



## Request for Proposals

### Building a Long Term Economic Model of the Response to the HIV Epidemic

Reference: EMP/AFE/EDA/2212

Deadline for submission:  
22 December 2008, 17:00 (Geneva time)

## **Background information on UNAIDS**

The Joint United Nations Programme on HIV/AIDS (UNAIDS) supports and coordinates the efforts of ten cosponsoring United Nations system organizations and works with a wide range of other partners in the global response to AIDS. For further information on UNAIDS please refer to the UNAIDS website at [www.unaids.org](http://www.unaids.org)

## **Requirements under this Request for Proposal**

UNAIDS developed estimates for 134 low- and middle-income countries on the *Financial Resources required to Achieve Universal Access to HIV, Prevention, Treatment, Care and Support*. These estimates are based on the type of epidemic and nationally established targets using the latest available data. More information on resource needs for HIV and AIDS are available at: <http://www.unaids.org/en/PolicyAndPractice/ResourcesAndFunding/default.asp> .

The UNAIDS, AIDS Financing and Economics Division has produced updated global estimates and is now planning to have these estimates validated by the countries in order to gradually replace the estimates using globally set targets, scale-up rates and populations in need.

## **Contacts and Procedures**

The proposals must be written in English. The proposal should be sent by electronic or courier to the following address:

Electronic: [marillar@unaids.org](mailto:marillar@unaids.org)  
Ref: EMP/EDA/2212

Courier Regina Marilla  
UNAIDS (EMP/AFE)  
20, avenue Appia  
1211 Geneva 27  
Switzerland

The courier should bear the following reference: **EMP/AFE/EDA/2212**. Bids should be received in UNAIDS by close of business on Monday, 22 December 2008, at the latest.

## **Documents Provided and Confidentiality**

The information contained in this RFP and any other information furnished by UNAIDS as part of the RFP process, must be treated as confidential and no use, other than for the purpose of responding to this RFP, is authorised. All documents provided by Vendors to UNAIDS in respect of this RFP will be treated as confidential.

## **Evaluation of Proposals and Vendor Qualifications**

All Proposals received by the specified Closing Date and Time, will be evaluated by an Evaluation Panel composed of UNAIDS Officials from HQ Geneva. Only those Vendors with sufficient appropriate experience for performance of work relevant to this RFP, depth and quality of staff, financial strength and stability, will qualify for further consideration and short-listing.

To assist in the evaluation and comparison of Proposals, UNAIDS may, at its discretion, ask a Vendor for clarification of its Proposal. The request for clarification and the response shall be in writing.

UNAIDS reserves the right to:

- Award the Contract on the basis of the UNAIDS' particular objectives
- Award the Contract to a Vendor of its choice, even if its bid is not the lowest
- Award separate Contracts for parts of the work to one or more Vendors of its choice, even if their bids are not the lowest
- Not award any Contract at all UNAIDS also reserves the right to negotiate the terms of the Proposal(s) made by one or more Vendors of its choice, including but not limited to negotiation of the price quoted in such Proposal(s) and/or the deletion of certain parts of the work, components or items called for under this RFP.

There is no obligation by UNAIDS to reveal, or discuss with any Vendor, how a Proposal was assessed, or to provide any other information relative to the evaluation process. Vendors whose Proposals are not selected will be notified in writing of this fact, and shall have no claim whatsoever for any kind of compensation. Proposals shall remain valid for a minimum period of 60 calendar days from the Closing Date.

## **Terms and Conditions**

Any order resulting from this RFP shall be subject to UNAIDS General Conditions of Contract (provided as part of this RFP process). This RFP, together with the selected Vendor's Proposal, shall form an integral part of the Contract, it being understood that any and all of the Vendor's (including Vendor's partners) general and other contractual terms and conditions, regardless of whether they are included or referred to in the Proposal, invoices or other documents accepted by UNAIDS, will by this reference automatically be excluded from the Contract and shall have no force and effect whatsoever between the parties (unless, but only unless and only to the extent any such terms or conditions have explicitly been agreed to by UNAIDS in writing). Any expenses incurred in formulating a Proposal to this RFP will be borne by, and are the sole responsibility of, the Vendor.

All prices and charges must be quoted in US dollars. Vendors are expected to examine all instructions, forms and specifications associated with this RFP. Failure to furnish all information required by the RFP and associated documents, or submission of a Proposal which does not comply with these documents will be at the Vendor's risk and may affect the evaluation of the Proposal.

# Technical Requirements

## Building a Long Term Economic Model of the Response to the HIV Epidemic

### Background

UNAIDS has engaged in pioneer work for estimating the resource requirements for addressing the response to HIV. The Resource Needs Model has been developed and is being used to forecast the needs for low- and middle-income countries up to 2015<sup>1</sup>. In addition, UNAIDS, with a consortium of partners has launched “aids2031”. It will look at what we have learned about the AIDS response, as well as consider the implications of the changing world around AIDS. It will chart options for the long-term response and consider what we can do differently now to prepare for AIDS by 2031.

Additional works related to the long term sustainable financing mechanisms of national response to HIV in selected countries are also being initiated by the Economics and Development Analysis (EDA) Unit of UNAIDS.

We are now looking at building a research team to define and calibrate an endogenous growth model in order to analyse the long term economic impact of the response to HIV.

Based on work achieved during the preparation phase the objective of the current Development phase of the modelling process is:

- To define and test the framework model based on results and recommendations issued from the previous phase.

### Work of the team

Based on the findings and recommendations of the Preparation Phase and under the supervision of EDA, the team will notably:

- i) Define the endogenous growth model. This includes *inter alia* the arbitrages and assumptions for each variable. Specific works related to prevention activities must be foreseen.
- ii) Based on the list of 4 to 6 countries to be defined with UNAIDS, perform the collection of data
- iii) Calibrate and testing of the model on a selection of +/- 6 trial countries
- iv) Build an interface for micro simulation with software like Gauss or Stata.
- v) Participation in the redaction of the paper on the findings
- vi) Prepare a presentation of results for UNAIDS and cosponsors;
- vii) Perform any other task related to the objective and not mentioned in this section.

---

<sup>1</sup> UNAIDS ; Financial Resources required to Achieve Universal Access to HIV prevention, Treatment, Care and Support, Geneva, September 2007

## Deliverables

The main deliverable is a functional and relevant long term endogenous growth model for the response to HIV.

More particularly, the team will provide:

1. An inception report including the methodology and a work plan. The report should be prepared and discussed within the first calendar month after commencement date.
2. A technical paper on the modelling process, the calibration.
3. A brief note (*i.e.* user manual) on the interface for simulation
4. A technical paper on the model. The paper should include notably a description of the method, assumptions, results and limitation, plus result of simulations in trial countries.

## Profile, Amount of Work and Duration

We are looking for a team comprising a senior economist, and econometrician/statistician and a junior economist. Collectively, this team will have a strong knowledge of public economics, development economics, econometrics, modelling and health economics (specifically involving HIV) and computer programming. The team will ideally be fluent in English and French.

The amount of work is estimated to 35, 45, and 30 man/days respectively. The outcomes should be presented in before end of July 2009.

Candidates may apply as a team or as individuals. If they apply as individual, they accept to be part of a team to be managed by the Senior Economist, together with UNAIDS.

## Payment Schedule

For the preparation phase (first phase)

1 <sup>st</sup> Instalment	50% of total amount of the draft budget	Upon receipt of countersigned APW
2 <sup>nd</sup> and Final Instalment	Balance of the contractual amount	Upon receipt of report, and invoices for expenditure.

## Intellectual property rights

All reports and data such as maps, diagrams, drawings, specifications, plans, statistics, calculations, databases, software and supporting records or materials acquired, compiled or prepared by the Consultant in the performance of the contract shall be the property of UNAIDS unless otherwise specified. The Consultant shall, upon completion of the contract, deliver all such documents and data to UNAIDS. The Consultant may not retain copies of such documents and data and shall not use them for purposes unrelated to the contract without the prior written consent of UNAIDS.

The Consultant shall not publish articles relating to the services or refer to them when carrying out any services for others, or divulge information obtained from UNAIDS, without the prior written consent of UNAIDS.

Any results or rights thereon, including copyright and other intellectual or industrial property rights, obtained in performance of the Contract, shall be the property of UNAIDS, which may use, publish, assign or transfer them as it sees fit, without geographical or other limitation, except where intellectual or industrial property rights already exist.