

Solicitation Title:	Technical Support for Strengthening Proficiency Test for Antimicrobial Susceptibility Test (PTAST) (2 Positions)
Solicitation Number:	STRIDES-003
Submit Questions and Proposal to:	Procurement.STRIDES.th@fhi360.org
Date of Issue of RFP:	7 October 2026
Date Questions from Supplier Due:	13 October 2026
Date Answers due from FHI 360:	14 October 2026
Date Proposal Due:	14 October 2026
Approximate Timeframe Consultant Agreement Issued to Successful Candidate(s):	Working Days: 50 days Period: 1 November 2026 – 31 March 2027
Method of Submittal:	
Respond via e-mail with attached document in pdf format. Pricing should be provided in Excel format unless otherwise specified.	
Quote Validity:	
The Consultant agrees to hold the prices in its offer firm for 30 days from the date specified for the receipt of offers unless another time is specified in the addendum of the RFP.	

Background

The Strengthening Infectious Disease Detection Systems (STRIDES) project, implemented by FHI 360, invites qualified individual/organizations to submit proposals to facilitate standardized proficiency testing and continuous quality improvement. This project has been focused on national, reference and high-performing laboratories within the human health sector across Asian countries. It seeks to enhance diagnostic accuracy, promote harmonization of laboratory practices, and support regional efforts in AMR surveillance and control.

The PTAST 2026 is under the collaboration between Faculty of Veterinary Science, Chulalongkorn University Veterinary (CU VET), FAO Reference Center for Antimicrobial Resistance and FHI 360 under Strengthening Infectious Disease Detection Systems (STRIDES) Project. It is part of the tasks to develop AMR laboratory capacities in livestock sector and to reinforce national AMR surveillance associated with food animals and their products in Southeast and South Asia. The purpose of the PTAST is an independent

external evaluation control of AST to increase the quality of laboratory-based surveillance of AMR. The laboratories that are involved in national AMR surveillance are encouraged to participate in.

Scope of Work

The consultant will support the full PTAST technical cycle, including confirmation of bacterial identity and AST profiles, preparation and lyophilization of PT strains, homogeneity and stability testing, packaging and shipment of PT materials, analysis of participant results, and compilation of technical information for the PTAST evaluation report.

To ensure the quality, consistency, and reliability of PTAST materials and results through bacterial strain identification and confirmation, antimicrobial susceptibility testing, preparation and verification of lyophilized strains, secure packaging and shipment, and analysis of participating laboratory results.

Activity and Anticipated LOE

Activity	Anticipated LOE
Activity 1: Bacterial identification and confirmation of PT test strains Prepare selective media/reagents; identify and confirm strains using standard culture and biochemical methods; prepare samples for MALDI-TOF confirmation; compile and submit results.	15 days (120 hours)
Activity 2: Antimicrobial susceptibility testing (AST) of PT test strains Prepare media, antimicrobial agents and reagents; perform AST using Sensititre according to standard procedures; compile and submit AST results.	15 days (120 hours)
Activity 3: Preparation of bacterial strains for lyophilization Prepare media/materials; culture and prepare strains; transfer prepared strains to the lyophilization service provider.	10 days (80 hours)
Activity 4: Homogeneity and stability testing Prepare media/reagents; recover lyophilized strains and verify viability; perform AST and compare with pre-lyophilization results; repeat testing where necessary; compile and submit results.	20 days (160 hours)
Activity 5: Packaging of PT materials for shipment	10 days (80 hours)

Package PT strains, instructions and result forms in UN3373-compliant packaging; verify package contents before shipment.	
Activity 6: Analysis of results submitted by participating laboratories Check completeness and accuracy of submitted data; analyze results by laboratory and bacterial species/test strain; compile and submit analysis results.	15 days (120 hours)
Activity 7: Compilation of information for PTAST evaluation report Compile laboratory testing, stability/viability, shipment, participant submission and analysis information required for the PTAST evaluation report.	15 days (120 hours)

Deliverable and Required Outputs:

Deliverables/Milestones and Required Outputs	Submission Date
Deliverable 1: Bacterial identity and AST profiles confirmed and documented before sample preparation/distribution	30 November 2026
Deliverable 2: Lyophilized PT strains verified for viability and AST characteristics; PT materials packaged and checked before shipment	30 November 2026
Deliverable 3: Viability and AST characteristics verified after delivery and at the participant result-submission deadline, with repeat testing as required	31 December 2026
Deliverable 4: Participant data checked, compiled and analyzed by laboratory and bacterial species/test strain	31 January 2027
Deliverable 5: Relevant technical information compiled for preparation of the PTAST evaluation report	31 March 2027

Location of Work: Faculty of Veterinary Science, Chulalongkorn University, Bangkok Thailand

Travel: No travel required

Timetable and Address for Submission

Proposals are due no later than 4:00 PM (Thailand time) on Wednesday, October 14, 2026.

Required documentation listed below must be e-mailed to

Procurement.STRIDES.th@fhi360.org

Qualifications:

- At least 10 years of relevant experience in laboratory diagnostics, microbiology, AMR, EQA, or proficiency testing
- Demonstrated experience in implementing or supporting EQA/PT programs for clinical, public health, or reference laboratories
- A qualified technical expert with expertise in bacteriology, AMR, laboratory quality management, and EQA/PT
- Demonstrated experience in laboratory quality improvement and performance assessment, including identification of gaps and recommendations for corrective actions
- Adequate technical and laboratory capacity to support the required EQA/PT activities and ensure appropriate quality and biosafety practices
- Previous experience working with national/reference laboratories, government institutions, or international organizations is preferred
- Demonstrated ability to coordinate and deliver the required activities and deliverables within the agreed timeline
- Ability to coordinate effectively with the NIH as the PT provider and participating laboratories
- Demonstrated capacity to manage multiple participating laboratories and maintain clear communication and documentation throughout the activity

Evaluation Criteria: Proposals will be evaluated in accordance with the following criteria:

Evaluation will be based on past experiences, technical expertise in AMR, bacteriology, priority pathogen detection, laboratory diagnostics, EQA/PT, and laboratory quality improvement. Ability to coordinate multiple laboratories, manage timelines, documentation, communication, and deliverables

Required Documentation: Proposals must include the following components:

- Technical Proposal responding to the Statement of Work (SOW), including proposed methodology and work plan.
- Financial Proposal, including the completed and signed Quotation Submission Form.
- CV or portfolio in English demonstrating the skills and knowledge to provide this service or similar past experiences.
- Company profile and business registration documents (for firms, if applicable)

All documents must be submitted in English and signed by an authorized representative, where applicable.

FHI 360 Disclaimers

- FHI 360 may perform a background check on any selected Consultant candidates.
- FHI 360 may cancel the solicitation and not award
- FHI 360 may reject any or all responses received
- Issuance of the solicitation does not constitute an award commitment by FHI 360
- FHI 360 reserves the right to disqualify any offer based on failure of the offeror to follow solicitation instructions
- FHI 360 will not compensate any offeror for responding to solicitation
- FHI 360 reserves the right to issue award based on initial evaluation of offers without further discussion
- FHI 360 may choose to award only part of the activities in the solicitation, or issue multiple awards based on the solicitation activities
- FHI 360 reserves the right to waive minor proposal deficiencies that can be corrected prior to award determination to promote competition
- FHI 360's supplier terms and conditions can be found [here](#) while our consultant terms and conditions can be found [here](#)

Annex 1
Quotation Submission Form

Name – Surname or Company Name
Address:
(Contact details: email and mobile number)

Quotation

Family Health International

130-132 Sindhorn Building, 19th Floor, Tower3, Wireless Road, Lumpini,
Pathumwan, Bangkok, 10330, THAILAND

Date:

Item	Description	Qty/Day	Unit Price	Amount (THB)
	GRAND TOTAL			

Signed: _____

Name - Surname

Remark: The expert will be solely responsible for 3% withholding tax.