

Terms of Reference

This Agreement for Performance of Work (APW) is requested by:

Initiator:	Tine Rikke Jørgensen	Reg.#:	HQ/AMR/GCP/2021/4
Unit:	Global initiatives and research coordination (IRC)	Cluster / Dpt.:	Global Coordination and Partnership on Antimicrobial Resistance (GCP)

1. *Purpose of the APW

The development of a global One Health research agenda will fill major gaps in knowledge on antimicrobial resistance (AMR). The Department of Global Coordination and Partnership on AMR (GCP) undertakes this work as part of the implementation of the Global Action Plan on Antimicrobial Resistance (GAP).

The development of a One Health AMR research priority agenda is in response to the constitutional mandate of the WHO to promote health research and promote cooperation among scientific and professional groups that contribute to the advancement of public health. To effectively counter the threat of AMR, it is essential to better understand how resistance develops and spreads within and between humans and animals and through food, water, and the environment.

The objective of the One Health priority research agenda is to direct activities and funding towards research addressing evidence gaps that may impact AMR in a public health context that exists between 2 or more One Health sectors.

The project aims at catalyzing increased investment in the One Health AMR research that is relevant to human health. The findings will be published and disseminated to relevant stakeholders including research funders, academia and implementers.

Under the supervision and management of WHO, the requested task will be to perform three systematic literature reviews and draft publication of the finding. In addition, other relevant material to support the communication of the findings should be produced together with an excel file (or like).

2. *Background

The WHO Global Action Plan (GAP) on AMR was adopted by the World Health Assembly in 2015¹. The GAP outlines five strategic objectives. The second strategic objective is to strengthen the knowledge and evidence base through surveillance and research. This project is grounded in that GAP strategic objective that requires WHO to develop “a global public health research agenda for

¹ World Health Assembly, 68. (2015) .Global action plan on antimicrobial resistance .World Health Organization. <https://apps.who.int/iris/handle/10665/253236>

filling major gaps in knowledge on AMR, including methods to assess the health and economic burdens of antimicrobial resistance, cost–effectiveness of actions, mechanisms of development and spread of resistance, and research to underpin the development of new interventions, diagnostic tools and vaccines.”

3. *Planned timelines

Start date: 1 June 2021

End date: 1 Nov 2021

Total duration: to be defined

4. *Requirements - Work to be performed

Under the supervision and management of technical officer in the IRC department in WHO perform the following tasks:

Objective 1: Identify research gaps and existing research priorities in the One Health area of AMR across all relevant sectors in the intersection between One Health sectors. The work will build on existing evidence and include grey literature and other relevant material for instance WHO reports.

Output 1.1: Conduct three systematic literature review(s) human-plant/animal /the environment including grey literature, reports, and publications, prior research priority setting exercise to map the current status of One Health research on AMR. The inclusion of a database will be across the One Health Spectrum and the search strings will be jointly developed with WHO. The search should include English, Spanish and possibly one more language (to be defined)

Output 1.2: Provide an excel or like file that is easy to navigate with the results

Output 1.3: Under the supervision of WHO, prepare communication material of the findings; (a) including PPTs (b) draft scientific publications

5. *Requirements – Planning

Outputs under objective 1 are expected to be submitted by September 2021 (*indicative*).

Deliverable 1. Development of a protocol for the systematic review(s) search by June 2021

Deliverable 2. Systematic literature review publication by 15 Oct draft 2021 including excel file (or like navigation tool) with the findings

6. Inputs

The beneficiary will provide expertise on systematic literature review and One Health research methodology. We welcome proposals from groups with diverse scientific profiles. Please provide a budget that is specified by cost per objective.

7. *Activity Coordination & Reporting

Technical Officer:	Tine Rikke Jorgensen, GCP/IRC	Email:	Jorgensent@who.int
For the purpose of:	Technical supervision and instructions – Reporting		
Administrative Officer:	Sandra Kotur Corliss, GCP/IRC	Email:	koturcorliss@who.int
For the purpose of:	Contractual and financial management of the contract		

8. *Characteristics of the Provider

Scientific multi-disciplinary groups are welcome to respond to this proposal.

Qualifications required:

- PhD or M.Sc. in public health, biomedical sciences, social sciences, microbiology, health economics, pharmacy, or another relevant area

Experience required:

- Relevant experience in the area of One Health AMR research and working across sectors
- Experience with implementing systematic literature reviews;
- Very good writing skills demonstrated through peer-reviewed publications; including skills for making creative ppt slides
- Experience working in an international context;
- Ability to work independently and in a team;
- Ability to work under pressure with conflicting priorities;
- Excellent interpersonal and presentation and communication skills; and
- Facilitation skills, project management skills
- Excellent computer literacy (Word, Excel, PowerPoint, etc.).

Language requirements:

- English - proficient (reading, writing, speaking)
- 1 or more additional UN languages

9. *Place of assignment

Flexible

10. Travel

No travel required.

11. Additional information

Only offers that include a detailed financial offer (days and daily rate in USD) will be considered.

Please submit the following documents to antibacterialpipeline@who.int by 7 May 2021 at 17:00. (Geneva local time)

- Expression of interest (cover letter);
- CV, including the list of publications