

# UGANDA NATIONAL OIL COMPANY LIMITED



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KAMPALA;  
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Web site: [www.unoc.co.ug](http://www.unoc.co.ug)

## **EXPRESSION OF INTEREST TO UNDERTAKE AN ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT FOR THE KABAAL INDUSTRIAL PARK (KIP).**

### **1 INTRODUCTION**

Uganda National Oil Company Limited (UNOC) is requesting for Expressions of Interest (EOI) to undertake an Environmental and Social Impact Assessment for The Kabaale Industrial Park (KIP).

The Government of Uganda through the Ministry of Energy and Mineral Development (MEMD) acquired 29.57 km<sup>2</sup> of land for development of an Industrial Park in Buseruka Sub-County in the District of Hoima.

The Park will host the Refinery, an International Airport, upstream crude oil export hub, Midstream Heavy industries (Polymer, Fertilizer), support infrastructure (water treatment plant, waste water treatment plant, Electric power plant, storage tanks, warehouses and access roads), Free Trade Zone among others.

UNOC is therefore desirous of engaging the services of qualified firm/Consortium of Firms to offer Environmental and Social Impact Assessment services.

### **2 PURPOSE**

This request for EOI will assist Uganda National Oil Company Limited to identify capable and experienced firms to provide Environmental and Social Impact Assessment services.

The firm/Consortium of Firms will undertake an ESIA that complies with National Legislation and conforms to the World Bank Environmental and Social Framework, IFC Environmental and Social Performance Standard and the Equator Principles. It is worth noting that The Petroleum (refining, conversion, transmission and midstream storage) (national content) Regulations, 2016, require “Environmental Studies and Impact Assessment” to be carried out by Ugandan companies and Ugandan citizens’ registered entities, as defined under the same regulations. It is important to read [https://pau.go.ug/uploads/Gazetted\\_Midstream\\_National\\_Content\\_Regulations.pdf](https://pau.go.ug/uploads/Gazetted_Midstream_National_Content_Regulations.pdf) and comply with the requirements therein as part of responding to this EOI.

### **3 SPECIFIC OBJECTIVES**

The aim of this ESIA is to draw up a framework to ensure that environmental and social impacts of the planned Kabaale Industrial Park are identified and measures to address them outlined. The following

specific objectives will be addressed:

- i. Review all previous studies for the KIP and surrounding areas to collate all baseline data on physical, biological and socio-economic setting of the development area to conduct an evaluation of the state of its Environment.
- ii. Conduct surveys to update the baseline data on physical, biological and socio-economic setting of the development area
- iii. Review national, regional and international policy, legal and administrative framework relevant to the development including the bills and their attendant regulations;
- iv. Review the World Bank Environmental and Social Framework, IFC Environmental and Social Performance Standard, the Equator Principles and United Nations Guiding Principles for Business and Human Rights, identifying the applicable areas.
- v. To consult relevant stakeholders, including potentially affected persons and document their concerns regarding the proposed development.
- vi. To identify and assess the positive and negative significant environmental and social impacts and provide a set of recommendations for the avoidance and/or minimization of the negative impacts and maximization of the positive impacts.
- vii. Identify, describe and geo-reference ecosystems whose (ecosystem services) may be impacted upon and propose mitigation measures which may include biodiversity off sets.
- viii. To prepare an Environmental and Social Impact Statement (ESIS)
- ix. Develop an Environmental and Social Management and Monitoring Plan to guide environmental management during development of the park. The plan shall consist of the required actions, the entity responsible for the action, the timelines, indicators and cost estimates.
- x. Provide a set of recommendations for the project design to avoid and/or minimize the negative impacts and maximize the positive impacts of the project.

## **4 SCOPE OF ASSIGNMENT**

### **4.1 Interpretation of the Master Plan**

Provide a comprehensive description of the project and its surrounding environment, including project objectives, and information on the nature, location, existing setting, timing, general layout and size of the facility. Pre-construction activities, construction activities and methods, works and post construction plans will also be described in detail.

A description of raw materials inputs, technology and processes to be used as well as products and by-products generated will be provided.

### **4.2 Description of the Area Environment**

The Consultants shall review the Environmental Baseline Study undertaken in 2013, identify gaps and address them. In addition, the Consultant shall describe the area environment as detailed below:

#### **4.2.1 Physical Environment**

This task involves the generation of baseline data that will be used to describe the KIP area, and the study area/geographical boundaries, methodology to be used for baseline and other data will be described in detail.

The physical environment, including the topography and soils, aesthetic values, geology of the area, climate and meteorology, ambient air quality, surface and ground water hydrology, existing water pollution discharges,

and receiving water quality (nearby streams, springs and ponds) will be described. Any existing sources of pollution and how they are likely to impact on the area are to be identified and evaluated by the Consultant.

#### **4.2.2 Biological Environment**

This is to include; the flora and fauna, sensitive habitats, rare or endangered species, species of commercial importance, species of medicinal and/or cultural importance will be described in detail. Special attention will be attached to protected/gazetted areas and other ecologically-sensitive areas that are within the vicinity that could be affected by the development i.e. to include but not limited to Kabwoya Game Reserve, Bugoma Forest, Wambabya Forest, wetlands.

### **4.3 Socio Economic Assessment**

A social assessment was completed as part of the Environment and Social Baseline and the initial findings and baseline could be used by the consultant to update the social assessment. The updated social assessment will describe the current social and economic situation and possible impacts of the proposed project on directly- and indirectly-affected communities.

The Consultant will develop a robust sampling base of at least 20% of affected population and entities to provide a contemporary baseline needed for evaluation of impacts and, if required, measures to be carried out to mitigate negative impacts and to enhance positive impacts and opportunities. The assessment will be fully gender informed as the household surveys will be based on roughly equal numbers of man and women, separate woman focus groups will be organized and specific questions related to development problems and priorities for women will be integrated into the questionnaire.

The assessment will focus on social aspects including:

#### **4.3.1 In-migration**

The development of the KIP is mostly likely to cause in-migration of people in search of employment and business opportunities. The Consultant shall assess the likely impacts including social ills and overwhelming of social amenities.

#### **4.3.2 Historical and Cultural Resources**

The area is bound to have physical cultural resources of importance due to its rich history. Therefore, the Consultant will be required to undertake HCR assessment to evaluate and mitigate the impacts.

#### **4.3.3 Local Community Inclusion**

Experience in implementing specialized projects has shown that many local communities do not benefit. The Consultant will be required to assess and come up with recommendations on local community inclusion which will result in obtaining a social license to operate.

#### **4.3.4 Gender Inclusion**

Women remain underrepresented in industrial sector employment therefore the Consultant will be required to undertake an assessment that will establish factors that might impede overall workforce gender parity. Thereafter develop a gender action plan that will outline proactive initiatives to recruit and retain female employees.

#### **4.3.5 Resettled PAPs**

To acquire the KIP land of 29.34 Sq Km a significant number of local residents had to be displaced both physically and economically. The Consultant will be required to evaluate the resettlement exercise undertaken, including livelihood restoration, and offer recommendations for addressing any shortfalls. While undertaking this evaluation, the consultants will assess compliance to National Legislation and conformance to World Bank/IFC standards and Equator Principles.

#### **4.4 Policy, Legislation and Regulatory Frameworks**

The consultants will carry out a comprehensive review and description of all the relevant policies, laws and regulations including the several Acts and regulations that have been amended but awaiting approval. In addition, the relevant international conventions and treaties ratified by Uganda must be reviewed.

#### **4.5 Industry Standards and Good International Industry Practices**

The Consultants will be required to undertake a review and description of relevant Industry Standards and Good International Industry Practices. This must include the American Institute of Petroleum Standards, IOGP Guidelines, IUCN Standards, Good Practices for the Collection of Biodiversity Baseline Data (Multilateral Financing Institutions Biodiversity Working Group & Cross Sector Biodiversity Initiative), United Nations Guiding Principles for Business and Human Rights, Equator Principles III, World Bank ES Framework, IFC ES Performance Standards, IFC EHS Guidelines (EHS General, Petroleum product Terminal, Petroleum Refining, Petroleum-based Polymers Manufacturing).

#### **4.6 Stakeholder Consultations**

The consultants will be expected to carry out a comprehensive Stakeholder analysis at the initial stages of the ESIA which will guide the formulation of the stakeholder engagement plan of the whole exercise. The categories of stakeholders are community, district and national. The outcome of these consultations including minutes of meetings with signed attendance sheets shall be appended to the ESIA report.

If the Executive Director deems it necessary to have a public hearing, then the consultant will be expected to fully participate in all the sessions.

#### **4.7 Analysis of alternatives to the proposed project**

The Consultant will identify and propose alternatives that would achieve the same objectives as the proposal. These will then be evaluated with a view to obtaining the most optimal in terms of compatible of neighboring KIP components/projects, environment, technology, land-take and other considerations.

#### **4.8 Environmental Risk Assessment**

The Consultant will be required to undertake an Environmental Risk Assessment which shall include hazard identification, vulnerability analysis, risk analysis and risk response action.

#### **4.9 Cumulative Impact Assessment**

The team will be required to undertake assessment of the potential cumulative effects of the development and other developments beyond the KIP but may impact the Project's Area of Influence (AoI). The approach of

the assessment will be based on the IFC's Good Practice Handbook to Cumulative Impact Assessment and Management.

#### **4.10 Determination of the potential impacts of the proposal**

The consultants will be required to distinguish between significant positive and negative impacts, direct and indirect impacts, and short term and long-term impacts. Further, the consultants will identify and classify impacts which are unavoidable or irreversible. To the extent possible, the consultants will describe impacts quantitatively and explain significant information gaps as well as any uncertainties that may be associated with impact prediction. The impacts assessed will include the following:

##### **4.10.1 Transboundary Impacts**

The development of the KIP will require the utilization of shared resources (i.e. water abstraction from the Lake Albert which is an international water resource) and impacts of the developments may go beyond the national boundaries i.e. oil spills, air emissions, depletion of fish stocks. The Consultant shall therefore be required to assess the potential transboundary impacts.

##### **4.10.2 Area Drainage/hydraulics**

The KIP has three water catchment areas within its boundaries which must be preserved for the good of the downstream users and environment. The KIP development will entail cutting and filling of elevations and depressions which will impact on the area drainage. The Consultant will assess the impact on drainage and proposed mitigation measures.

##### **4.10.3 Natural Resource Conservation**

The KIP development will utilize natural resource in significant amount especially water that will be abstracted from Lake Albert. This assessment will offer a framework for conservation of natural resources for example availing irrigation water to the neighboring communities through recycling of spent process water which can boost agriculture leading to increased household income.

The Consultant shall also assess the Ecosystems services and determine whether the development will cause significant irreversible impacts that will call for offsetting.

##### **4.10.4 Harmonization with regional and local development plans**

This assessment will evaluate the compatibility of the KIP development with Albertine Graben Regional Physical Development Plan (PDP) and the earmarked growth centers PDP (Kizirufumbi, Kyangwali, Kabwoya, Kyarushesha and Buhuka) and any planned developments within the vicinity. The Consultant shall define compatible developments that can be executed within the vicinity of the KIP.

##### **4.10.5 Other impacts**

The aspects including, but not limited to, the following must also be examined in detail;

- Risk of fires;
- Traffic
- Air emissions
- Optimal location of the plan components/projects
- Insecurity, crime and social disruption that may be attributed to the proposal;
- Sabotage; and

- Oil spills and leakages.
- Mitigation and Management of impacts

#### **4.11 Mitigation and Management of impacts**

The Consultant will be expected to develop an Environmental and Social Management Plan and its attendant management plan including the Biodiversity Action Plan, Wetland Management Plan, Influx Management Plan.

The consultants will recommend implementable and cost-effective mitigation measures to prevent or minimize significant adverse impacts. The proposed mitigation measures will be consistent with Uganda's laws as well as Industry Standards and GIIP. Measures to enhance and maximize the beneficial impacts will also have to be recommended. Costs for implementing those measures will be estimated and institutions to implement them recommended.

### **5 SPECIFIC EXPERIENCE IN SIMILAR PROJECTS**

The Consultant shall demonstrate involvement in similar projects- in terms of scope and scale, nationally, Sub-Sahara and Internationally.

### **6 CORE TEAM**

The Consultant shall field, as a minimum, the following Team of experts with specialization as follows:

#### **6.1 ESIA Team Leader**

The ESIA Team leader must be a holder of bachelors and master qualifications in disciplines such as environmental sciences, civil or environmental engineering with other trainings in Environmental Impact Assessment. He or she must have over 15 years' experience in conducting ESIA studies for large scale infrastructure development projects. In addition, he/she must be a registered Environment Practitioner (Team Leader) with the National Environment Management Authority as provided in the National Environment (Conduct and Certification of Practitioners) Regulations of 2003. He/She must have led a similar study on projects that subscribe to World Bank Environmental and Social Safeguard requirements or AfDB ISS or Equator Principles or any other Multilateral Finance Institution Environment and Social Safeguards. Experience in undertaking ESIA regional and internationally is added advantage.

#### **6.2 Process Engineer**

The ESIA Team will include a Process Engineer having at least 10 years' experience in industrial park design and management or related infrastructure development projects. He/she must possess a degree in Mechanical Engineering, Manufacturing Engineering or related Engineering degree. He/She should have matching experience in conducting ESIA for Industrial Parks or related Infrastructure. Experience in conducting similar studies in regionally and international on midstream projects will be an added advantage.

#### **6.3 Water Resources Management Specialist**

He/She must be a holder of civil or water engineering or hydrology bachelor's degrees with strong background in areas of drainage/hydraulics design for infrastructure projects. He or she should have at least 10 years in water resources assessment studies. In addition, the Specialist should have 5 years' experience in conducting

environmental impact assessments for related development projects. Experience in conducting studies on projects that subscribe to World Bank Environmental and Social Safeguard requirements or AfDB ISS or Equator Principles or any other Multilateral Finance Institution Environment and Social Safeguards. Experience in undertaking ESIA regional and internationally is added advantage.

#### **6.4 Herpetologist**

He/she shall be a holder of a bachelors and master's degree in Zoology with a bias in herpetology and an experience of at least 5 years in conducting ESIA studies for infrastructure projects. Experience in conducting studies on projects that subscribe to world bank group or Equator Principles biodiversity conservation requirements is added advantage.

#### **6.5 Insect Entomologist**

He/she shall be a holder of at least of a bachelors and master's degree in Zoology with a bias in insect ecology and an experience of at least 5 years in conducting ESIA studies for infrastructure projects. Experience in conducting studies on projects that subscribe to world bank or Equator Principles biodiversity conservation requirements is added advantage.

#### **6.6 Ornithologist**

The Ornithologist should be at least a holder of bachelor's degree in Zoological sciences with working field experience in birds' taxonomy and ecology. He/she should have at least 5 years' experience in conducting ESIA studies. Experience in conducting studies on projects that subscribe to world bank group or Equator Principles biodiversity conservation requirements is added advantage.

#### **6.7 Mammologist**

He/she shall be a holder of a bachelors and master's degree in Zoology with a bias in mammalogy and an experience of at least 10 years in conducting ESIA studies for infrastructure projects. Experience in conducting studies on projects that subscribe to world bank group or Equator Principles biodiversity conservation requirements is added advantage.

#### **6.8 Botanist**

He/she shall be a holder a bachelor and a master's degree in Botany with experience of at least 10 years in conducting ESIA studies for infrastructure projects. Experience working on projects that subscribe to world bank group or Equator Principles biodiversity conservation requirements is added advantage is an advantage.

#### **6.9 Sociologist**

He/she must be a holder a bachelor and master's degrees in any of the following fields; sociology, social work and social administration and anthropology. Must have at-least 10 years' experience in social impact assessments, development of social management plans, land acquisition and involuntary resettlement, stakeholder engagement and community development projects. Experience working on projects that subscribe to World Bank Environmental and Social Safeguard requirements, AfDB ISS and Equator Principles is preferred.

### **6.10 Occupational Health and Safety Specialist**

The Expert should possess at least a bachelor's degree in fields such as civil engineering, environmental management, public health or environmental health or environmental engineering. He or she must possess post graduate training in occupational health and safety. Experience of 10 years in conducting ESIA for similar assignment is a pre-requisite. Professional certification is added advantage.

### **6.11 Aquatic System Ecologist**

The Specialist should have a degree in Zoology with specialization in aqua culture, aquatic environments. He/she must have at least 10 years' experience of assessing aquatic environments. Experience working on projects that subscribe to world bank group or Equator Principles biodiversity conservation requirements is added advantage is an advantage.

### **6.12 Natural Resource Economist**

The specialist must possess at least a postgraduate degree in ecological economics or environmental economics. He /she should have experience of at least 10 years in Natural resources valuations studies focusing on choices of options regarding changes in land uses for given ecosystems. Experience working on projects that subscribe to World Bank Environmental and Social Safeguard requirements, AfDB ISS and Equator Principles is preferred.

### **6.13 Physical Planner**

The specialist must possess at least a postgraduate degree in Physical Planning or related field. He /she should have experience of at least 10 years in physical planning. Experience on working on similar projects will be added advantage.

### **6.14 Physical Cultural Specialist**

The specialist must possess at least a postgraduate degree in Heritage Management or related field. He /she should have experience of at least 8 years. Experience on working on projects that subscribe to World Bank Cultural Heritage requirements will be added advantage.

### **6.15 GIS Specialist**

The specialist must have a degree in Geographical Information Systems (GIS) or land use planning or mapping or Surveying. He/she should have experience of at least 5 years in using applications such as ArcView and associated packages for production of maps using appropriate technologies such as GPS. Experience in conducting ESIA is an added advantage.

## **7 REPORTING REQUIREMENTS AND DELIEVERABLES**

In all, the ESIA process and reporting is to be guided by the provisions in EIA Guidelines for Uganda of 1997; the National Environment Act Cap 153 as well as EIA Regulations of 1998. In this case, the process will include preparation of a Scoping Report which will be followed by detailed ESIA study. The different study reports to be produced by the consultant are summarized below but detailed in the following subsections:

S/No	Report/Document Title	Number of copies
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1	Inception Report <sup>1</sup> 2 weeks after signing contract	2 copies plus a soft copy
2	Draft Scoping Report <sup>2</sup> within 4 weeks from date of signature of the contract.	4 copies plus a soft copy
3	Final Scoping Report - 2 weeks after receipt of the comments on Draft Scoping Report from the client.	7 copies plus 2 CDs having soft copy
4	Draft ESIA - 24 weeks from commencement of the study.	4 copies plus a soft copy
5	Public Hearing <sup>3</sup>	
6	Final ESIA - 4 weeks from date of receipt of comments on the draft ESIA from the client.	7 copies plus 2 CDs having soft copy

In addition, the Consultant will be required to submit weekly progress reports.

## **8 DURATION OF THE ASSIGNMENT AND TIMING FOR THE ESIA**

The assignment shall be completed within 10 months from the time of signing the Contract Agreement but the schedule must be structured in such a manner that seasonal variations are also assessed especially with regards to biodiversity. In addition, the schedule must factor in the NEMA approval time for the ToR.

## **9 SERVICES AND FACILITIES TO BE PROVIDED BY THE CLIENT AND CONSULTANT**

### **9.1 The Client**

The client will:

- a) Designate staff to serve as coordinator for the project;
- b) Provide documentation of previous studies conducted related to the assignment including KIP Masterplan, Environmental Baseline Study for the KIP, Hoima International Airport ESIA; KIP RAP Report;
- c) Establish contacts with the relevant stakeholders for purposes facilitating the study process;
- d) Liaison and assistance to obtain any other information and documents required from other Government of Uganda (GoU) agencies and which the client considers essential for the proper conduct of the assignment.

### **9.2 Consultant**

The consultant shall be responsible for providing the following facilities for his use:

- a) Office and residential accommodation;

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<sup>1</sup> The Inception Report shall include the review of the available reference documents and baseline environmental and social data and provide an overview of applicable standards. The Inception Report will also outline the detailed work plan.

<sup>2</sup> This will be accompanied by the proposed detailed work plan for the ESIA and will also present the overview of all environmental and social baseline data. This will include an overview of all the environmental baseline data available and, based on the data gap analysis, the baseline data which are still required to be collected during the ESIA phase including the work-plan how to collect these data.

<sup>3</sup> Public Hearing will be the decision of Executive Director NEMA during the review of the ESIA Report and based on the comments on the ESIA from the review process

- b) Computer hardware, software, communication, office supplies etc.;
- c) All necessary vehicular transport; and
- d) All other support facilities.

## 10 ELIGIBILITY REQUIREMENTS

The bidders will be evaluated on compliance to the National Legal requirements; experience of the firm in undertaking similar assignments Nationally and Regionally; and competency levels of proposed staff. To facilitate the evaluation of the Expressions of Interest (EOI), potential providers are requested to submit the following information to UNOC;

- a) Company Profile
- b) Certificate of Incorporation or its equivalent
- c) Income Tax Clearance certificate or its equivalent
- d) [Proof of registration/application with PAU National Suppliers Database](#)
- e) Description of experience in executing at least 5 ESIA in Oil and Gas and or infrastructure projects in the last 10 years. The information required includes;
  - i. Name of the client organization
  - ii. Name, telephone and email address of the contact person.
  - iii. Details of completed projects
  - iv. Project duration
  - v. Project budget
  - vi. Reference letters from the clients of the potential Provider or copies of the contracts or purchase orders.
  - vii. Overview of the methodology and profile of the team that carried out the assignments.
  - viii. Whether the ESIA conformed to the International Environment and Social Standards (WB/IFC, AfDB, Equator Principles)
- f) Competence level of the proposed personnel as elaborated in section 6.
- g) [Statement of Compliance with the relevant National Content Regulations.](#)
- h) Authorized Company Representative i.e
  - i. Name
  - ii. Title
  - iii. Telephone
  - iv. Fax
  - v. Email address of the individual(s).

## 11 CORRESPONDENCE/INQUIRIES

Any inquiries to Uganda National Oil Company Limited (UNOC) concerning this Request for EOI shall be submitted to the

**The Head Procurement & Logistics,  
Uganda National Oil Company  
Plot 15, Yusuf Lule Road  
P. O. Box 36316, Kampala.  
Telephone: 256 (0) 414 – 231 921**

All correspondence to UNOC shall be in writing and signed by the authorized representative. Correspondence may be sent by fax or email however; such correspondence shall be regarded as advance information to be followed by the ORIGINAL copy.

## 12 SUBMISSION OF EOI

a) Potential Providers shall submit two sets of documents (one ORIGINAL and ONE copy) in a sealed envelope clearly marked “Expression of Interest to undertake an Environmental and Social Impact Assessment for Kabaale Industrial Park”, by **Wednesday 17<sup>th</sup> April, 2019 at 10.00am EAST African Time** addressed to **The Head Procurement and Logistics, Uganda National Oil Company Limited (UNOC) Plot 15 Yusuf Lule Road P.O. Box 36316, Kampala**

In the event of any discrepancy between the ‘ORIGINAL’ and the **COPY**, the original shall prevail.

- b) The potential Providers should clearly mark their envelopes with their names and contact details.
- c) The sealed envelope(s) should be delivered at the address above and clearly marked ‘**EOI for undertaking an Environmental and Social Impact Assessment for Kabaale Industrial Park (KIP)**’.
- d) Providers who may wish to courier their EOI should allow for sufficient time to ensure timely receipt of their EOI.
- e) EOI sent by email or fax shall not be considered for evaluation.
- f) Any submission made after the close of submission shall be rejected.
- g) Uganda National Oil Company Limited reserves the right to accept or reject any submission and is not bound, committed nor obliged to shortlist any provider who has expressed interest.

## 11. SCHEDULE OF EVENTS

Activity	Date
Publish EOI notice	Tuesday 26 <sup>th</sup> March 2019.
EOI Bid Closing	Wednesday 17 <sup>th</sup> April, 2019, 10.00am EAST African Time
EOI Opening	Wednesday 17 <sup>th</sup> April, 2019, 10.30am EAST African Time
Evaluation of EOI	Thursday 18 <sup>th</sup> April 2019 – Tuesday 30 <sup>th</sup> April 2019
Communication of short-listed Firms and issuance of RFP.	Thursday 2 <sup>nd</sup> May 2019 – Wednesday 15 <sup>th</sup> May 2019

Uganda National Oil Company Limited reserves the right to alter the Schedule of Events. Alterations shall be communicated to Bidders in writing. Website ([www.unoc.co.ug](http://www.unoc.co.ug))

**CHIEF EXECUTIVE OFFICER**

**MARCH 2019**