposed 132kV Backbone Transmission investments are aimed at providing reliable transmission capacity from the south (Makunduchi) to the north (Matemwe) of Unguja (largest island of Zanzibar) to facilitate reliable power transmission and distribution and evacuation of future power generation projects on the island.

3. DESCRIPTION OF THE 132KV BACKBONE TRANSMISSION INVESTMENTS

The proposed 132kV Backbone Transmission investments will construct the 132kV south-north power transmission infrastructure on the island of Unguja. The proposed backbone transmission investments will comprise of two works packages as follows:

3.1. Package 1: Construction of the proposed 132kV overhead transmission line works

Package 1 will involve the construction of the 132kV overhead transmission lines that will form part of the proposed 132kV backbone infrastructure and will comprise:

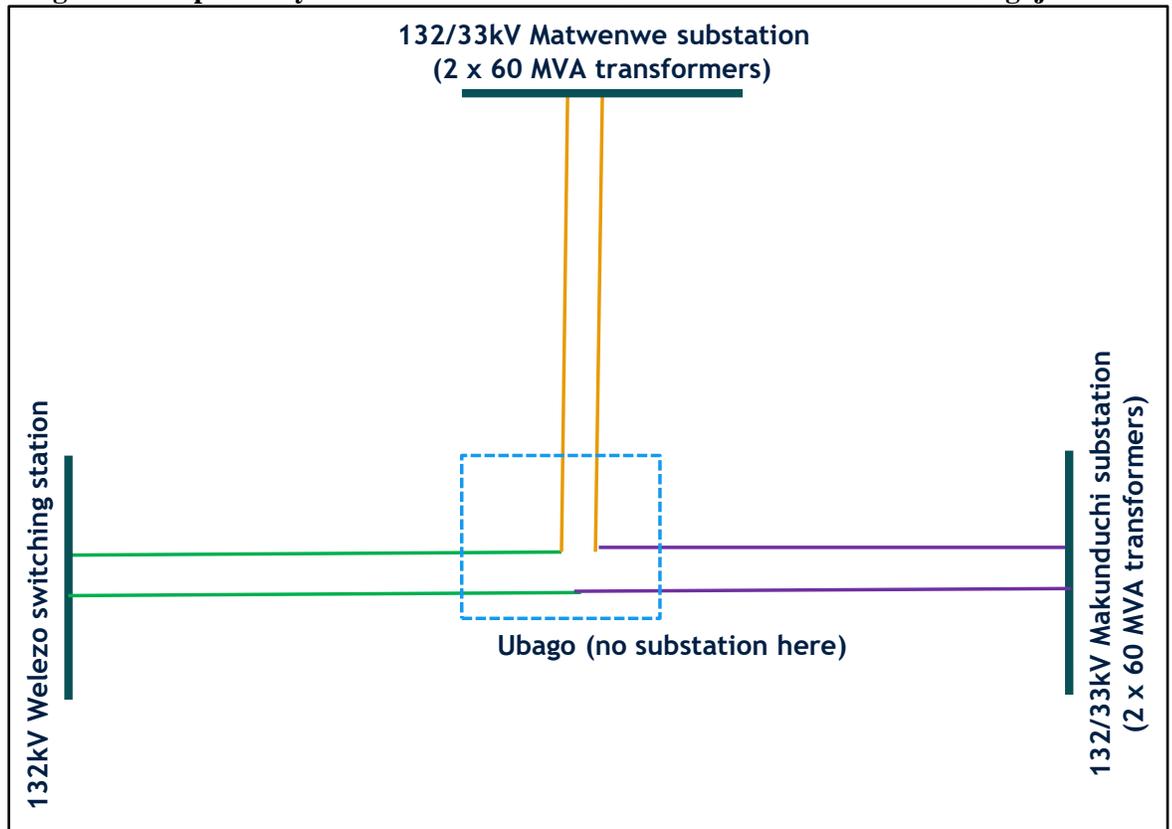
- i. Construction of an approximately 55 km 132kV double-circuit transmission line (stringing one circuit using 132 kV double circuit tower) between Welezo switching station and Makunduchi substation. This line will go through an appropriately designed 132kV

transmission line termination tower (breaking point) at Ubago to facilitate the interfacing of this line with the 132kV double-circuit transmission line to Matemwe substation.

- ii. Construction of an approximately 50km 132kV double-circuit transmission line between Ubago termination point/tower and Matemwe substation.
- iii. Replacement of approximately 10km of 33kV overhead transmission line between Welezo and Ubago breaking point to make way for the proposed 132kV transmission line.

The proposed transmission line infrastructure will create a ring as outlined in Figure 1 below.

Figure 1: Proposed layout of the backbone transmission line investments in Unguja



3.2. Package 2: Construction of the proposed 132kV backbone transmission substations

Package 2 will involve the construction of the 132kV backbone transmission substations that will form part of the proposed 132kV backbone infrastructure and will comprise:

- i. Construction of the proposed 2 x 60MVA 132/33kV Makunduchi substation.
- ii. Construction of the proposed 2 x 60MVA 132/33kV Matemwe substation.
- iii. Construction of the proposed six-bay 132kV Welezo Switching station and the necessary refurbishment works at the 132kV Mtoni substation and Ras Fumba landing station.
- iv. Construction of the required short 33kV interconnectors to integrate the 132/33kV substations at Makunduchi and Matemwe to the existing nearby 33kV network.

4. LOCATION OF PROPOSED WORKS AND PROJECT EXECUTING AGENCY

The site of the proposed project is located in Unguja Island, Zanzibar and will be implemented by the Zanzibar Electricity Corporation (ZECO).

5. OBJECTIVES OF THE CONSULTANCY ASSIGNMENT

The main objective of the consultancy assignment is to provide project managerial and construction supervision support to the ZECO to ensure timely and successful implementation of the proposed 132kV backbone transmission infrastructure works in Unguja, Zanzibar and to provide the necessary post construction support during the defects liability period. The design of the works packages including preparation of the bidding documents has already been carried out by others under a separate contract. The selected consulting firm will therefore be required to:

- (a) Review the feasibility study reports, design reports, bidding documents, and other relevant study reports related to the proposed investments to familiarize with the project scope, site conditions, contract requirements and applicable standards, etc.
- (b) Support ZECO in Pre-Award Contract Negotiations and preparation of contracts documents
- (c) Assist ZECO with the required engineering design review, project management, and construction supervision of the transmission lines and substations packages of the proposed 132kV backbone transmission infrastructure in Unguja.
- (d) Support ZECO with the construction supervision and monitoring support of any post construction activities that may be required during the Defects Liability Period.; and
- (e) Provide on-the-job training and capacity to the ZECO's counterpart staff during the execution of the assignment.

To achieve these objectives, the work will be divided into three corresponding phases as follows.

- (i) Phase I: Pre-construction (Project familiarization phase and procurement support);
- (ii) Phase II: Construction supervision and contract management; and
- (iii) Phase III: Post construction (Defects Liability Period)

6. SCOPE OF THE CONSULTANCY SERVICES

6.1. Phase I: Pre-construction (Project familiarization and procurement support phase):

The Consultant shall be required to review relevant project documents and familiarize with the project scope and project sites; and participate in the negotiations, preparation and finalization of the contracts, and project kick off meetings with the selected contractors. The Consultant's specific tasks for this phase will include, among others:

1. Reviewing of all relevant existing reports and procurement documents for the project to familiarize with scope of works, engineering design, specifications, and contract requirements for each works package.
2. Carrying out the necessary site visits to familiarize with the transmission line routes, substations sites, and relevant environmental and social safeguards aspects that require attention during project implementation.
3. Preparing a Construction Supervision Manual that delineates a consistent, comprehensive, and uniform system of quality assurance and quality control, monitoring and reporting on health and safety and other environmental and social safeguards issues for the proposed backbone transmission works, including but not limited to checks and reviews that will be

- enforced during construction to ensure the highest standards of quality.
4. Following up on implementation of Resettlement Action Plan -RAP (to be supervised by the RAP Implementation Consultant) that will be ongoing in parallel to this assignment.
 5. Familiarizing with ZECO's (or Tanzania's) standard requirements for labelling and nomenclature for power system primary and secondary equipment, including telecommunication and SCADA systems.
 6. Familiarization with the Employer's training requirements in the form of on-the-job-training as well as conventional training at each phase of the deliverables throughout the project according to the details in the construction contractors' contract documents.
 7. Organizing and presiding over the project kick-off meeting, handing over of the project sites to the contractors, and preparing the minutes meetings and other associated documents in collaboration with ZECO

6.2. Phase II: Construction supervision and contractor management

The consultant shall be responsible for project monitoring, construction supervision, review of the contractor's detailed engineering designs, and regular reporting to ZECO. This shall include the monitoring and reporting environmental and social aspects of the proposed 132kV backbone transmission infrastructure works, key amongst this being the Environmental and Social Management Plan (ESMP).

The Consultant shall support ZECO towards realizing the proposed investments timely, in a cost-effective manner, and as per the relevant standards and specifications in the contracts. The Consultant's responsibilities shall include, among others, the following:

6.2.1. Task 1: Project and contract management/administration

1. Assisting ZECO with the reviews and approvals of the engineering designs for the various project components submitted by the contractors,
2. Preparing a detailed (master) implementation schedule (DIS) for the project with estimates of implementation timeframes and projected costs for individual project packages and at the overall project level.
3. Reviewing and approving contractors' schedules for equipment supply and installation and witnessing of factory inspection tests.
4. Reviewing contractors' invoices and issuing payment certificates for supply and installation activities as per the contracts.
5. Supporting the Employer prior to the formal handing over of project sites to the contractors by reviewing and confirming that the requisite environmental and social safeguards requirements have been addressed e.g., compensation payments to project affected persons (PAPs) have been completed as per the RAP and that other relevant mitigation measures for identified safeguards impacts have been established as per the ESMP and the environmental and Social Impact Assessment (ESIA).
6. Carrying out the relevant contract management responsibilities including reviewing of and recommendation of approvals for any proposed contract amendments/variation orders.
7. Assisting ZECO is assessing the capacity and appropriateness of sub-contractors that the main contractors may recommend engaging.

8. Preparing and updating the project's risk analysis matrix throughout the project implementation timeframe.
9. Organizing and presiding over both regular and ad hoc site meetings, preparing minutes of the site meetings, and distributing the approved minutes to all relevant parties.
10. Reviewing works progress against the baseline schedule and working closely with the contractors to address any identified delays or changes that could jeopardize successful completion of the works.
11. Assisting ZECO in addressing any contractual disputes that may arise by furnishing and summarizing relevant contractual documents and performance records that may be required.
12. Informing ZECO of any potential problems that may have a negative impact on the completion and operation of the proposed project works as they arise and making recommendations on possible mitigation measures.
13. Issuing the necessary design and installation instructions to the contractors as may be needed from time-to-time.
14. Ensuring that the contractors, any domestic or nominated sub-contractors, or visitors to the site adhere to local health, safety and environmental (HSE) laws and regulations.
15. Depending on the activity on site, ensure that the site and persons are provided with (i) the necessary personal protective equipment (PPE) and that adequate safety measures are implemented, including: issuance of safety helmets, boots, gloves, goggles; implementation of guard rails, safety equipment, and necessary site signs and hazard warnings; (ii) Gender segregated sanitary facilities, (iii) HIV/AIDS, sexual harassment, and gender based violence (GBV) awareness and sensitization, and (iv) preparation and implementation of site plans that clearly delineates storage areas, access areas, walkways, and site offices, from construction areas; and provision of adequate first aid equipment on site.
16. Ensuring that the project sites and associated facilities such as storage yards and contractors' camps are decommissioned as per the agreed contractors' decommissioning plans in the ESMP.
17. Participating Factory Acceptance Tests (FAT) for main items of equipment (i.e. power transformer, circuit breakers, measuring transformers, protection and control panels, SCADA, telecom equipment, underground cables, overhead power conductors, steel towers, insulators) at contractor/suppliers factories in collaboration with the Client and providing coordination with contractors and the client prior to and during. The Consultant shall state in his proposal day rates for FAT to be witnessed in different geographical areas i) in Europe, ii) in Africa and iii) in Asian countries. Such rates shall include remuneration, hotel accommodation, air and ground travel as well as miscellaneous travel cost. It shall be assumed that there will be an average of five (5) FAT days excluding travel days per each one of the Contracts.
18. Conducting post shipment material quality inspection audits prior to acceptance of the project materials and equipment on site.
19. Preparing monthly and quarterly progress reports and any other reports according to Client's requirements for the works.

6.2.2. Task 2: Commissioning and handing over of the project to the Employer

1. Preparing and conducting final inspection together with the ZECO's representative before formal handover to ZECO.
2. Organizing the pre-commissioning and commissioning tests in consultation with the contractor/s, participate at such tests and submit reports and results, including any follow up actions, to ZECO in approved pre-agreed test sheets .
3. Preparing the defects list and issuing defects notification, test the works and installations and receive from the contractor the operating and maintenance manuals and all as-built drawings. A complete set of "As-Built" drawings shall be submitted to ZECO within three months from the project handover date.
4. Reviewing and providing comments on the as-built drawings before submission, approval, and acceptance by the ZECO.
5. Ensuring that project sites and support facilities such as storage yards and contractors' camps are restored and decommissioned in line with the contractors' decommissioning plans.
6. Carrying out final environmental and social audits to ensure that no environmental liabilities are left behind by the Contractors. Prepare an environmental and social Preparing a Project Completion Report (PCR) at the end of the construction works.

6.3. Phase III: Post-construction/defects liability period

The Consultant shall provide the necessary support to ZECO to supervise the rectification of snags during the defects liability period. This support shall require the Consultant to conduct interim visits and inspections for testing and commissioning of remedial works for any identified works defects.

The Consultant shall prepare and issue completion certificates, defects correction certificates, and final payment certificate to signify full completion of the works in accordance with the relevant contract provisions.

6.3.1. Final accounts

The Consultant shall prepare two separate final accounts for ZECO's approval as follows:

1. The final account for the construction contract prepared soon after issue of defects correction certificate and issued to all parties for agreement.
2. The project final report, acceptance whereof will signify the end of the Consultant's assignment on the consultancy contract.

6.3.2. Managing contract closure activities

In addition to the specific responsibilities set out above, the Consultant shall support the Employer with the project's contract closure activities as follows:

1. Establishing and agreeing with ZECO the criteria to be used for confirming completion of the contracts (tasks finished, deliverables finished, testing completed, training requirements completed,

equipment installed, tested and operating, operation and maintenance manuals submitted, site rehabilitation, etc.).

2. Following up ZECO to nominate a representative for to signing the project completion report and confirming ZECO's officers who will be involved in each step of the acceptance process and the post-construction activities.
3. Convening and presiding over a contract-closing meeting attended by ZECO, contractors, and relevant stakeholders during which the draft project completion report will be presented.
4. Carrying out a post-contract evaluation of the works to establish the lessons learnt, achievements, the processes undertaken and the management of the contract and prepare and submit a final report.

7. PROJECT DELIVERABLES AND REPORTING REQUIREMENTS

The Consultant shall be required to submit the following reports to the Employer:

Report/Deliverable	Description of the deliverables
Inception Report	The Inception Report will summarize the consultant's understanding of the assignment and methodology for fulfilling the requirements of the assignment. The Inception Report will shall include an updated work plan and schedule, quality assurance manual, supervision and reporting mechanisms, resource planning and allocation strategy, and strategy for communication with the Employer and relevant project stakeholders.
Monthly progress reports	Status of different works packages and progress achieved over the reporting period. This after five (5) working days from the end of each reporting month.
Quarterly progress reports	Status of different works packages and progress achieved over the reporting period. This will be submitted fifteen (15) days for the end of each reporting quarter.
Ad hoc Reports	Ad hoc reports will be prepared following accidents/incidents that require and investigation. The maximum period for submitting an ad hoc investigation report shall be 14 days from date of the incident.
Draft Project Completion Report	This will contain the relevant project description, design and completion information, commissioning findings and recommendations, pending snags, and hand over certificates. The Draft Project Completion Report will be submitted ten (10) working days after completion of the project works
Final Project Completion Report	This will contain the relevant project description, design and completion information, commissioning findings and recommendations, pending snags, and hand over certificates. The Final Project Completion Report will be submitted four (4) weeks after receipt of comments on the Draft Project Completion Report from the Employer

8. PROJECT SCHEDULE

The Project is expected to take about twenty-five (25) calendar months from the date of contract effectiveness, as outlined below:

1. Two (2) months- Review pertinent existing reports e.g., feasibility study, ESIA report, line route and designs and specifications, visit the sites, contract negotiations, and contract document preparation.
2. Twenty-three (23) months – Management and supervision of detailed designs, manufacturing, delivery of equipment to site, installation and erection of plant, and testing and commissioning of plant (construction supervision phase).
3. One (1) month – review and approval of all post construction activities including “As-Built” drawings, reconciliation of invoices, claims and payments, preparation of project completion report.
4. Twelve (12) months defects liability period after project handover during which the contractors will make good any pending snags its own cost. The Consultant shall provide the necessary testing and verification support as required in the contract.

Pre- construction phase

Item	Activity Description	Duration (months)	Cumulative (months)
1.	Review project documents, site visits, submit review report	0.75	0.75
2.	Participate in contract negotiations, document preparation and contracts award	1.25	2.0

Construction Supervision phase

Item	Activity	Duration (months)	Start	Finish
1	Effective Date of EPC Contract(s)	0	Month 0	Month 0
2	Kick off meetings for EPC Contractor(s)	0	Month 0	Month 0
3	Mobilization of contractor (s)	2	Month 0	Month 2
4	Preparation of project schedules	1	Month 2	Month 2
5	Review and Approval of contractor’s designs	6	Month 3	Month 8
6	Manufacture of equipment	10	Month 4	Month 13
7	Supply and delivery of equipment to site	9	Month 8	Month 16
8	Plant installation and erection	18	Month 3	Month 20
9	Site testing, commissioning, and handover	3	Month 21	Month 23
Summary of contract				23
10	Project Closure activities including as-built drawings verification, reconciliation of invoices and payments, preparation of project completion report.	1	Month 24	Month 24

Post- Construction Phase

12	Defect Liability Period. Supervise the rectification of snags and any provide the necessary assistance to ZECO.	12	Month 24	Month 36
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9. REQUIRED COMPETENCES OF THE CONSULTANT

The consultant shall be a firm of proven experience in the design and construction supervision of high voltage transmission lines and substations and shall meet the following requirements:

1. At least 10 years’ experience in the design and construction supervision of high voltage transmission lines and substations
2. Specific experience of at least five (5) projects relevant to these assignments (high voltage transmission lines and substations at 132 kV and above) in the last 10 years.
3. Presence of skills in the areas of (i) High voltage substation design and construction supervision, (ii) High voltage transmission line design and construction supervision, (iii) transmission system protection, control, and operational communication, (iv) management of environmental and social safeguards for high voltage electricity transmission projects; and (v) project and contract management
4. Experience in at least one (1) developing country with similar conditions to Tanzania will be an added advantage.

The Consultant shall provide all personnel necessary for the successful completion of the assignment, including the required support during the defects liability period that will follow commissioning and handover of the works to the Client. The required list of key experts is provided below, but it is recognized that the Consultant shall make available all the required expertise to enable successful completion of the assignment.

9.1. Key experts required for the assignment

#	Position	Required Qualifications
1.	Project Director	<ul style="list-style-type: none"> ▪ 12 years of relevant practical experience in directing projects of similar scope and nature. ▪ Minimum of an M.Sc. Degree in Electrical/Civil Engineering or equivalent ▪ Demonstrable experience of directing at least three (3) projects of similar nature and scope that were/are financed by Development Financial Institutions (DFIs). ▪ Demonstrable experience in team management and resource management, with excellent communication skills in the English language, both written and verbal and a high sense of organization to ensure required results are met.
2.	Project Manager	<ul style="list-style-type: none"> ▪ 15 years’ experience in Project Management of similar projects

		<ul style="list-style-type: none"> ▪ Minimum of a Bachelor's Degree in Electrical Engineering or Civil Engineering with good working knowledge of all relevant engineering fields that fall within the project scope. ▪ Accreditation to a reputable engineering institution ▪ The Project Manager shall have managed at least three (3) projects of similar nature and scope in the last 10 years S/he should have managed at least two (2) of a similar nature, and complexity international supply and installation contracts financed by Development Financial Institutions (DFIs). ▪ Demonstrable experience in team management and resource management, with excellent communication skills in the English language, both written and verbal and a high sense of organization to ensure required results are met. ▪ The Project Manager/Team Leader will be stationed in Unguja, Zanzibar and will be required to travel to the sub project sites during required phases of design
3.	High Voltage Transmission Lines Expert	<ul style="list-style-type: none"> ▪ A minimum of 10 years' experience in high voltage overhead transmission line design (132 kV and above) ▪ Minimum of a Bachelor's Degree or equivalent in Electrical, Mechanical or Civil Engineering ▪ The transmission lines expert shall have worked on at least three (3) projects of similar nature and magnitude in the last ten (10) years
4.	High Voltage Substations Expert	<ul style="list-style-type: none"> ▪ A minimum of 10 years' experience in substation design and construction ▪ Minimum of a Bachelor's Degree or equivalent in Electrical Engineering with good working knowledge of substation design, operation, and maintenance at 132kV voltage and above. ▪ The substation expert shall have worked on at least three (3) projects of similar nature and scope in the last ten (10) years.
5.	Power System Protection and Control Expert	<ul style="list-style-type: none"> ▪ Minimum of 10 years' experience in the design of protection and control systems for high voltage power networks (lines and substations) at 132kV voltage and above. ▪ Minimum of a Bachelor's Degree or equivalent in Electrical Engineering with adequate knowledge of protection and control systems. ▪ The Power System protection expert shall have worked on at least three (3) projects of similar nature and scope in the last ten (10) years.

6.	SCADA and Communications Expert	<ul style="list-style-type: none"> ▪ Minimum of 10 years' experience in the design and operation of SCADA and communication systems for high voltage power networks (lines and substations) at 132kV voltage and above. ▪ Minimum of a Bachelor's Degree or equivalent in Electrical/Electronics/Communications Engineering with adequate knowledge of power system SCADA and communication systems. ▪ The Power System communication and SCADA/ Communication Expert shall have worked on at least three (3) projects of similar nature and scope in the last ten (10) years.
7.	Resident Civil Engineer (2) One for transmission line and one for substation	<ul style="list-style-type: none"> ▪ A minimum of 10 years' experience in design and construction supervision of civil works for high voltage transmission lines and substations ▪ Minimum of a Bachelor's degree in Civil Engineering. ▪ The Civil Engineer shall be resident in Unguja during the entire construction phase of the proposed 132kV backbone transmission infrastructure and shall provide the required support to the substation and transmission line experts. His/her experience should include steel structure design, quality control, full scale structure testing, design of tower foundations and electrical apparatus foundations.
8.	Health, Safety and Environment Expert	<ul style="list-style-type: none"> ▪ Minimum of a Bachelor's Degree in Environmental Sciences or equivalent ▪ Relevant experience working on projects as HSE expert or officer. ▪ Will be required to consider general environmental conditions such as biodiversity, socioeconomics, air, water, soil, topography, geology, drainage, and hydrological issues. ▪ The particular role for this specialist will be to enforce HSE requirements, evaluate general environmental issues in the physical and biological environment including potential impacts. ▪ Will coordinate the implementation of the Social and Environmental Action Plan (SEAP) by the Contractors
9.	Resettlement/Social Development Expert	<ul style="list-style-type: none"> ▪ Minimum of a Bachelor's Degree in Social Sciences or equivalent ▪ Should have at least 5 years of work experience in handling social issues (including gender, GBV, child protection issues, land acquisition and resettlement) of large-scale infrastructure projects, and be familiar with the social safeguards policies of the World Bank and implementation of the safeguards in World Bank financed projects ▪ Will coordinate the implementation of the Social and Environmental Action Plan (SEAP) by the Contractors
10.	Site Supervisor for OHTL (2)	<ul style="list-style-type: none"> ▪ He/ She should have a degree in Electrical/Civil or Mechanical Engineering from a recognized university. ▪ The Site Supervisor for Transmission Line should have at least Eight (8) years of experience in supervising works related to updating, construction and rehabilitation of high voltage transmission lines of the same nature and complexity compared to

		<p>this assignment.</p> <ul style="list-style-type: none"> ▪ S/he should have experience on at least three (3) similar projects. ▪ Shall be deployed full time in Unguja during the supervision phase of the project
11.	Site Supervisor for Substations (2)	<ul style="list-style-type: none"> ▪ He/she should have at least a BSc. Degree in Electrical Engineering. ▪ The Site Substation Supervisor should be an electrical engineer with not less than Eight (8) years of experience in supervising works related to updating, construction and rehabilitation of high voltage substations. ▪ S/he should have experience in at least three (3) similar projects ▪ Shall be deployed full time in Unguja during the supervision phase of the project

9.2. Estimated level of effort for the key experts

The envisaged input of the Consultant is 204 man-months. However, this level of effort is only indicative and not binding and, as such, the Bidders are required to derive the necessary level of effort as per the proposed methodology.

#	Key Expert	No	Total Person- Months		
			Home office	Field Office	Total
1	Project Director	1	0.5	0.5	1
2	Project Manager/Team Leader	1	1	22	23
3	High Voltage Transmission Lines Engineer	1	2	11	13
4	High Voltage Substations Engineer	1	3	12	15
6	Power System Protection and Control Engineer	1	2	6	8
7	SCADA and Communications Engineer	1	2	6	8
8	Resident Civil Engineer	2	3	14	34
8	Health Safety and Environmental Expert	1	0	16	16
9	Resettlement/Social Development Expert	1	0	20	20
10	Site Supervisor for Transmission Line Works	2	0	16	32
11	Site Supervisor for Substation Works	2	0	16	32
Total Person-month			13.5	190.5	204

10. EMPLOYERS' INPUTS

- (a) The Employers shall nominate a Project Manager who shall work closely with the Consultant and make the relevant day-to-day decisions required during project implementation. The Project Manager shall co-ordinate all the activities connected with the project and shall be the main link between the Consultant and ZECO.
- (b) The Employer shall furnish the Consultant with all available reports from relevant project studies maps, transmission network design standards and nomenclature, project designs and tender documents, drawings and other supporting documents pertinent to the proposed services.
- (c) The Employer will provide a project team that shall work with the Consultant and assist the Consultant to acquire data and information from local authorities and other key stakeholders.
- (d) During execution of the construction works, the Contractor shall provide two (2) new 4WD vehicles including driver, fuel and maintenance for the sole use of the Consultant for project during the execution of the assignment.