Terms of Reference
National Health Workforce Accounts (NHWA) web portal

BACKGROUND

The PHC agenda adopted by the UN SG and the Triple billion initiative endorsed by WHO all consider the health workforce as essential for achieving UHC and health goals. Following the WHA resolution 69.19 urging Member States to report on the health workforce data and requesting the secretariat to facilitate the implementation of National Health Workforce Accounts (NHWA), the Health Workforce department has taken several steps to provide technical support to Member States to improve the health workforce information systems in countries to enable evidence based policies and decision making as well as to facilitate reporting.

Following the adoption of WHA resolution in 2016, through the course of 2017, several global public good were developed. The NHWA data platform was developed alongside the handbook on indicators and an implementation guide. The platform was launched at the Fourth Global Forum on HRH, Dublin, November 2017.

Orientation and capacity building workshops were conducted at regional and sub-regional levels with participation of over 80 countries which subsequently called for nomination of NHWA focal points through 2018.

The NHWA implementation approach recommends a multi-stakeholder and multisectoral engagement at national level and encourages collaboration of all partners. Given the nature of the HRH information, a lot of the data required for policy decisions lies outside of MoH, with the ministries of finance or ministries of education, professional associations, accreditation bodies etc.

Within the first year since its launch, several countries have nominated focal points and have been engaged in using the platform and sharing data with WHO.

In addition to serving as a national HRH data platform, the NHWA data platform also serves as multi-partner base at the global level. The ongoing initiative of Nursing Now supported by the DG and the State of the World Nursing report and State of the World Midwifery report due in 2020, pin the NHWA data platform as the common repository of the multi-agency data hosting site. It is envisaged that the Inter-Agency Data Exchange, a collaboration between ILO, OECD, WHO and other partners on the health workforce data will be built on the existing mechanisms within the NHWA data platform for data sharing and harmonization.
PURPOSE
Given the above mentioned, high level multi agency engagement and DG initiatives, it is critical for effective collaboration to have the data publicly available to all partners engaged in each of the initiative with no compromise on the data security and data confidentiality that may be of concern to countries. A public NHWA web portal is seen as the best way to achieve this objective.

The NHWA web portal will also serve to facilitate the Inter Agency data exchange project, a joint project with ILO, OECD and WHO.

The NHWA web portal will be a public website hosted within the WHO domain and is expected to

i. serve as global public good and global database on health workforce
ii. cater for customized querying of data
iii. host prepopulated analytics on key topics and highlights
iv. dynamically generate country and occupational profiles with analytics and messages
v. serve as a searchable a document repository

SCOPE OF WORK
In collaboration with Health Workforce (HWF) department and the Information Management and Technology (IMT) within WHO-HQ.

Task 1: Develop the NHWA web portal that includes

— prepopulated analytics (downloadable) on key topics and highlights
— features to query and download data from underlying dataset
— dynamically generated (downloadable) country profiles
— dynamically generated (downloadable) occupation profiles
— a searchable document repository

The portal is to be developed using a suite of technologies (Power BI, DHIS2, MySQL/MS SQL database, .Net, ASP) as seen fit, following advice from in-house experts.

Task 2: Testing and publishing the NHWA web portal on the WHO public domain

— finalize and publish the NHWA web portal on WHO public domain based on the observations and feedback during product testing phase
— finalize the documentation for business owner

TIMELINE
NHWA web portal is expected to be designed, populated and published by May 2019

PLACE OF ASSIGNMENT
The work is expected to be performed remotely and/or at WHO HQ, Geneva, Switzerland, as required.
APPLICATION REQUIREMENTS

CV and technical proposal
The technical proposal will need to cover the following:
- Updated CV
- 1-5 pages methodology envisioned for delivering the expected outputs with the time frame
- A short summary of experience in this area.
- Access link to previously developed similar applications and contact details of business owners
- Any annex deemed necessary to illustrate the proposal

Financial proposal
It should include a budget with expected daily rate (in USD), number of working days and other costs (to be clearly specified).

Deadline for submissions
The technical and financial proposal should be sent to the Health Workforce Department, WHO at hrhstatistics@who.int by CoB 30 March 2019.

FURTHER INFORMATION
1. Global Strategy on HRH: Workforce 2030
   http://who.int/hrh/resources/pub_globstrathrh-2030/en/
2. National Health Workforce Accounts
   https://www.who.int/hrh/statistics/nhwa/en/
3. High-Level Commission on Health Employment and Economic Growth
   http://apps.who.int/iris/bitstream/10665/250047/1/9789241511308-eng.pdf?ua=1
4. World Health Assembly resolution (WHA 69.16)
   http://apps.who.int/gb/ebwha/pdf_files/WHA69/A69_R19-en.pdf?ua=1&ua=1