REQUEST FOR QUOTATION (RFQ)

RFQ Reference: RFQ/UNDP/HEART/132180/012/2021 - IT Company to improve the use of SISMAL as a malaria program information system application and improve data analysis functions	Date: 11 June 2021

SECTION 1: REQUEST FOR QUOTATION (RFQ)

UNDP kindly requests your quotation for the provision of goods, works and/or services as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter

Section 2: RFQ Instructions and Data

Annex 1: Schedule of Requirements

Annex 2: Quotation Submission Form

Annex 3: Technical and Financial Offer

Annex 4: Special Conditions

When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3 Technical and Financial Offer, by the method and by the date and time indicated in Section 2. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Issued by:

Signature: _____

Name: Martin Kurnia

Title: Procurement Analyst

Date: 11 June, 2021

SECTION 2: RFQ INSTRUCTIONS AND DATA

Introduction	Bidders shall adhere to all the requirements of this RFQ, including any amendments made in writing by UNDP. This RFQ is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder because of this RFQ. UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.
Deadline for the Submission of Quotation	**Please refer to the etendering system with event id IDN10 - 0000009496** If any doubt exists as to the time zone in which the quotation should be submitted, refer to http://www.timeanddate.com/worldclock/. For eTendering submission - as indicated in eTendering system. Note that system time zone is in EST/EDT (New York) time zone.
Method of Submission	Quotations must be submitted as follows: ☒ E-tendering ☐ Dedicated Email Address ☐ Courier / Hand delivery ☐ Other Click or tap here to enter text. Bid submission address: eTendering - File Format: PDF - File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard. - All files must be free of viruses and not corrupted. - Max. File Size per transmission: N/A - Mandatory subject of email: RFQ/UNDP/HEART/PROMPTID/012/2021 - IT Company to improve the use of SISMAL as a malaria program information system application and improve data analysis functions - It is recommended that the entire Quotation be consolidated into as few attachments as possible. For eTendering method, click the link https://etendering.partneragencies.org and insert Event ID information **The Event ID for etendering system: IDN10 - 0000009496** Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link: http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notices/resources/
Cost of preparation of quotation	UNDP shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.
Supplier Code of Conduct, Fraud, Corruption,	All prospective suppliers must read the United Nations Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes **principles on labour, human rights, environment and ethical conduct** may be found at: https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct Moreover, UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors to observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at

	http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_an dinvestigation.html#anti
Gifts and Hospitality	Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches, dinners or similar. In pursuance of this policy, UNDP: (a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question; (b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.
Conflict of Interest	UNDP requires every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ. Bidders shall strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. Bidders found to have a conflict of interest shall be disqualified. Bidders must disclose in their Bid their knowledge of the following: a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this RFQ. The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this RFQ, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.
General Conditions of Contract	Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the General Conditions of Contract Select the applicable GTC: ✓General Terms and Conditions / Special Conditions for Contract. ☐ General Terms and Conditions for de minimis contracts (services only, less than $50,000) ☐ General Terms and Conditions for Works Applicable Terms and Conditions and other provisions are available at UNDP/How-we-buy
Special Conditions of Contract	✓ Cancellation of PO/Contract if the delivery/completion is delayed by 45 days ✓ Others – Refer to **ANNEX 4 – Special Conditions**
Eligibility	A vendor who will be engaged by UNDP may not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations. Failure to do so may result in termination of any contract or PO subsequently issued to the vendor by UNDP. It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP. Bidders must have the legal capacity to enter a binding contract with UNDP and to deliver in the country, or through an authorized representative.
Currency of Quotation	Quotations shall be quoted in ☒ **United States Dollars; ☒ Local Currency - IDR (Mandatory for Local Bidders)**
Joint Venture, Consortium or Association	If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted with the Bid; and (ii) if they are awarded the contract, the contract shall

	be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all the member entities comprising the joint venture, Consortium or Association. Refer to Clauses 19 – 24 under Solicitation policy for details on the applicable provisions on Joint Ventures, Consortium or Association.
Only one Bid	The Bidder (including the Lead Entity on behalf of the individual members of any Joint Venture, Consortium or Association) shall submit only one Bid, either in its own name or, if a joint venture, Consortium or Association, as the lead entity of such Joint Venture, Consortium or Association. Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following: a) they have at least one controlling partner, director or shareholder in common; or b) any one of them receive or have received any direct or indirect subsidy from the other/s; or b) they have the same legal representative for purposes of this RFQ; or c) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this RFQ process; d) they are subcontractors to each other's Bid, or a subcontractor to one Bid also submits another Bid under its name as lead Bidder; or e) some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this RFQ process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.
Duties and taxes	Article II, Section 7, of the Convention on the Privileges and Immunities provides, inter alia, that the United Nations, including UNDP as a subsidiary organ of the General Assembly of the United Nations, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below: All prices must: ☐ be inclusive of VAT and other applicable indirect taxes ☒ be exclusive of VAT and other applicable indirect taxes
Language of quotation	Click or tap here to enter text Including documentation including catalogues, instructions and operating manuals.
Documents to be submitted	Bidders shall include the following documents in their quotation: ☒ Annex 2: Quotation Submission Form duly completed and signed ☒ Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 ☒ Company Profile. ☒ Registration certificate; ☒ List and value of projects performed for the last 2 years plus client's contact details who may be contacted for further information on those contracts; ☒ List and value of ongoing Projects with UNDP and other national/multi-national organization with contact details of clients and current completion ratio of each ongoing project; ☒ Statement of satisfactory Performance (Certificates) from the top 3 clients in terms of Contract value in similar field; ☒ Completed and signed CVs for the proposed key Personnel; ☐ Other .
Quotation validity period	Quotations shall remain valid for 90 days from the deadline for the Submission of Quotation.
Price variation	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
Partial Quotes	☒ Not permitted ☐ Permitted Insert conditions for partial quotes and ensure that the requirements are properly listed in lots to allow partial quotes

Alternative Quotes	☒ Not permitted ☐ Permitted If permitted, an alternative quote may be submitted only if a conforming quote to the RFQ requirements is submitted. Where the conditions for its acceptance are met, or justifications are clearly established, Click or tap here to enter text. reserves the right to award a contract based on an alternative quote. If multiple/alternative quotes are being submitted, they must be clearly marked as "Main Quote" and "Alternative Quote"
Payment Terms	☐ 100% within 30 days after receipt of goods, works and/or services and submission of payment documentation. ☒Other Payment will be made after satisfactory acceptance by UNDP the services provided on the following schedule:

No	Deliverables for Core Functions (Main Contract)	Payment Schedule (%)	Due Dates
1	- Report of prepared datasets, data standards, metadata, and nomenclature - Document of user application display design - Document of database architecture design	20%	September 2021
2	Developed reporting application system that will be used by the health facilities to input data	20%	November 2021
3	Developed SISMAL dashboard related to SISMAL V3 data analysis and validation	20%	November 2021
4	Revised system based on the results of the SISMAL V3 trial	20%	January 2022
6	Final user manual	5%	January 2022
7	Report of workshops and training on how to use SISMAL V3	5%	February 2022
8	Final Report	10%	February 2022
	Subtotal	**100%**	

Conditions for Release of Payment	☒ Passing Inspection [specify method, if possible] Complete Installation ☒ Passing all Testing [specify standard, if possible] ☒ Completion of Training how to use the SISMAL application to the Sub directorate Malaria and to users in Puskesmas/District levels. It can be conducted by hybrid (zoom and offline) ☒ Written Acceptance of Goods, Services and Works, based on full compliance with RFQ requirements. ☒ Upon received of original invoice
Contact Person for correspondence, notifications and clarifications	E-mail address: armada.pratama@undp.org and Cc: Yusef.millah@undp.org Attention: Quotations shall not be submitted to this address but to the address for quotation submission above. Otherwise, offer shall be disqualified. Any delay in UNDP's response shall be not used as a reason for extending the deadline for submission, unless UNDP determines that such an extension is necessary and communicates a new deadline to the Proposers.
Clarifications	Requests for clarification from bidders will not be accepted any later than 2 days before the submission deadline. Responses to request for clarification will be communicated by email.
Evaluation method	☒The Contract or Purchase Order will be awarded to the lowest price substantially compliant offer ☐ Other Click or tap here to enter text.
Evaluation criteria	☒ Full compliance with all requirements as specified in Annex 1 ☒ Full acceptance of the General Conditions of Contract ☒ Comprehensiveness of after-sales services

	☐ Earliest Delivery /shortest lead time ☒ Others as required in Annex 1 – Terms of Reference
Right not to accept any quotation	UNDP is not bound to accept any quotation, nor award a contract or Purchase Order
Right to vary requirement at time of award	At the time of award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty-five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.
Type of Contract to be awarded	☐ Purchase Order ☒ Contract Face Sheet (Goods and-or Services) (this template is also utilised for Long-Term Agreement) and if an LTA will be signed, specify the document that will trigger the call-off. E.g., PO, etc.) ☐ Contract for Works ☐ Other
Expected date for contract award.	23 July 2021
Publication of Contract Award	UNDP will publish the contract awards valued at USD 100,000 and more on the websites of the CO and the corporate UNDP Web site.
Policies and procedures	This RFQ is conducted in accordance with UNDP Programme and Operations Policies and Procedures
UNGM registration	Any Contract resulting from this RFQ exercise will be subject to the supplier being registered at the appropriate level on the United Nations Global Marketplace (UNGM) website at www.ungm.org. The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award, the Bidder must register on the UNGM prior to contract signature.

ANNEX 1: SCHEDULE OF REQUIREMENTS

Term of References
Development of E-SISMAL (Elektronik Sistem Informasi Surveilans Malaria) Version 3

I.   Background

Malaria is a contagious infectious disease that can cause death and morbidity in infants, toddlers, and pregnant women. Malaria is still a health problem in Indonesia so that the malaria eradication program is still a priority at the national and global levels. The program is in line with the target 3.3 of the Sustainable Development Goals (SDGs) and is included in the RPJMN as an indicator of the national development strategic plan.

The progress of the malaria program in Indonesia can be seen from the increasing number of regions that achieve malaria elimination each year. By the end of 2019, 300 districts out of 514 districts had received a malaria elimination certificate from the Ministry of Health, and 208 million (77.7%) of the population lived in areas free of local malaria transmission. In addition, the malaria morbidity rate based on the Annual Parasite Incidence (API) in Indonesia from 2009 to 2018 experienced a downward trend, which is 1.85 per 1000 population (418,439 cases) in 2009 to 0.93 per 1000 population (250,644 cases) in 2019.

One of the important interventions in achieving malaria elimination is to make surveillance one of the core interventions. This is outlined in the pillars of the 2016-2030 Global Malaria Technical Strategy and translated into the 2016-2030 National Action Plan document. Accelerating the Elimination of Malaria in a Transformation Strategy for malaria surveillance is at the prime of malaria elimination interventions. One of the key interventions of this strategy is strengthening data and information systems and managing malaria data. The government has built a malaria program information system called the Malaria Surveillance Information System (SISMAL) with the latest application version, SISMAL V2.

SISMAL V2 began to be socialized in 2018 and has been fully used in 2019. A total of 9,155 health facilities have reported malaria data using SISMAL V2. As an information system that continues to develop, in practice SISMAL still needs to be improved to answer challenges and easier and more efficient users of health facilities and the latest information can easily appear on the dashboard at each level for policy making.

As a malaria surveillance information system, SISMAL V2 has been well implemented starting from the lowest level (fasyankes) to the top level (district, province, Sub-Directorate for Malaria, and Pusdatin). However, related to the completeness and accuracy of the report, SISMAL V2 data collection has not been able to run optimally and has not met the expected target. Based on the results of interviews with stakeholders, there were several obstacles that were found by officers, namely: (1) Obstacles to network infrastructure and input devices, (2) Limited human resources and the ability to understand the system, (3) Limitations of platforms for inputting SISMAL data, (4) There are frequent data input errors and limitations of reporting forms (validation and verification of SISMAL data), (5) Limitations of SISMAL data analysis and visualization, and (6) Systems that are not yet integrated.

The MoH planned to develop SISMAL into Version 3. It will use the recommended platform from Data and Information Center of MoH (Pusdatin) and based on SISMAL V2 assessment results including recommendation of SIMSAL V3 architecture. Refer to DHIS2 platform, the generic of DHIS2 modules have been developed to strengthen the collection, reporting and use of malaria entomology and vector control data to inform decision-making. The modules consist of electronic data collection forms, standard indicators and automatically generated data visualizations developed to support the following interventions areas:
- Insecticide treated nets (ITN) mass distribution campaigns,
- ITN bio efficacy monitoring,
- Indoor residual spraying (IRS) campaigns,
- IRS residual efficacy monitoring, Insecticide resistance monitoring,
- Adult mosquito surveillance and identification and
- Monitoring of mosquito larval habitats.

All the modules have been designed in line with existing WHO standard protocols and guidance.

UNDP will assist Ministry of Health as the Principal Recipients of GF Malaria Program in this effort. Technical Assistance will be provided in ensuring better data retrieval and management. The improvement of SISMAL into V3 will improve

data interoperability into the ASDK at Pusdatin. SISMAL V3 will also be developed to obtain and display logistics data at the national and district level in real time. This includes the availability, need, and expiration of medicines, bed nets, and medical kits in every district in Indonesia. It will allow the Program to monitor data in real time and analyze it in decision or policy making efforts.

II.   Expected Outcome and Outputs

The main outcome is to upgrade of SISMAL V2 to SISMAL V3 using recommended platform from Data and Information Center of MoH (Pusdatin) and based on SISMAL V2 assessment result to improve the use of SISMAL as a malaria program information system application and improve data analysis functions. Real time information regarding the malaria situation in Indonesia will be displayed including surveillance results. The data analysis will link to One Data afterwards. All software, data and intellectual property that is created with this project will be with either UNDP or the Ministry of Health.
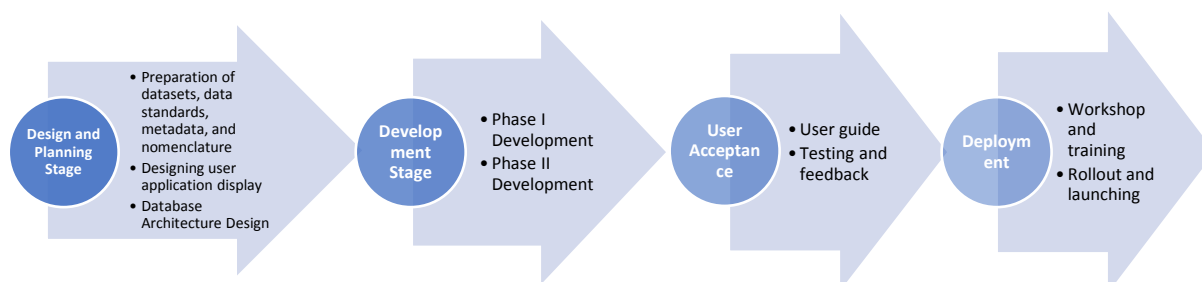
III.   Scope of Work

The scope of work for this SISMAL V.3 Development Project are as follows:
1. To produce reliable and user friendly SISMAL applications (data input, validation, repository, analysis, and visualization)
2. The SISMAL apps should provide bilingual user interface.
3. To update the dataset, data standards and metadata. The SISMAL V3 dataset must be able to accommodate all the needs that are not yet in SISMAL V2, such as adding a job list (adjusted to Pusdatin), a description column, a detailed address column, a PE activity report, and so on. The dataset also defines which data must be filled in and which data is not, and how to fill it in as well as a warning when a wrong filling occurs.
4. To provide data migration support and services, both for application and the infrastructure (servers)
5. To adjust the input platform so that users can use any tools according to conditions in the field. All platforms must be reliable, user friendly, without the need for repetitive settings, have the same data set, data standards and metadata. For areas with adequate internet access, the platform can be developed in the form of an android application by utilizing the internet. The data inputted can be sent directly in real-time, so that it will help regencies and provinces to be able to analyze data quickly. For areas where internet is limited or even non-existent, the platform can be developed in the form of USSD Menu Browser (UMB), Rapid Pro (Chatbot), or Kobocollect.
6. To add data validation features. The validation feature is used to ensure the suitability of the data type of the input data. For example, text data cannot be input into a number type form. If you keep inputting it, a pop-up notification will appear regarding data errors. The validation feature is also used to check the logic of the system.
7. To provide report generator tools or module to generate standard/routine report and custom report. All report can be exported to xls, pdf, etc.
8. To create the SISMAL apps that can display interactive and informative data visualization and analysis. The development of SISMAL V3 in the future must maximize the creation of data analysis features that comply with the 22 malaria indicators standard and can also be customized according to the needs of each district and province with more attractive and real-time visualizations. In addition, the feature can perform clear and detailed mapping (up to a certain level) by utilizing GIS to capture, store, analyze, manage, and present geographic / spatial data such as case mapping or malaria logistics.
9. To develop the applications specifically for UNDP (or for third party such as government of Indonesia) with the intellectual property rights shall be retained by UNDP. UNDP has the right to sub-license the contractor's pre-existing intellectual property right to the actual end-user.
10. To perform Data Management Integration and Bridging System. For example, integration of Population Identification Number (NIK) data, datasets, data standards, and nomenclature. The input form can also be completed with the SILANTOR form, SKDR, RapidPro mosquito nets and ONA which may not be available in SISMAL V2.
11. To provide user guide, workshops, and trainings about SISMAL V3 for users at the national, province, districts, and Health Center levels.
12. To guarantee Quality Assurance / Software Tester / Documentation
13. To deliver the source code which is not encrypted from the result of development and already implemented. Software source code as property rights belong to the UNDP (until the handover) and Ministry of Health.
14. To provide one year maintenance support

15. Optional for software upgrades for malaria logistics data systems with similar unit price and manpower. Next, the SISMAL feature will be added for monitoring the stock of mosquito nets in the province/district/city, mosquito nets that have been obtained by the community, stock of cadre kits, and others. Officers can input data from the field which can then be analysed and visualized in the form of graphs, charts, and maps.
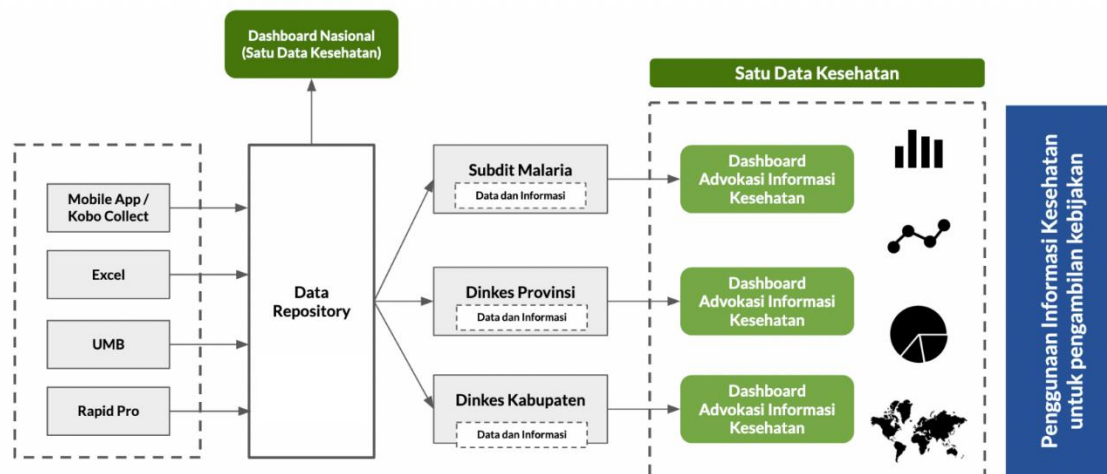
IV. Timeline

The implementation of SISMAL V3 can be done in five stages, which are Analysis, Design and Planning, Development, User Acceptance, and Deployment. These five stages are agile in the sense that they can be repeated iteratively to produce a product that suits the user's needs. The strategy for implementing SISMAL V3 is as follows:

Design and Planning Stage
- Preparation of datasets, data standards, metadata, and nomenclature
- Designing user application display
- Database Architecture Design

Development Stage
- Phase I Development
- Phase II Development

User Acceptance
- User guide
- Testing and feedback

Deployment
- Workshop and training
- Rollout and launching

Activity	July	August	September	October	November	December	January	February
Design and Planning Stage	▓	▓	▓					
Preparation of dataset, data standard, and metadata	▓	▓						
Designing user application interface	▓	▓						
Database Architecture & Source spot Design (and the results are submitted to UNDP and MoH)		▓	▓					
Development Stage		▓	▓	▓	▓			
Phase I Development: Application		▓	▓	▓	▓			
Phase II Development: Dashboard			▓	▓	▓			
User Acceptance Stage						▓	▓	
User Guide						▓	▓	
Testing & Feedback							▓	
Deployment Stage							▓	▓
Workshop & Training							▓	▓
Rollout Solution								▓

V. Strategy Development

The SISMAL V3 application is expected to be a reporting application used by health centers and hospitals. The digital reports are then analyzed and verified by the Health Department of each district / city and province which will eventually be accepted by the national level. There are three main processes that will be carried out and divided into three services, namely data input service, verification service, and get data service. In addition, technology development uses the latest technology based on open source (non-proprietary) including for supporting software, tools, plugins etc. Subscribed and paid technology use can still be done but with prior consultation. SISMAL V.3 data management is as follows:

VI. Requirement of Experience and Qualifications

The development of SISMAL V.3 will involve an IT Company. Some of the minimum qualifications that the IT company need to have include:

- The IT company must be legal entity registered in Indonesia.
- The IT company must be a local institution or national institution which has strong capacity in Information and data management systems.
- Having minimum 5 years working experience in information and data management systems
- Having minimum 1 portfolio or expertise in DHIS2 will be more considered.
- Having the skills in big data and system information
- Well-versed in web-based and mobile enterprise application platforms
- Having the skills to build the cloud computing infrastructure that supports an ecosystem of mobile apps stored within a cloud server.

In the process, it is recommended that the selected vendor has several experts with the following categories and specifications:

1) Project Manager (1 person)

The Project Manager will serve as the leader of the SISMAL V3 project development by preparing a detailed design related to the product development plan. Some of the requirements related to the project manager for SISMAL V3 include:

- Have at least 3 years' experience and a portfolio leading the development of a product.
- Understand the process of product development and analysis in data systems including collection and visualization of malaria-related information.
- Experience in the development of health information systems, e-health, and Big Data.
- Experience in collecting, processing, visualizing, and analyzing data.
- Have skills in information systems and data management.
- Have knowledge related to DHIS 2 or similar systems.

2) UI / UX Designer (1 person)

In the development of SISMAL V3, a UI / UX Designer is needed to design an interactive visual application display as well as an easy-to-use user experience. This is very important so that problems related to applications that are not user friendly in SISMAL V2 do not occur again in SISMAL V3. The UI / UX Designer will design the appearance of the application at the design and planning stages before it is developed by the developers. Some of the requirements needed for the SISMAL V3 UI / UX Designer include:

- Minimum 3 years' experience in UI / UX design
- Having qualified experience in designing interactive UI solutions in product development as evidenced by a portfolio.
- Expertise in using the Figma collaboration platform and standard design software such as Adobe Suite, Corel Draw, and so on.
- Experience in providing solutions for health projects (government).

3) Back End Developer (1 person)

The Back End Engineer will have a role related to the system logic to be developed, the database and the system integration process. Back End Engineer will play an important role in the process of designing and programming relationships between databases. Some of the requirements needed include:

- Minimum 3 years of professional experience in software development, especially related to data reporting systems.
- Experienced in making Health Information Systems.
- Ability to think strategically, problem solving, and decision making.
- Proficient in PHP and JavaScript programming languages.
- Mastering Laravel framework.
- Mastering the use of relational databases (MySQL, PostgreSQL).
- Mastering API development and full-stack system.
- Understand the concept of Clean Architecture.
- Understand the concept of Object-Oriented Programming (OOP).
- Having experience in Unit Testing and Integration Testing is a plus.
- Good at using Git.
- Mastering the use of the terminal / command line.

4) Front End Developer (1 person)

Front End Developer will play a role in developing synchronization between the designs that have been done by the UI / UX Designer with the reality of the appearance of the website later without neglecting the functionality of SISMAL V3. Some of the requirements needed for a SISMAL V3 Front End Developer include:

- Minimum 3 years of professional experience in software development, especially related to data reporting systems.
- Experienced in making Health Information Systems.
- Ability to think strategically, problem solving, and decision making.
- Mastering HTML5 + CSS3 (media queries, custom fonts, SEO meta).
- Good at using jQuery.
- Mastering the use of libraries for charts.
- Mastering the use of libraries to export data (excel or PDF).
- Mastering the programming language JavaScript and PHP.
- Mastering the use of AJAX / Fetch / Axios for data communication via API.
- Mastering Laravel framework.
- Having experience in JavaScript framework is a plus (ReactJS, VueJS, etc.).
- Having experience in NodeJS is a plus.

5) App Developer (1 person)

The App Developer will carry out developments related to the android application that will be used for reporting. Some of the requirements needed for a SISMAL V3 Front End Developer include:

- Have 3 years of experience in developing Android applications.
- Have knowledge of Android SDK performance tools and optimization techniques.
- Experience with Java, Kotlin, or similar programming languages.
- Experience or have been involved in making health-related applications.

6) Infrastructure Engineer (1 person)

The Infrastructure Engineer will design, supervise, and participate in the implementation of technologies and platforms that support data and network infrastructure. In addition, the infrastructure engineer also plays a role in identifying and solving problems that affect the operation of data infrastructure, maintaining website servers, assisting with system planning, and implementation and network integration. Some of the requirements needed for this position include:

- Minimum 3 years of professional experience working in the IT Infrastructure field.
- Have knowledge of network protocols, network administration and network security.
- Experience in settings, configure and administering the microservice of Openshift cluster and workers.
- Understand security related to the cloud and local infrastructure.

VII.   Payment

Payment will be made after satisfactory acceptance by UNDP the services provided on the following schedule:

No	Deliverables for Core Functions (Main Contract)	Payment Schedule (%)	Due Dates
1	- Report of prepared datasets, data standards, metadata, and nomenclature - Document of user application display design - Document of database architecture design	20%	September 2021
2	Developed reporting application system that will be used by the health facilities to input data	20%	November 2021
3	Developed SISMAL dashboard related to SISMAL V3 data analysis and validation	20%	November 2021
4	Revised system based on the results of the SISMAL V3 trial	20%	January 2022
6	Final user manual	5%	January 2022
7	Report of workshops and training on how to use SISMAL V3	5%	February 2022
8	Final Report	10%	February 2022
	Subtotal	**100%**	

VIII.   Work Assignment Mechanism

- IT Company will submit the technical and financial proposals along with the company profile. The technical proposal would entail system architecture, software used, detailed time schedule for delivery, installation, system integration, acceptance tests and commissioning along with resources required and justification and any other requirement whereas the financial proposal should be a lump-sum, fixed amount proposal based on the unit rates agreed for each resource.
- UNDP will evaluate the technical proposal and verify the manpower and man-days proposed to complete the task.
- UNDP will issue the Software License and Services Agreement including the rights of source code.
- Payment will be linked to agreed deliverables.

Delivery Requirements

Delivery Requirements	
Delivery date and time	Bidder shall deliver the deliverable according to the due dates
Delivery Terms (INCOTERMS 2020)	DAP
Customs clearance (must be linked to INCOTERM)	☐ Not applicable Shall be done by: ☐ Name of organisation (where applicable) ☒ Supplier/bidder ☐ Freight Forwarder
Exact Address(es) of Delivery Location(s)	Collected and stored in advance in the Ministry of Health, Directorate of Malaria
Distribution of shipping documents (if using freight forwarder)	N/A
Packing Requirements	N/A
Training on Operations and Maintenance	Applicable, it will be implemented for all user at the national, province, districts, and Health Centre levels on December 2021 – January 2022
Warranty Period	Minimum 1 year
After-sales service and local service support requirements	Quoted items must have after sales service available locally
Preferred Mode of Transport	Other : as proposed by Bidders in meeting the required delivery time

ANNEX 2: QUOTATION SUBMISSION FORM

Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	Click or tap here to enter text.	Date: Click or tap to enter a date.

Company Profile

Item Description	Detail
Legal name of bidder or Lead entity for JVs	Click or tap here to enter text.
Legal Address, City, Country	Click or tap here to enter text.
Website	Click or tap here to enter text.
Year of Registration	Click or tap here to enter text.
Legal structure	Choose an item.
Are you a UNGM registered vendor?	☐ Yes ☐ No If yes, insert UNGM Vendor Number
Quality Assurance Certification (e.g. ISO 9000 or Equivalent) *(If yes, provide a Copy of the valid Certificate):*	☐ Yes ☐ No
Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment? *(If yes, provide a Copy of the valid Certificate):*	☐ Yes ☐ No
Does your Company have a written Statement of its Environmental Policy? *(If yes, provide a Copy)*	☐ Yes ☐ No
Does your organization demonstrate significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues *(If yes, provide a Copy)*	☐ Yes ☐ No
Is your company a member of the UN Global Compact	☐ Yes ☐ No
Bank Information	Bank Name: Click or tap here to enter text. Bank Address: Click or tap here to enter text. IBAN: Click or tap here to enter text. SWIFT/BIC: Click or tap here to enter text. Account Currency: Click or tap here to enter text. Bank Account Number: Click or tap here to enter text.

Previous relevant experience: 3 contracts				
Name of previous contracts	**Client & Reference Contact Details including e-mail**	**Contract Value**	**Period of activity**	**Types of activities undertaken**

Bidder's Declaration

Yes	No	
☐	☐	**Requirements and Terms and Conditions:** I/We have read and fully understand the RFQ, including the RFQ Information and Data, Schedule of Requirements, the General Conditions of Contract, and any Special Conditions of Contract. I/we confirm that the Bidder agrees to be bound by them.
☐	☐	I/We confirm that the Bidder has the necessary capacity, capability, and necessary licenses to fully meet or exceed the Requirements and will be available to deliver throughout the relevant Contract period.
☐	☐	**Ethics**: In submitting this Quote I/we warrant that the bidder: has not entered into any improper, illegal, collusive or anti-competitive arrangements with any Competitor; has not directly or indirectly approached any representative of the Buyer (other than the Point of Contact) to lobby or solicit information in relation to the RFQ ;has not attempted to influence, or provide any form of personal inducement, reward or benefit to any representative of the Buyer.
☐	☐	I/We confirm to undertake not to engage in proscribed practices, , or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we have read the United Nations Supplier Code of Conduct :https://www.un.org/Depts/ptd/about-us/un-supplier-code-conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN.
☐	☐	**Conflict of interest:** I/We warrant that the bidder has no actual, potential, or perceived Conflict of Interest in submitting this Quote or entering a Contract to deliver the Requirements. Where a Conflict of Interest arises during the RFQ process the bidder will report it immediately to the Procuring Organisation's Point of Contact.
☐	☐	**Prohibitions, Sanctions:** I/We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium members or subcontractors or suppliers for any part of the contract is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists and have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization.
☐	☐	**Bankruptcy**: I/We have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future.
☐	☐	**Offer Validity Period:** I/We confirm that this Quote, including the price, remains open for acceptance for the Offer Validity.
☐	☐	I/We understand and recognize that you are not bound to accept any Quotation you receive, and we certify that the goods offered in our Quotation are new and unused.
☐	☐	By signing this declaration, the signatory below represents, warrants and agrees that he/she has been authorised by the Organization/s to make this declaration on its/their behalf.

Signature: _____

Name: Click or tap here to enter text.

Title: Click or tap here to enter text.

Date: Click or tap to enter a date.

ANNEX 3: TECHNICAL AND FINANCIAL OFFER - GOODS

Bidders are requested to complete this form, sign it and return it as part of their bid along with Annex 2: Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.
RFQ reference:	Click or tap here to enter text. Date: Click or tap to enter a date.

Currency of the Quotation: Click or tap here to enter text.

INCOTERMS: Click or tap here to enter text.

Item No	Description	Qty	UoM	Qty	UoM	Unit price	Total price
1	Project Manager	1	Person	8	Months		
2	UI/UX Designer	1	Person	8	Months		
3	Back End Developer	1	Person	8	Months		
4	Front End Developer	1	Person	8	Months		
5	App Developer	1	Person	8	Months		
6	Infrastructure Engineer	1	Person	8	Months		
7	Other (specify)						
						Total Price	
						Maintenance Fee	
						Insurance Price	
						Training Price	
						Other Charges (specify)	
						Total Final and All-inclusive Price	

For optional Software Enhancement							
Item No	Description	Qty	UoM	Qty	UoM	Unit price	Total price
1	Project Manager	1	Person		Months		
2	UI/UX Designer	1	Person		Months		

3	Back End Developer	1	Person		Months		
4	Front End Developer	1	Person		Months		
5	App Developer	1	Person		Months		
6	Infrastructure Engineer	1	Person		Months		
7	Other (specify)						
					Total Price		
					Maintenance Fee		
					Insurance Price		
					Training Price		
					Other Charges (specify)		
					Total Final and All-inclusive Price		

Compliance with Requirements:

	You Responses		
	Yes, we will comply	**No, we cannot comply**	**If you cannot comply, pls. indicate counter - offer**
Minimum Technical Specifications	☐	☐	*Click or tap here to enter text.*
Delivery Term (INCOTERMS)	☐	☐	*Click or tap here to enter text.*
Delivery Lead Time	☐	☐	*Click or tap here to enter text.*
Warranty and After-Sales Requirements	☐	☐	*Click or tap here to enter text.*
Validity of Quotation	☐	☐	*Click or tap here to enter text.*
Payment terms	☐	☐	*Click or tap here to enter text.*
~~Other requirements~~ *[Provide physical sample for each item which deliver to UNDP Indonesia head office (Menara Thamrin Building)]*	☐	☐	

Other Information:

Estimated weight/volume/dimension of the Consignment:	*Click or tap here to enter text.*
Country/ies of Origin: (*if export licence required this must be submitted if awarded the contract*)	*Click or tap here to enter text.*

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.	
Exact name and address of company	Authorized Signature:
Company Name*Click or tap here to enter text.*	Date:*Click or tap here to enter text.*

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Address: Click or tap here to enter text.	Name:Click or tap here to enter text.
Click or tap here to enter text.	Functional Title of Authorised Signatory:Click or tap here to enter text.
Phone No.:Click or tap here to enter text.	
Email Address:Click or tap here to enter text.	Email Address: Click or tap here to enter text.