

दिल्ली छावनी परिषद  
Delhi Cantonment Board  
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No.DCB/8/C-19/2020-21

Dated 05<sup>th</sup> April, 2021

**SUB : SURVEY, DEMARCATION AND TOPOGRAPHICAL SURVEY OF DEFENCE LAND, CIVIL AREAS, CIVILIAN POCKETS AND OTHER LAND PARCELS, SLUM POCKETS ETC. SURVEY OF PROPERTIES/ HOUSES, PROVIDING UNIQUE HOUSE NUMBERING SYSTEM WITH REQUIRED MODULES, GEO MAPPING OF UNDERGROUND UTILITIES, DESIGNING OF WEB GIS, PREPARATION OF BASE MAP OF DELHI CANTONMENT USING DGPS, ELECTRONIC TOTAL STATION AND LATEST SURVEYING TECHNIQUES FOR DELHI CANTONMENT, DELHI CANTT - 110010.**

Reference Bid Evaluation Committee report dated 17.03.2021 wherein after scrutiny of four bids received in response to NIT for the work of "Survey, Demarcation and Topographical survey of Defence land, Civil areas, Civilian pockets and other land parcels, slum pockets etc. Survey of properties/ houses, providing unique house numbering system with required modules, Geo mapping of underground utilities, designing of Web GIS, preparation of base map of Delhi Cantonment using DGPS, electronic total station and latest surveying techniques for Delhi Cantonment, Delhi Cantt - 110010". Bid submitted by the following bidders were declared responsive and non-responsive:

Responsive bidders	Non-responsive bidders
M/s Remote Sensing Instruments	M/s CE Info Systems Pvt. Ltd.
M/s Geo Vista Technologies Pvt. Ltd.	M/s Sidhu Survey Service

2. Further in terms of provisions contained in the Clause 10.3 of the RFP documents following two responsive bidders made presentation of their proposal and methodology etc proposed for the work on 23.03.2021 at 1100 hrs in the office of the Chief Executive Officer, Delhi Cantonment Board, Delhi Cantt.

3. M/s Remote Sensing Instruments made presentation of their proposal and methodology proposed for the implementation of the project before the Bid Evaluation Committee. The presentation made by Sh. B.V. Ramana Kumar, CEO, M/s Remote Sensing Instruments covered various aspects stages and methodology proposed for execution of mandate provided in scope of work and objective of the proposed project as per Clause 11.4 & 12 of the RFP. The company presented their methodology for DGPS survey of peripheral boundary pillars and internal land polygons comprising of different classification of lands viz Class A-1, Class A-2, Class B-1, Class B-2, Class B-3, Class B-4, Class C etc by establishing ground control points in every 1 sqkm. They also presented methodology for procurement of satellite imagery, Geo referencing of satellite data, Ortho-rectification of images, DEM general and mosaicking of satellite data, Geo referencing of maps, digitization of maps and generation of base layers with various layers & attributes as per RFP. The company explained in detail the methodology they will be adopting for feature extraction for high resolution satellite image to provide desired deliverables. The company also explained their understanding towards area compilation and reconciliation of areas computed, calculation of area under encroachment and to provide

*[Handwritten signatures]*

recommendations/ suggestions to resolve area anomalies etc. The company also presented methodology to be adopted for survey, mapping and Geo-referencing of underground utilities viz electrical cables, telcom cables, underground pipe lines and their characteristics, sewerage lines etc in provide true presentation of type of services provisioned underground, type of material, their depth below ground level etc. The company also presented methodology they would be adopting for property survey and Geo tagging of properties and how company proposes to carry out physical/ onsite door to door digital survey using mobile tools, its validation and integration of existing property tax and other tax modules being used by Cantt Board. The company also presented methodology for generation of various attributes as required by Cantt Board Delhi alongwith proposed property survey including capturing and presentation of digital photograph of the property as per RFP.

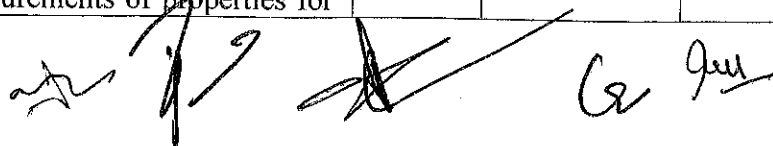
Representative of M/s Vassar Labs IT Solutions Pvt. Ltd. (Consortium Member with M/s Remote Sensing Instruments) gave presentation of web designs as per RFP requirements for web based Geo spatial analytics, real time data integration from various sources, interactive/ intuitive layer controls with smart dash boards and data management tools.

M/s Geo Vista Technologies Pvt. Ltd. also made their presentation on the methodology proposed for the implementation of the project before the Bid Evaluation Committee. The presentation on behalf of M/s Geo Vista Technologies Pvt. Ltd. was made by Sh. P Krishna Mohan, Vice President-Operations, M/s Geo Vista Technologies Pvt. Ltd. The presentation covered their understanding of the project, proposed approach and methodology of the project, digital sequential addressing solutions for various properties as per mandate of RFP, delineation of door numbering system proposed, Geo tagging and property survey through door to door survey, mapping of underground utilities and proposed architecture for web designs solutions. The company also presented their proposal on training and capacity building and technical support to be extended for implementation of the project after go-live. The Bid Evaluation Committee noticed that as regards company understanding project is concerned, the company in its presentation has reiterated scope of work and objectives enumerated in the RFP documents, however, the company has not specifically covered aspects as regards to their methodology and approach for checking, establishing peripheral boundary pillars of the Cantonment and internal land polygons of various classification of land viz Class A-1, Class A-2, Class B-1, Class B-2, Class B-3, Class B-4, Class C etc. The company did not cover aspect of their understanding on base map preparation of Delhi Cantonment and representation of multi spatial layers on base map as per RFP requirement. Further the proposed approach and methodology of the company for delineation of door numbering system in Delhi Cantonment was not found in conformity with the RFP requirements.

After presentation by the responsive bidders, the Bid Evaluation Committee considered technical bids submitted by both the bidders and the Bid Evaluation Committee allotted points as required for QCBS evaluation formula (provided under Clause 10.1 of the RFP documents), and the marks allotted to the bidder on the parameters mentioned under Clause 10.3 of the RFP documents (Page No.16 to 18) by the Bid Evaluation Committee are as under:-


S.No	Criteria	Max Points	M/s Remote Sensing Instruments	M/s Geo Vista Technologies Pvt. Ltd.
A	Commercial & Professional Strength of the Bidder /Consortium	10	10	10
	The Bidder/ Lead Partner and Consortium member must have cumulative turnover of at least INR 10 crores for during last three financial years as on 31st March, 2020. (In case of			

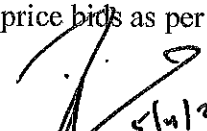
	<p>Consortium, at least 60% of the turnover criteria shall be met by the Lead Bidder and the remaining can be fulfilled by the other Consortium Member)</p> <p>1. = INR 10 Cr. and &lt; INR 12 Cr. : 5 marks  2. = INR 12 Cr. and &lt; INR 15 Cr. : 7 marks  3. = INR 15 Cr. and &lt; INR 20 Cr. : 8 marks  4. = INR 20 Cr. and &lt; INR 25 Cr. : 9 marks  5. Above INR 25 Cr. : 10 marks</p>			
B	Experience of the Bidder	50		
	<p>The Bidder /Lead Partner or Consortium member should have demonstrable expertise and experience in successful implementation of GIS based projects in last 5 years with 3 (three) successful GIS projects having a cumulative value of 4 crores, with a minimum value of Rs. 50 Lacs for each of the project.</p> <p>Minimum one of the above mentioned project should be for ULB/Government Organization/ Department/ Private Organization. The value of hardware will not be considered for qualifying against this criterion.</p> <p>3 Projects = 12 marks, with every additional project = 2 marks maximum 20 marks</p>	20	20	20
	<p>The Bidder/ Lead Partner or Consortium member should have demonstrable expertise and experience in creation of base maps with creation of Spatial Layers based on ground Verification and Physical Survey at least 1 (One) project for ULB/Government Organization/ Semi - Govt. Organization/ Autonomous body/PSUs, with a minimum value of Rs. 50 Lacs of the project.</p> <p>1 Projects = 6 marks, with every additional project = 1 marks maximum 10 marks</p>	10	09	09
	<p>The Bidder/Lead Partner or Consortium member should have experience in handling and successful completion of any project based on; GIS (Geographic Information System) or/and GPR (Ground Penetrating Radar) &amp; Other Non-Penetrating Techniques for ULB/Government Organization/ Semi - Govt. Organization/ Autonomous body/PSUs.</p> <p>1 Projects = 6 marks, with every additional project = 1 marks maximum 10 marks</p>	10	09	10
	<p>The sole Bidder or any Member of Consortium should have successfully completed atleast 01 (One) project for door to door field survey data collection using mobile/ hand held electronic devices including measurements of properties for</p>	10	08	07

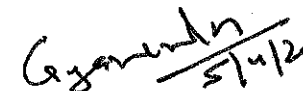


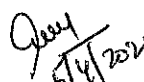
	atleast 25,000 properties in India in the last five years as on last date of bid submission in last five years for ULB/Government Organization/ Semi - Govt. Organization/ Autonomous body/PSUs.  1 Projects = 6 marks, with every additional project = 1 marks maximum 10 marks			
C	Technical Presentation	20	16	7.5
	Proposed Solution Architecture and Project Roll-out Plan <ul style="list-style-type: none"> <li>• Understanding of the project</li> <li>• Proposed approach &amp; methodology</li> <li>• Proposed Architecture of the Solution</li> <li>• Proposed value additions</li> </ul>			
D	Key Personnel	20		
	Project Manager	5	4.5	2.5
	Remote Sensing and GIS expert	5	5	5
	GIS developer	3	2.5	2
	Database Programmer / MIS Specialist	3	2.5	1.5
	Solution Architect	2	2	2
	Survey Manager (Social and Revenue)	2	1	1
	<b>TOTAL</b>	<b>100</b>	<b>89.5</b>	<b>77.5</b>

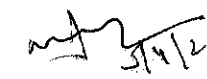
Based on above marks allocated by the Bid Evaluation Committee, for evaluation and award of contract as per QCBS formula provided under Clause 10.1 of RFP documents, the price bid of responsive bidders shall be opened by the Bid Evaluation Committee on 09.04.2021 at 1130 hrs in the office of the Cantonment Board Delhi, Delhi Cantonment. The interested parties may depute their representatives to witness opening of price bids as per their discretion.

  
(Alkesh Sharma)  
Executive Engineer

  
(Rakesh Rana)  
Asstt. Engineer

  
(Gyanendra Pal Singh)  
Programmer

  
(Sabu Jacob)  
Accountant

  
(Pawan Goel)  
Junior Engineer