

**PRE-BID MEETING FOR THE PROCUREMENT OF ANDROID-BASED SURVEY FOR  
PRECISE CADASTRAL MAPPING OF THREE (03) DISTRICTS (LAHORE, SAHIWAL  
KHANEWAL) IN PUNJAB UNDER PULSE PROJECT. (LOT-1, LOT 2 & LOT 3) (PK-  
BOR PUNJAB-431110-NC-RFB**

Above noted meeting was arranged as per following details/schedule:

**Meeting Date:** July 04, 2024 (Thursday)

**Timings:** 11:00 AM – 12:00 PM

**Venue:** PMU-BOR, PULSE

**Internal Participants of the meeting (PMU- PULSE):**

- i. Mr. Faiz Ul Hassan (Project Coordinator-PIU) (Chair).
- ii. Muhammad Afzaal Amin Rana, Procurement Specialist (PIU-PLRA), (Member).
- iii. Mr. Nasir Ashraf, GIS Specialist (PMU-PULSE), (Member).
- iv. Mr. Rana Sohail Aslam, GIS Specialist (PIU-PULSE), (Member) Through Video Link
- v. Mr. Iftikhar Hussain Zaidi, Financial Management Specialist, (PMU BOR) (Member)
- vi. Mr. Rizwan Khalid, Procurement Specialist (PMU-PULSE), (Secretary).

**External participants of Meeting (Representatives of firms)**

- i. Mr. Aamer Amin, Team Lead, M/s Asian Consulting Engineers Lahore.
- ii. Mr. Asif Wadood, Manager, M/s ER Solution, Lahore.
- iii. Mr. Faisal Majeed, Director, M/s The Spatio, Lahore.
- iv. Mr. Atif Saleem, Project Manager, M/s Rehman Habib Consulting, Lahore.

The Chair welcome all the participants and asked the external participants / firm's representatives to submit their queries regarding above noted RFB; The Firms submitted their queries through mail and in person as under: -

S.N	Queries of participants	Response
1	Please clarify the mode of Bid Security.	<p>Please refer to Section II-Bid Data Sheet (BDS), ITB 20.1, The Bidder shall furnish as part of the Technical Part its Bid, a Bid-Securing Declaration in original form for each LOT.</p> <p>A Bid Securing Declaration shall use the form included in Section IV, Bidding Forms.</p> <p>The Bid Securing Declaration shall be on the company letter head.</p> <p>Please refer to Section I - Instructions to Bidders, 20.8 as reproduced below: -</p>

		The Bid Security or Bid-Securing Declaration of a JV must be in the name of the JV that submits the Bid. If the JV has not been legally constituted into a legally enforceable JV at the time of Bidding, the Bid security or Bid-Securing Declaration shall be in the names of all future members as named in the letter of intent referred to in ITB 4.1 and ITB 12.5.
2	Please clarify whether value of Project of contract of PKR 411 million in Lot-1 is required for single contract or more than one contracts of required value shall also be considered?	The bidders shall have one similar contract of required value in order to qualify for the respective Lot, whereas the bidder shall meet the combined requirement for combination of Lots as mentioned in para 5, Section 3 of the RFB in case the bids are submitted and are successful for multiple lots.
3	Please clarify that what will be the basic accounting unit for compliance of project and billing?	Payment shall be made on the basis of number of filled form (complete in all respect) of each property (for individual parcel) with ownership evidence. Special Note in Section VII (Activity Schedule) is also given in RFB Document.
4	What details for rental properties to be obtained?	All the details will be captured through android application which will be provided by PULSE. (Questionnaire is attached for details)
5	How should split or merged properties at own level shall be treated?	Split or merged properties shall be treated as per legal ownership documents of property. However, service provider shall point out such properties in manual drawing and submit with the form if Android tool does not offer related geometry tool. However, said facility will be made part of android based application.
6	How flats or multi ownership plazas shall be treated?	Data shall be collected according to the ownership of each property and each unit.
7	Kindly provide the details on the specifics of ownership occupancy and related data to be collected during door to door survey or not?	An android based form is designed for the collection of survey data, which may be installed to probe. (Questionnaire is attached for details)
8	Ownership records of rights are to be collected during door-to-door survey or not?	Yes, ownership records have to be collected.
9	The Splitting and merging of parcels in accordance with the ground reality will be conducted using the android application or on hard maps.	Currently, splitting and merging option / functionality is not available in the android application and therefore recommended to use hard copy of map for the said purpose. However, said facility will be made part of android based application.
10	Please clarify whether the parcel data will be provided to the firm for updating purposes or the same will be provided in android application?	Parcel data will be available through Android Application provided to the firm. The survey firm is responsible for collection of correct information only.



11	Whether Information Communication Education (ICE) Material in printing form will be provided it the firm or firm will have to print all material.	ICE material will be provided by PULSE for distribution and social mobilization activities.
12	Demonstration of android application and digitized parcel may kindly be arranged in Pre-Bid Meeting.	Brief on android application was made in the meeting. Sample Form is attached.
13.	What Android Version required in Gadget for Android Base Survey.	Latest Android Version is required in Gadget for Android based Survey.
14.	How much memory shall be required in Gadget for Android Based Survey.	32 GB is sufficient and may be upgraded on need basis.
15.	GCP Location is not good in remote areas. What remedy shall be adopted for this problem.	For this purpose, the already developed Android tool provides a parcel-based selection method to facilitate the process.
16.	What shall be survey Strategy. Either Door to door or Specific Points.	The Survey shall be conducted through Door-to-Door visit.
17.	What are the qualification requirements for Joint Venture (JV) Firms?	Please refer to Section III - Evaluation and Qualification Criteria, Page-47 of Bidding Documents, Each Partner in JV firm shall fulfill the requirements as per criteria.
18.	How Multiple Contracts shall be evaluated?	Please refer to Section III - Evaluation and Qualification Criteria, Para 5 Multiple Contracts.
19.	What is the Accuracy of GPS?	GPS accuracy of a mobile should with 3-5 meters. However, the android tool facilitates to fill the form within a 50-60 meters buffer zone. In case of weak GPS signals and low positional accuracy, the firm will conduct visual interpretation to identify land plots using parcel data available through Android Application.

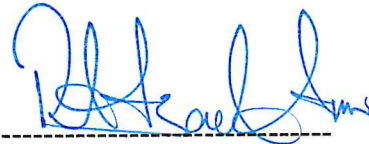
There shall be no change in bid submission Date. The meeting ended with a mutual vote of thanks.

Handwritten signatures in blue ink, consisting of several stylized, overlapping scribbles and lines.



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**Mr. Rizwan Khalid**  
Procurement Specialist, PMU-BOR  
(Member)




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**Muhammad Afzaal Amin Rana**  
Procurement Specialist, PIU-PLRA  
(Member)



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**Mr. Nasir Ashraf**  
GIS Specialist, PMU-BOR  
(Member)



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**Mr. Rana Sohail Aslam**  
GIS Specialist PIU-PLRA  
Co-opted Member



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**Mr. Iftikhar Hussain Zaidi**  
FM Specialist PMU-BOR  
(Member)

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**Mr. Faiz Ul Hassan,**  
Project Coordinator-PIU  
Chair, PMU-BOR Procurement Committee

Property Basic Information (Auto Synced)			
Division		District	
Tehsil		Mauza /Society /Mohalah	
Phase		Block / Ward	
Rating Area		Locality	
Zone		Circle	
Parcel ID		Visit Date	

Label Previous Khasras and Parcel Area	<input type="checkbox"/> Visualize		
Attached Property Picture			
No of Visits:	Auto		
Property Detailed Information (To be Filled...)			
Land Type	<input type="checkbox"/> Structured/Constructed <input type="checkbox"/> Plot/Open Land		
Land Owned By:	<input type="checkbox"/> Private Individual(s) <input type="checkbox"/> State Land <input type="checkbox"/> Other		
Property Type:	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Commercial & Residential <input type="checkbox"/> Industry <input type="checkbox"/> Educational Facility	<input type="checkbox"/> Health Facility <input type="checkbox"/> Government Office <input type="checkbox"/> Graveyard <input type="checkbox"/> Park <input type="checkbox"/> Police Station <input type="checkbox"/> Sui Gas	<input type="checkbox"/> WASA <input type="checkbox"/> Religious <input type="checkbox"/> Live Stock <input type="checkbox"/> Bus Stand <input type="checkbox"/> 1122 Office <input type="checkbox"/> Other
Sub Property Types:	<input type="checkbox"/> School <input type="checkbox"/> College <input type="checkbox"/> University	<input type="checkbox"/> Clinic <input type="checkbox"/> Hospital	
Interview Status	<input type="checkbox"/> Information Available <input type="checkbox"/> information not available <input type="checkbox"/> Locked		
E&T PIN (Optional)			

### PLRA RECORD NEED VERIFICATION

Property Detailed Information (Synch Auto Fill from PLRA Record (Linked Label Previous Khasras and Parcel Area))	
first_name	
relation_name	
last_name	
nic	
khasra_no	
total_area	

Note; Editing rights Will be given to Surveyor

Ownership Information (In case of new owners)						
Sr #	Name	S/O, D/O,W/O	Father Name/Husband Name	Gender	CNIC	Mobile No.
1.				<input type="checkbox"/> Male		
2.				<input type="checkbox"/> Female		
3.				<input type="checkbox"/>		
...				Transgender		

<b>Occupancy Details</b>	<input type="checkbox"/> Self-Resident <input type="checkbox"/> Tenant
<b>Area</b>	<input type="checkbox"/> K <input type="checkbox"/> M <input type="checkbox"/> SQFT
<b>Year of Construction</b>	<input type="checkbox"/> YYYY
<b>Ownership Document:</b>	<input type="checkbox"/> Utility Bills <input type="checkbox"/> CNIC <input type="checkbox"/> Mutation Document <input type="checkbox"/> Sale Agreement <input type="checkbox"/> Allotment Letter <input type="checkbox"/> Register Deed <input type="checkbox"/> Fard <input type="checkbox"/> PTD <input type="checkbox"/> PT1 <input type="checkbox"/> PTO <input type="checkbox"/> Other _____ <i>Note; Attached Picture after Selection of Document Type</i>
<b>Remarks</b>	

The image shows four distinct handwritten signatures in blue ink, arranged horizontally. From left to right: a stylized signature with a sharp peak, a signature with a large loop and a tail, a signature with a large loop and a long tail, and a signature with a large loop and a short tail.