

TERMS OF REFERENCE

Cost-Effectiveness and Impact Modelling Consultant

CONTRACT MODALITY Individual Consultancy

DUTY STATION Home-based/Remote

DURATION OF CONTRACT 12 Months

Purpose of Assignment:

UNICEF Office of Innovation is developing practical methodologies to strengthen evidence-informed innovation decision-making. This includes a Cost-Effectiveness toolkit to assess value for money of innovations and an Impact Modelling toolkit to estimate potential outcomes and impact of innovations under different implementation and scaling scenarios.

To ensure these methodologies are adopted and used consistently across innovation portfolios, UNICEF requires technical support for training, dissemination, application, testing and continuous improvement of the methodologies. The consultant will support UNICEF staff and partners in understanding and applying the methodologies to innovation initiatives, generating practical examples, documenting lessons learned, and strengthening organizational capacity for evidence-informed innovation prioritization and investment decisions.

The consultancy will contribute to the institutionalization of cost-effectiveness and impact modelling approaches within UNICEF innovation programming and support the generation of robust evidence to inform strategy, resource allocation, scale-up decisions and partner engagement.

Scope of Work:

Under the supervision of the Monitoring and Evaluation Specialist, Office of Innovation, the consultant will undertake the following activities:

A. Training and Capacity Strengthening

- Develop training curricula, facilitator guides and participant materials for the Cost-Effectiveness and Impact Modelling toolkits.
- Design practical exercises, templates and case studies to support learning.
- Deliver virtual and in-person training workshops for UNICEF personnel and relevant partners.
- Facilitate office hours, coaching sessions and technical clinics to support methodology uptake.
- Develop learning resources that can be used for future onboarding and capacity development.

B. Dissemination and Knowledge Translation

- Develop dissemination materials, presentations, briefs and user guidance.
- Support strategic communication and awareness-building activities across UNICEF communities of practice.
- Develop practical examples and success stories demonstrating application of the methodologies.

C. Application of the Cost-Effectiveness Methodology

- Support selected innovation initiatives and country offices in applying the cost-effectiveness methodology.
- Facilitate identification of costs, outcomes and effectiveness metrics.
- Support data collection and analysis processes where required.
- Review findings and provide recommendations for decision-making.
- Develop practical application examples and lessons learned.

D. Application of the Impact Modelling Methodology

- Support selected innovation initiatives and country offices in applying the impact modelling framework.
- Facilitate workshops to develop scaling assumptions, scenarios and modelling parameters.
- Support development and refinement of impact models.
- Support interpretation and communication of model findings.
- Document methodological challenges, adaptations and lessons learned.

E. Automation of toolkits

- Gather and synthesize user feedback, implementation lessons and business requirements into product requirements so that technical teams can design and develop automated tools and platforms.
- Conduct testing and validation of automated prototypes

Work Assignment Overview	Deliverables/ Outputs	Delivery deadline	
		Exact date to complete the deliverable	Input days
Training and Capacity Strengthening	1. Training package for the Cost-Effectiveness and Impact Modelling toolkits developed, including facilitator guide, presentation materials, exercises and templates. 2. A minimum of 4 training workshops delivered to UNICEF staff, with participant feedback collected and synthesized. 3. Post-training support provided through technical clinics and office hours, with a summary report of key questions, lessons and recommendations.	31 March 2027	40 days
Dissemination and Knowledge Translation	1. 2 case studies demonstrating methodology application produced 2. User facing communication materials produced (posters, blog posts, think pieces)	28 Feb 2027	10 days
Application of the Cost-Effectiveness Methodology	1. Technical support provided to at least 3 innovation initiatives or country offices applying the Cost-Effectiveness Methodology. 2. Cost-effectiveness analyses completed and documented for selected use cases, including assumptions, data requirements, results and limitations. 3. Synthesis report produced summarizing findings, lessons learned and implications for innovation prioritization, investment and scale-up decisions	30 June 2027	55 days
Application of the Impact Modelling Methodology	1. Technical support provided to at least 3 innovation initiatives or country offices applying the Impact Modelling Methodology. 2. Impact models developed or refined for selected use cases, including scenarios, assumptions and projected outcomes. 3. Synthesis report produced summarizing modelling results, implementation lessons and recommendations for future application.	30 th Nov 2027	55 days
Support to Automation and Digitalization	1. Consolidated user feedback and business requirements produced to	31 st July 2027	20 days

	support the development of automated cost-effectiveness and impact modelling tools. 2.Validation and testing report produced documenting usage of automated prototypes by users, including recommendations for tool improvement, usability and adoption.		
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Payment Schedule:

Payment will be made on submission and acceptance of deliverables. UNICEF reserves the right to withhold payment in case the deliverables submitted are not up to the required standard or in case of delays in submitting the deliverables on the part of the consultant.

Important Notes:

- Individuals engaged under a consultancy or individual contract will not be considered “staff members” under the Staff Regulations and Rules of the United Nations and UNICEF’s policies and procedures and will not be entitled to benefits provided therein (such as leave entitlements and medical insurance coverage). Their conditions of service will be governed by their contract and the General Conditions of Contracts for the Services of Consultants and Individual Contractors. Consultants and individual contractors are responsible for determining their tax liabilities and for the payment of any taxes and/or duties, in accordance with local or other applicable laws.
- The selected candidate is solely responsible for ensuring that the health insurance (and visa if applicable) required to perform the duties of the contract are valid for the entire period of the contract. Selected candidates are subject to confirmation of fully-vaccinated status against SARS-CoV-2 (Covid-19) with a World Health Organization (WHO)-endorsed vaccine, which must be met prior to taking up the assignment. It does not apply to consultants who will work remotely and are not expected to work on or visit UNICEF premises, programme delivery locations or directly interact with communities UNICEF works with, nor to travel to perform functions for UNICEF for the duration of their consultancy contracts.
- UNICEF offers reasonable accommodation for consultants with disabilities. This may include, for example, accessible software, travel assistance for missions or personal attendants. We encourage you to disclose your disability during your application in case you need reasonable accommodation during the selection process and afterwards in your assignment.

QUALIFICATIONS / SPECIALIZED KNOWLEDGE / EXPERIENCE/ COMPETENCIES (CORE/TECHNICAL/FUNCTIONAL) / LANGUAGE SKILLS REQUIRED FOR THE ASSIGNMENT

Minimum requirements:

Education: Master’s degree in Economics, Public Policy, Public Health, Evaluation, Development Economics, Statistics, Monitoring and Evaluation, Operations Research, Innovation Studies, International Development, or related fields.

Work Experience:

- 1.Minimum 8 years of professional experience in economic evaluation, cost-effectiveness analysis, impact evaluation, modelling, monitoring and evaluation, implementation research or evidence generation.
- 2.Demonstrated experience developing and delivering training programmes for technical and non-technical audiences.

3. Experience working with governments, international organizations, research institutions or development partners.
4. Experience supporting innovation programmes, digital solutions or systems-strengthening initiatives is highly desirable.

Language Requirements:

Fluency in English required.

Knowledge of another UN language is an asset

Knowledge/Expertise/Skills:

1. Strong understanding of cost-effectiveness, cost-benefit and economic evaluation methodologies.
2. Strong understanding of impact modelling, scenario analysis and decision-support approaches.
3. Excellent facilitation and adult learning skills.
4. Ability to translate complex technical concepts into accessible guidance.
5. Strong analytical, writing and presentation skills.
6. Experience developing practical tools, templates and methodologies.