



SECTION I: LETTER OF INVITATION

Procurement Reference Number: AUC/IED/C/013
16th May 2022

Dear Applicants,

RE-ADVERTISEMENT-REREQUEST FOR EXPRESSIONS OF INTEREST: INDIVIDUAL CONSULTANCY SERVICE- Consultancy Services for developing an African position on the technical, economic, social and political implications of green hydrogen development in Africa.

This is a re-advertisement for a period of one (1) week in an effort to attract more bids and enhance competition, previous submission of proposals or bids for this activity is valid and also bidders can modify and resubmitted their bids according to this publication.

The African Union Commission (AUC), seeks to recruit a competent and eligible Individual Consultant to provide **Consultancy Services for developing an African position on the technical, economic, social and political implications of green hydrogen development in Africa.**

The AUC now invites interested individual consultants to submit their technical proposals for the assignment as per attached Terms of Reference (TOR). The AUC policy requires consultants to provide professional, objective, and impartial advice, and at all times hold the Client's interest's paramount, without any consideration for future work, and strictly avoid conflicts with other assignments or their own interests.

- 1. Individual Consultant will be selected under the Fixed Budget selection method where the Consultant who has submitted the highest ranked technical proposal within the set pass mark and within the fixed budget stated, will be selected for award of contract. The available budget for this assignment does not exceed Thirty-Six Thousand, United States Dollars (USD 36,000), for an expected six (6) months period.**
- 2. The title of the procurement for each assignment must appear as subject of e-mail submissions (CVs, covering letter and technical proposals, additional supporting documents) with a maximum size of the attachment not exceeding 10MB and send to: Email: tender@africa-union.org Copy: TizitaT@africa-union.org**
- 3. All submissions must be addressed to: The Chairperson, Tender Board, African Union Commission, Building C, 3rd floor, TENDER BOX, Roosevelt Street, P. O. Box 3243, Addis Ababa, Ethiopia.**
- 4. The Deadline for submission is 24th May 2022 at 15:00 hours Addis Ababa Time. Late applications will not be considered.**
- 5. Selection procedure shall be in accordance with the African Union Commission's "Procurement Manual version 2.0" dated July 2016 which is available on the Commission's website at: <https://au.int/>**
- 6. This call for Request for Expression of Interest (REoI) comprises of the following:**
 - a. Section I – This Letter of Invitation**
 - b. Section II - Terms of Reference**

Yours sincerely,

Head, Supply Chain Division

Terms of Reference
Consultancy Services for developing an African position on the technical, economic, social and political implications of green hydrogen development in Africa

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I. INTRODUCTION

Green hydrogen is touted to be the fuel that will help the world to decarbonise all sectors of the economy to fulfil the Paris Agreement targets and achieve net zero emissions by 2050. The ease of transporting and piping green hydrogen makes it easy to use in decarbonising sectors that have hitherto been difficult to find green and cost-effective alternatives. Various countries and regions, such as the European Union have developed strategies for scaling up production of green hydrogen towards this end.

Production of green hydrogen relies on huge amounts of renewable energy resources of which Africa is well endowed. The idea that green hydrogen could be produced in Africa using its vast renewable energy resources and exported to other parts of the world to support the decarbonisation of their industries has emerged in some reports, studies, research and discussions. In view of the possible implications such a move would have on Africa, it is necessary to carry out detailed analysis of the likely technical, economic, social and political impacts and produce a common African position to guide policy and strategy development on the continent.

In this regard, the African Union Commission (AUC) wishes to engage consultancy services to carry out a study to undertake extensive consultations and conduct detailed analysis on how Africa should handle the production and trade in green hydrogen. The assignment is expected to further develop an African position on green hydrogen as well as prepare recommendations on how to develop policy and strategy for the AU Member States, the Regional Economic Communities and the AUC.

II. OBJECTIVE

The overall objective of the assignment is to develop an African position on the development of green hydrogen in Africa taking into account its technical, economic, social and political implications as well as Africa's strategic priorities and long-term vision under AU Agenda 2063.

The specific objectives of the assignment are to:

- i) Ensure that Africa benefits from the production and trading of green hydrogen undertaken within and outside the continent;
- ii) Ensure that Africa is not disadvantaged by production and trade of green hydrogen with other regions;

- iii) Ensure that production of green hydrogen in Africa contributes to its energy, infrastructure and industrialization development.

III. SCOPE OF WORK

The consultant shall carry out the following tasks:

1. Extensive review of available studies on green hydrogen particularly those focusing on Africa including, but not limited to:
 - a. [A hydrogen strategy for a climate neutral Europe](#);
 - b. [Green Hydrogen: Bridging the energy transition in Africa and Europe](#);
 - c. [The Future of Hydrogen](#) (<https://doi.org/10.1787/1e0514c4-en>)

The review should identify references to Africa (direct and implied) and interpret their implications including the opportunities, challenges, existing programs and disadvantages as well as interfaces with Africa's strategic positioning and priorities.

2. Hold extensive consultations for political and technical perspectives with a broad range of multi-sectoral African stakeholders including governments, public, private, civil society, academia and think tanks including diaspora groups. Other important stakeholders include, but not limited to Regional Economic Communities (RECs) and their specialised agencies, and pan African institutions such as the African Union Development Agency (AUDA-NEPAD), African Development Bank (AfDB), United Nations Economic Commission for Africa (UNECA), etc
3. Highlight the main concerns and ideas gathered from the desk review of reports and consultations.
4. Carryout PESTLE and SWOT analysis based on the data and information gathered.
5. Clearly outline the technical, economic, social and political opportunities as well as disadvantages that development of green hydrogen provide to Africa, including their regional spread where possible.
6. Make recommendations for maximising on the opportunities and addressing the concerns and challenges. The recommendations should include a strategic continental approach of implementing the recommended steps including how a green hydrogen programme for Africa aligns with existing AU priorities and key policy and strategic instruments including, but not limited to: AU Agenda 2063, Programme for Infrastructure Development in Africa (PIDA), Africa Climate Change Strategy, Africa Energy Transition Programme (AETP), and UN 2030 Agenda.
7. Articulate a succinct African position touching on all the relevant aspects on the development of green hydrogen.

IV. DELIVERABLES

The consultant shall provide the following reports:

1. An inception report covering the methodology, work programme as well as tasks and time allocation. The Inception Report will be submitted two (2) weeks after signing the contract.
2. Inception Meeting with AUC and Key Stakeholders constituting a core team responsible for steering the assignment to be held three (3) weeks after signing the contract.
3. Draft Report to be submitted fourteen (14) weeks after signing the contract.
4. Stakeholders Workshop to review the Draft Report, seventeen (17) weeks after signing the contract.
5. Draft Final Report incorporating stakeholders' inputs twenty (20) weeks after signing the contract.
6. A meeting with the core team steering the assignment to discuss the Draft Final Report twenty-two (22) weeks after signing the contract.
7. Final Report including a stand-alone Executive Summary twenty-four (24) weeks after signing the contract.
8. Short monthly progress reports submitted electronically to the AUC.

The deliverables are summarised in the table below:

	Deliverable	No. of weeks after contract signature
1.	Contract Signature	0
2.	Inception Report	2
3.	Inception Meeting with AUC and Key Stakeholders	3
4.	Draft Report	14
5.	Stakeholders Workshop	17
6.	Draft Final Report	20
7.	Meeting with AUC and Key Stakeholders	22
8.	Final Report including a stand-alone Executive Summary	24

V. EXPERTISE

The consultant shall have the following competencies:

- i) A minimum of Master's Degree in related disciplines such as economics, political science, international development, engineering, etc, and at least ten (10) years' experience in policy and strategy analysis in the energy sector.
- ii) Experience in renewable energy and Climate Change and the related international processes, and an understanding of their geopolitical nuances.
- iii) Excellent analytical and reporting skills.
- iv) Fluency in written and spoken English. Knowledge of another AU language will be an added advantage.

VI. TIME FRAME

The consultant is expected to finish the assignment in six (6) months.

VII. SCHEDULE OF PAYMENTS

The schedule of payments of the consultants is specified below:

- 30% of the amount of the contract to be paid upon submission and satisfaction by the Client of an inception report detailing how the above-mentioned deliverables will be achieved.
- 40% of the amount of the contract to be paid upon submission and satisfaction by the Client of the draft report
- 30% of the amount of the contract to be paid upon submission of the final report, after incorporating Client and Stakeholders' comments.

VIII. MANAGEMENT OF THE ASSIGNMENT

The AUC will be the contracting agency. The assignment will be carried out under the oversight of the AUC Department of Infrastructure and Energy.

IX. LOGISTICAL ARRANGEMENTS

AUC will provide letters of introduction if required to facilitate the consultant's engagements with stakeholders. The AUC will work with the consultant in organising the stakeholders' workshop, which could be held in hybrid or virtual format.

SELECTION CRITERIA

Proposals will be evaluated using the following criteria:

SN	Award Criteria	Allocated Points
1	Required Qualifications and Skills	
a	A minimum of Master's Degree in related disciplines such as economics, political science, international development, engineering, etc,	10
2.	Experience:	
a.	At least ten (10) years' experience in policy and strategy analysis in the energy sector.	10
b.	Experience in renewable energy and Climate Change and the related international processes, and an understanding of their geopolitical nuances.	10
c.	Excellent analytical and reporting skills.	10
b.	a) Personal Capacity Statement i) Relevant experience related to the assignment (include samples of two (2) most recent similar works and/or references for the same) ii) Contacts of at least three (3) organizations previously worked for iii) Curriculum Vitae of the Consultant	10
c.	Fluency in written and spoken English. Knowledge of another AU language will be an added advantage.	5
3.	Technical Proposal not exceeding 8 pages on:	
a.	Understanding and interpretation of the TOR	20
b.	Methodology to be used in undertaking the assignment	15
c.	Time and activity schedule/Workplan	10
	Total Points	100

Minimum technical score is 70 points (pass mark).

Individual Consultant will be selected under the Fixed Budget selection method where the Consultant who has submitted the highest ranked technical proposal within the set pass mark and within the fixed budget stated, will be selected for award of contract. The available budget for this assignment does not exceed Thirty-Six Thousand, United States Dollars (USD 36,000), for an expected six (6) months period.

Any travel necessary for the successful completion of the assignment, duly authorized in advance by the Commission will be paid for at the rate of the most direct economy return flight, as well as a subsistence allowance in accordance with the AUC Rules and Regulations.

Interested candidates are requested to submit the following documents for AUC's consideration:

a) Technical Proposal not exceeding 8 pages on:

- i) Understanding and interpretation of the TOR
- ii) Methodology to be used in undertaking the assignment
- iii) Time and activity schedule

b) Personal Capacity Statement

- i) Relevant experience related to the assignment (include samples of two (2) most recent similar works and/or references for the same)
- ii) Contacts of at least three (3) organizations previously worked for
- iii) Curriculum Vitae of the Consultant