

Work Order #5

This Work Order # 5 ("Work Order") is made and entered into on ____ December, 2018 ("Work Order Effective Date") by and between Sandoz International GmbH, located at Industriestraße 25, 83607 Holzkirchen, Germany ("Sandoz") and Trustees of Boston University, located at 25 Buick Street, Boston, MA 02215, USA ("Service Provider"), hereinafter jointly referred to as the "Parties."

WHEREAS, Sandoz and Service Provider have entered into a Master Services Agreement dated 20 November 2015 (the "Master Agreement");

WHEREAS, pursuant to the Master Agreement, Service Provider has agreed to perform certain Services in accordance with Work Orders from time to time entered into by the Parties, and Sandoz and Service Provider now desire to enter into such a Work Order; and

WHEREAS, Sandoz and Service Provider desire that Service Provider provide certain services with respect to Sandoz's project entitled Novartis Access Programme ("Project").

NOW THEREFORE, in consideration of the mutual covenants and promises contained herein, the parties agree as follows:

1. Project Specifications. Service Provider agrees to perform the services described in Appendix A, which is attached hereto and incorporated herein by reference ("Services").

2. Compensation.

2.1 In consideration of the Services performed by Service Provider, Sandoz agrees to pay to Service Provider the amounts set forth in the Budget, which is attached hereto and incorporated herein by reference as Appendix B. Except as otherwise pre-approved by Sandoz in writing, the total payments for Services under this Work Order shall not exceed [REDACTED] US Dollars, exclusive of any applicable taxes.

2.2 In addition, Sandoz will pay the pass-through expenses identified in the Budget set forth in Appendix B, or as reasonably required to be incurred by Service Provider in connection with the Services (such as for travel following Sandoz travel policy and international courier charges), subject to production of receipts or other evidence of payment, all as preapproved in writing by Sandoz. Reimbursement of travel expenses shall be subject to the following:

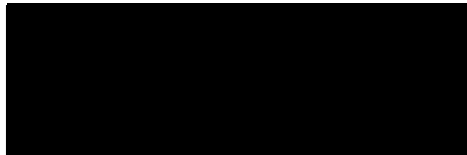
- (a) Travel expenses shall, however, be reimbursable only subject to production of receipts or other evidence of payment.
- (b) Service Provider should use the most cost-effective and safe means of getting to final destination / place of performance, including public transport, where reasonable.

- (c) Train: Travelers are entitled to first class rail travel.
- (d) Flight: For the selection of the flight class the following rules apply:
For domestic flights to destinations and where reasonably acceptable (up to four (4) hours flight time) economy class tickets have to be booked. For international flights to all other destinations business class tickets are permitted. For cost reasons air travel should not be used for short distances unless this substantially reduces the absence from the place of performance and/or if high accommodation costs can be avoided.
- (e) Private Car: Business trips by private car will be reimbursed at the rate of [REDACTED] per kilometer.
- (f) Accommodation: Reasonable accommodation to be agreed with Sandoz in advance.
Hotels where Novartis has special price arrangements have to be chosen whenever possible.

Except as otherwise pre-approved by Sandoz in writing, the total payments for pass-through expenses under this Work Order shall not exceed 0 US Dollars, exclusive of any applicable taxes.

2.3 Service Provider acknowledges and agrees that: (i) the compensation paid for the Services is consistent with the fair market value in arm's length transactions and has not been determined in a manner that takes into account any referrals or other business generated between Service Provider and Sandoz; (ii) all amounts received are only for legitimate expenses, reimbursement of such expenses or compensation for the performance of the Services and that nothing in this Agreement shall require, induce or in any way influence Service Provider to promote, recommend, require the use of or list on any formulary, any pharmaceutical or biopharmaceutical product(s) manufactured, produced or distributed by Sandoz; and (iii) receipt of such amounts is in full accordance with all applicable laws, regulations and policies.

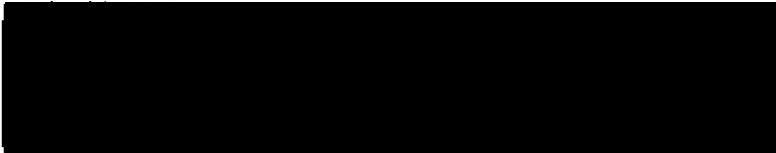
3. **Key Personnel.** The following persons are responsible for performing the Services and/or overseeing the Project hereunder:



Veronika Wirtz, Associate Professor, Department of Global Health
Boston University School of Public Health,
801 Massachusetts Avenue Boston MA 02118

E mail vwirtz@bu.edu

Sandoz: Dr. Harald Nusser [...]



4. **Term.** This Agreement shall become effective on the Work Order Effective Date and shall remain in force until completion of the Services under this Work Order, unless earlier terminated under the terms of the Master Agreement.

5. **Incorporation by Reference; Conflict.** The provisions of the Master Agreement are expressly incorporated by reference into and made a part of this Work Order. By signing this Work Order, the Parties hereto (if not Parties to the Master Agreement) agree to adhere to the terms and conditions of the Master Agreement. In the event of a conflict between the terms and conditions of this Work Order and the Master Agreement, the terms and conditions of the Master Agreement will take precedence and control.

Signature page to follow.

IN WITNESS WHEREOF, the Parties have signed this Work Order effective as of the Work Order Effective Date.

Sandoz International GmbH

By: _____

Name: _____

Title: _____

Date: _____

By: _____

Name: _____

Title: _____

Date: _____

Trustees of Boston University

By: _____

Name: _____

Title: _____

Date: _____

Read and Acknowledged:

Appendix A
Project Specifications

NOVARTIS ACCESS

CENTER FOR GLOBAL HEALTH & DEVELOPMENT (CGHD)

EVALUATION OF NOVARTIS ACCESS IN KENYA

Scope of Work 5, (January 1, 2019 to September 30, 2019)

BU will complete the following tasks:

Activity 1: Conduct monthly surveillance of households and facilities: BU will work closely with IPA to facilitate monthly calls to households and facilities involved in the study, including hiring, training, and managing data collectors on telephonic surveillance.

Specific tasks to be performed:

- Manage field collection organization and oversee all activities.
- Hire, train, and manage data collectors on telephonic interview process.
- Review and update Kiswahili translation of household surveillance instrument.
- Conduct household telephonic surveillance questionnaire with households in sample every month.
- Conduct facility telephonic surveillance questionnaire with facilities in sample every month.
- Manage and clean all telephonic surveillance data
- Record reported adverse events and report to Novartis all adverse events to their products
- Maintain records of reported adverse events
- Conduct reconciliation to ensure that all reported adverse events are relayed to Novartis

Deliverables or products to be developed

- Training manuals for telephonic surveillance data collectors

- Conduct reconciliation to ensure that all reported adverse events are relayed to Novartis on completion of data collection

Deliverables or products to be developed

- Survey instrument review
- Programming, bench testing of the surveys tools
- Training manuals for data collectors and study personnel on the ground
- Coded survey instruments in SurveyCTO
- Qualitative data sets including recordings, translations and transcriptions
- Quantitative baseline data sets (raw and cleaned)
- Project log (which will include – protocol, instruments, training manuals, field report, decisions made during the surveys)
- Submission and follow-up to facilitate approval of local IRB amendments and renewals
- Facilitate any renewals necessary to local government research permit.
- Record system of reported adverse events
- Production of initial data tables and charts

- Coded telephonic surveillance survey instruments in SurveyCTO
- Telephonic surveillance data sets (raw and cleaned)
- Record system of reported adverse events
- Monthly reporting of household facility and adverse events

Activity 2: Finalize planning for endline evaluation

Background statement: BU will be responsible for completing all necessary planning prior to the start of the endline evaluation, including managing a field team in Kenya and enabling them to implement the study protocols.

Specific tasks to be performed:

- Manage field collection organization and oversee all activities.
- Maintain a local study team to conduct the evaluation
- Train data collectors as needed in collaboration with investigator team
- Facilitate relationship with local IRB, including the submission of amendments and renewals
- Pilot test instruments and tools for endline evaluation

Activity 3: Implement endline evaluation

Background statement: BU will be responsible for implementing an endline evaluation of Novartis Access in Kenya.

Specific tasks to be performed:

- Manage field collection organization and oversee all activities.
- Conduct a endline assessment of study facilities and households
- Conduct a round of qualitative interviews at study facilities and in a subsample of households
- Partner collaboration (management)
- Record at reported adverse events and report to Novartis
- Maintain records of reported adverse events
- Investigate deaths occurring in the study cohort