



TO:	All Bidders	FROM:	CTBTO Procurement Services Section
DATE:	22 October 2026	REF.:	RFP No. 2026-0101 /POLONSKAYA
		EMAIL:	procurement@ctbto.org
SUBJECT:	Questions and clarifications regarding RFP 2026-0101 “Provision of Services for Development and Evaluation of a Modern Infrasound Source Categorization Algorithm on a Call-Off-Basis”		

Dear Bidders,

Reference is made to the Request for Proposal No. 2026-0101 pertaining to the Provision of Services for Development and Evaluation of a Modern Infrasound Source Categorization Algorithm on a Call-Off-Basis (the “RFP”).

Please find attached the Commission’s clarifications in response to questions raised by interested bidders.

The attached clarifications shall be an integral part of the RFP documents and shall be considered in the preparation and submission of Proposals.

We are looking forward to receiving proposals prior to the **submission deadline of 30 October 2026, 17:00 hours, Vienna (Austria) local time.**

Sincerely,

CTBTO Procurement Services Section

Attachments

Clarifications No. 1

RFP 2026-0101

Provision of Services for Development and Evaluation of a Modern Infrasound Source Categorization Algorithm on a Call-Off-Basis

Clarifications to questions received from potential bidders

22 October 2026

	Question	Response
1	Can/Will we get access to the output of the StaPro processing, i.e., classification labels (N, I, Ix, Ipx, Isx) and grouping? Currently, we can only get access to the IDCX entries in the IDC Oracle database which contain phase information (as I or N only and no *x labels) and no grouping information.	With reference to ToR sections 2, 5, 11, outputs of phase classification from StaPro are stored in IDCX.ARRIVAL.IPHASE. All infrasound phase names will be in this column. As for grouping information, this is not stored in the database, but there are files stored in the system and bidders will have access to the StaPro code, as well as all the parameter files used in processing.
2	Can/Will we get access to the human review of all the StaPro outputs, i.e., the review of all classification labels (e.g., N->I as mentioned in the proposal call document)? The IDCX tables do not contain any human-reviewed StaPro outputs information. Only the LEB provides this information but after network-wide association which potentially discards a lot of real infrasound signals.	With reference to ToR sections 2, 5, 11, phase relabelling can occur in multiple steps. GA and NET-VISA can both relabel phases, as well as the analysts. In order to see if a phase has been relabeled bidders need to compare iphase with phase. For example, LEB.ARRIVAL.IPHASE vs LEB.ASSOC.PHASE will yield which detections analysts reclassified.
3	Are there any computational cost requirements for the new method replacing StaPro?	With reference to ToR sections 4, 5, 8, 9, 10, 11, 12, computational costs can be discussed during the project but should stay within bounds as specified in ToR. In general, there are multiple parallel processing units to process the data. The current system averages about 1 sec per data unit (~30 min). Bidders are requested to prepare their financial proposals in accordance with the Price Response Form, ensuring that all applicable costs associated with meeting the ToR requirements are duly reflected in their proposed prices.
4	What is your definition of the "same source" for the grouping task at a given array? Is the grouping intended to capture only multi-pathing or also complex source mechanisms?	With reference to ToR sections 2 and 5 the definition of the same source comes from the parameter files that StaPro reads. Currently there is no distinction between multi-pathing or source mechanisms. Grouping is based off of detection parameters such as back azimuth, time, frequency, trace velocity, etc. StaPro then uses matching equations to see if the two detection parameters are similar to group.
5	Are there constraints in terms of coding language and the use of external Python/C libraries?	With reference to ToR sections 4, 7, 8, 9, software is described in section 4 and 8 of the ToR. If additional libraries are required, they can be either added to the operating system baseline or containers can be used.

6	The call states "The Contractor shall provide the ability within the new algorithm to easily update and add new features or inputs for the advancement of the methodology". How flexible should the model be in terms of inputs? I assume that the baseline model should use the PMCC outputs. However, should the new model also consider completely different inputs such as waveforms?	With reference to Sections 2, 3, 4 and 8 of the Terms of Reference (ToR), this requirement relates to potential future advancements in technology and methodology. The proposed algorithm should therefore be sufficiently flexible and adaptable to accommodate additional factors or parameters, further calibrations, the identification of additional phases, and the integration of more advanced wind or atmospheric models. Regarding waveforms, bidders may propose their preferred approach to phase classification. However, future developments may involve the use of waveforms or spectrograms to support more advanced machine learning techniques. The overall objective is to obtain a solution that not only improves current operational performance but also allows for future updates and enhancements to accommodate technological and methodological advancements in the field.