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Tender for Data Collection and generation of Digital Archive for Spatial Data (GIS) for the purpose of Master Planning in Dundigal Municipality

SI	Clause	Specification as per RfP	Query	Clarification
1	Concept	In the bid, the bidder is required to show how the objectives defined are to be achieved.	<ul style="list-style-type: none"> • Can we tie up with Foreign Firms? Are German firms allowed to bid for this project as part of consortium? • In case of a consortium can the company with technical qualifications be led and supported by an associate company with turnover and financial credentials. With joint and several liabilities/responsibilities covered this can bring about the strength in the consultants' team. 	<p>Consortium with other firms is allowed. All the partners must be onboard at the time of bidding. The lead partner must be legally registered entity in India. The contract will be issued in favour of Lead Partner and in INR only.</p> <p>The bidder can hire the services of freelance consultants.</p> <p>Subcontracting the said assignment to different agency/outsourced agency is not allowed</p> <p>In case of entering into an consortium. The agency must submit the following documents within technical proposal.</p> <p>(a) Name of Lead Partner (first party) (b) Name of the Firm with whom the consortium is formed (c) Letter from 2nd party accepting the terms of consortium (financial & technical)</p>

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2	Context and Study area	Along with the three select Smart Cities, GIZ is also supporting the Municipality of Dundigal in the State of Telangana, to develop an organized digital database for formulating master of the municipality plan in future.	<ul style="list-style-type: none">• Please clarify the extent of the study area under Dundigal	About 67 Km2
2	Sub Task 2: Site visit plan	The visit plan should include strategies to conduct various surveys e.g. household surveys, traffic surveys, market surveys on real-estate/ industrial development demand, health surveys, education surveys, skill set surveys, water resource surveys, any other similar relevant surveys indicating to modify development conditions.	<ul style="list-style-type: none">• Please specify the Sample size desired for the household survey. Considering that the time period for all surveys is 30 days, we suggest that the sample size for household survey be kept at 1% of the HH population of the study area.	<ul style="list-style-type: none">• 20%-25% should be the sample size

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4	Sub Task 2: Site visit plan	Rapid existing land use verification and potential findings (Land Use shape files exist with State Revenue and Disaster Management Department. The awarded firm need to collect relevant existing data/shapefiles);	<ul style="list-style-type: none"> Please specify the currency of the existing landuse data available with the client 	<ul style="list-style-type: none"> The land use data is with Government department. It will be shared on approval of the parent department
5	Sub Task 1: Preparation of Existing Land Use and Land Cover map/ Spatio-temporal trend	a) Preparation of latest existing land use land cover maps;	<ul style="list-style-type: none"> Please clarify if Satellite Imagery for the study area is available with the client. If yes, please specify the resolution and year. If no, what is the desired source of satellite imagery for the task? 	<ul style="list-style-type: none"> GIS maps are available with Revenue Department. Latest satellite images if not available with state departments ten needs to be procured will be reimbursement on actuals.
6	Sub Task 3: Basic Services	Water Supply, Sanitation, Solid Waste, Drainage, Electric Supply, Power, Mobile Network, Radio waves, Internet, Roads	<ul style="list-style-type: none"> Please clarify if the data for these tasks need to be collected with the Household survey or latest data from studies like Swachha Survekshan Survey, SBM and sector DPRs, Census can be use for the same. 	<ul style="list-style-type: none"> Data needs to be collected through survey. However, the recorded census data and recent programme data will be the base to compare.

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7	Certain milestones, as laid out in the table below, are to be achieved by certain dates during the contract term, and at particular locations:	All data collection and December, site visits and perception 2020 study report	Please clarify of the timeline is December 2019 or 2020	It will be December 2019
8	Personnel concept: Team Leader	Education/training (2.1.1): Masters in Urban and Regional Planning/ Environmental Planning/ Urban Planning and Management	We request you to allow qualification of PhD in Urban Planning with Masters in Urban Design to allow personnel with extensive experience in this sector to be a part of the project.	You are requested to submit the bid. The GIZ committee carrying out the technical evaluation(s) will decide, whether the documents provided against each criteria, are meeting necessary parameters.
9	Expert 4 – Socio-economic Expert	General professional experience (2.5.3): 10 years in the field planning/ geography/ sociology/ environmental science/ communication equivalent	We request you to consider experience of 7 years in the field of planning/ geography/ sociology/ environmental science/ communication equivalent	We need a little more senior expert. 10 years' experience is preferred. The GIZ committee carrying out the technical evaluation(s) will decide, whether the documents provided against each criteria, are meeting necessary parameters.
10	Short-term expert pool with minimum 10, maximum 20 members	Education/training (2.6.1): communication/ social experts with university qualification in sociology/geography, planning experts with university qualification in	We request you to consider university qualification in Arts or Science with experience in the survey and data collection field for this position.	This can be considered only when extensive experience of survey is there (7 years of survey work) The GIZ committee carrying out the technical evaluation(s) will decide, whether the documents provided against each criteria, are meeting necessary parameters.

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		geography/planning		
11	Personnel concept		Regarding the team members and qualifications please let us know your views on the following: 1) <i>For Team leader position we have a matching qualified person with 19 years and 8 months experience. Will you consider this keeping in view the 20 yrs experience criteria as given in the Tender Document or does it have to be exactly 20 yrs and above.</i>	You are requested to submit the bid. The GIZ committee carrying out the technical evaluation(s) will decide, whether the documents provided against each criteria, are meeting necessary parameters.
			2) <i>For Project Coordinator position will you consider Bachelors Degree in Computer Applications (BCA) with 10 yrs plus work experience in GIS development, applications, data analysis).</i>	<i>The eligibility of expert needs to match specified qualifications mentioned in the ToR, thus cannot change as required qualifications has a purpose to serve in the project.</i>
			3) <i>For Data Analyst position will you consider Bachelors/Masters Degree in Computer Applications (BCA/MCA) with 10 yrs plus work experience in GIS development, applications, data analysis, data collection, climate change and environmental mapping.</i>	<i>The eligibility of expert needs to match specified qualifications mentioned in the ToR, thus cannot be considered.</i>
			4) <i>For GIS Expert will you consider MA Geography with 9.5 years' experience in urban GIS projects or it has to be exactly 10 yrs and above. Otherwise will you consider Degree in Computer Applications (BCA/MCA) with 10 years' experience in urban GIS projects.</i> <i>We are asking this as we have personnel with relevant experience in Urban GIS, data collection, data analysts with the above educational qualifications.</i>	<i>The eligibility of expert needs to match specified qualifications mentioned in the ToR, thus cannot be considered.</i>

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			5) Can you please describe more about the shape files available with the state Revenue and Disaster Management departments for example, which year data, are they geo-referenced etc.	Base map is available, which is georeferenced and in CAD. Basemap has roads, boundaries, common buildings, etc.
			6) Is it required to procure fresh satellite imagery for the project area?	It's up to consultant, however, may not be fresh, but the latest can be used.
			7) Can we use freely available Google Earth data?	for cross referencing only.
			8) You mention 20-year trend analysis every 5 yearly as per NRSC LULC classification. Is the data available with GIZ/any other agency or has to be procured by consultant? Can we use freely available Google Earth temporal data?	Free data can be used.
			9) You have mentioned Digital Elevation Model. Is the base data/raw data available? OR do we have to procure it? Can we use free open source data as per availability/if available?	Free data can be used but certain DGPS studies have been done in some areas, which can be used.
			10) Does this study require any terrestrial/field measurements using DGPS/Total station?	Yes, can be considered
			11) Can the contours data taken from secondary sources as per availability/if available?	Consultant needs to collect it from relevant department.
			12) Land Ownership typologies can be highlighted if the authentic data is provided by the government. procuring land ownership/revenue data will require full support from local government and may not be easy for private consultant. Any delay may affect timelines.	Consultant will be introduced by GIZ and Partner department to revenue department officials for receiving the ownership data. all the plans and discussions need to be done in close coordination with the government.

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			<i>13) Similarly building permission data will be required from Local municipality/panchayat office. Hopefully this will be facilitated by the government</i>	The local authority giving building permissions will be informed by our nodal partner department head for supporting the consultant. However, consultant has to initiate all these data gathering communications. GIZ can only facilitate if consultant fails in receiving it after trying all professional means.
			<i>14) The above two points may be time consuming. Have to factor in this aspect.</i>	With evident if justified reasons the timeline may extend to certain percentage only, if necessary but cost neutral.
			<i>15) Can you specify the Base Map layers? Will it include building footprint</i>	<i>As per TOR, all residential buildings can be drawn however all public buildings should have attributes.</i>
			<i>16) Are we aiming to build the Municipal GIS?</i>	Yes, this will enable municipality to work on MGIS
			<i>17) What is the level of accuracy of the GIS data?</i>	2 m
			<i>18) It is seen that in Indian conditions there is a mismatch between revenue parcel/polygon data and ground features and suitable corrections will need to be undertaken involving certain error percentage. Please clarify if these issues will figure in this assignment.</i>	We can discuss with the consultant and municipality based on the data available later. If this is not specified but required as a necessary action then some amendments may be made in the contract later with justification, depending on condition of data available to us.

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			<p>19) On page 8 of TOR you have mentioned 'selecting, preparing, training and steering the experts (international and national, short and long term)'. Kindly clarify this. Is this for international agencies or even for local agencies like ours. Does this mean that we need to keep international experts, will it help our technical score?</p>	<p>There are plans from GIZ to hire international expert/ consultancies to review work done by consultant selected through this contract. The international may also be involved in the training. So you have to be the local resource to translate ideas of training to the government as well as the international. It is not necessary to have International expert in your team but if you have that is okay.</p>
			<p>20. sribalka On page 12 you have mentioned 'Total travel is estimated for up to 8 trips with 2 travellers travelling for 3 days. Travel sectors, will be Telangana (Hyderabad and Dundigal), Delhi, Tamil Nadu (Coimbatore, Chennai) and Odisha (Bhubaneshwar/ any other).' Does this mean that the Dundigal team will be travelling from Dundigal, Hyderabad to other cities as well. Dundigal-Delhi is can be considered for project review etc. Dundigal -Tamil Nadu and Odisha...is this required for knowledge exchange/workshops?</p>	<p>It's mainly Hyd-Del, may be on trip to one of these places. Otherwise only Hyd-Del. The other locations are for knowledge exchange purpose. These other locations are the locations where GIZ SUDSC Cluster is working.</p> <p>Your team may be asked to demonstrate how you are doing it. May be one trip for single person.</p>