

Clarification Response to the potential Bidders for the activity Android Based Survey

Parcel Definition and Scope

- What is the official definition of a "parcel" for this assignment (e.g., ownership-based, physical demarcation)?

A portion of land that is legally recognized and recorded in property records.

- Will the mapping include unregistered or informally occupied parcels?

Yes, all building blocks are part of the mapping.

- Are there differences in mapping requirements for urban, rural, and peri-urban areas?

Not as such.

- Should our methodology include a buffer for additional or unlisted parcels that may emerge during fieldwork?

Yes, especially in case of errors of digitization where two buildings have been merged and appear as a single unit.

Parcel Mapping Process and Technology

- Kindly share a detailed workflow or flowchart of the Android-based parcel mapping process.
 - i. **Surveyors' hiring by the firm and sharing information with the PULSE**
 - ii. **NOC request through letter by PULSE through annexure of surveyors' list**
 - iii. **Community engagement sessions and public awareness by the Community engagement firm (a separately hired specialized firm)**
 - iv. **Master trainers and Surveyors training on android tool along with mock exercise**
 - v. **Initialization of actual survey.**
 - vi. **QA by the firm through dashboard and reconciliation by the PULSE**
 - vii. **Survey team revisits for field-level corrections (if QA rejects data) and office-based corrections (e.g., spelling errors) as needed**

- Will base maps, existing cadastral records, or any spatial layers be provided to initiate mapping?

Yes, the map will be available through android app.

- What coordinate system and GPS accuracy level is required in the data collection?

UTM = Coordinate system, GPS accuracy is locked up to 50-100 meter

- Are there any hardware/software specifications required for the Android devices?

Not specific.

- Will technical support (e.g., troubleshooting, updates) be available to field teams?

Yes.

Recruitment and Field Deployment

- Are there any geographical or administrative restrictions on hiring data collectors from outside the target districts?

This will be service providers' own management.

- Is approval or support required from local authorities before field deployment?

Yes, PULSE will support to get all government department related approvals

- Will PULSE or the Board of Revenue provide access/introduction letters for field teams?

Yes, No Object Certificate (NOC) will be issued by the concerned district government office. The concerned surveyors information will be provided by the firm. PULSE will share this information through request letter to the district government office.

Questionnaire and Time Estimations

- Can you share a sample or full version of the questionnaire to assess complexity?

Yes, android tool is already developed and survey form is uploaded at

<https://pulse.gop.pk/>.

- What is the estimated average time to complete a full parcel survey, including GIS mapping, owner interview, photos, and document verification?

10 minutes approximately.

- Is there a recommended or average parcel survey duration based on previous experiences?

Described above.

- Should daily output estimates include buffer time for refusals, community engagement, or access issues?

Yes.

Parcel Numbers and Validation

- Are the parcel numbers shared for each district (Chiniot: 561,180; Mianwali: 870,047; Vehari: 1,186,249) final and verified?

Provided number is estimated target and it may increase or decrease in actual.

- Will parcel numbers be updated or revised post initial field verification? If yes, what is the estimated variation margin?

Yes, 2-5%

Methodology and Proposal Submission

- Should the detailed methodology be submitted as a separate annex or integrated into the main technical proposal?

There is no specific requirement to submit on a format, may be submitted in any format along with bid.

- Is there a specific format, template, or page limit for the methodology submission?

No.

Field Operations and Working Hours

- Are there any constraints on field working hours (e.g., daylight-only restrictions)?

It will be your own arrangement.

- Will prior permissions from local communities or authorities be required for field access, and will client support be provided for these?

Yes, already elaborated above.