

**REPLY TO PRE-BID QUERIES FOR AUTOMATIC CHANGE DETECTION AND MONITORING SYSTEM USING HIGH RESOLUTION SATELLITE IMAGE
FOR GURUGRAM AND FARIDABAD DISTRICTS**

S.No.	Reference (Page No./ Para / Sub para No.)	Subject/ existing clause	Clarification Sought	Suggestions / Remarks (if any)	Department's reply
CEINSYS TECH LTD, NAGPUR, MAHARASTHRA					
1	20, 13.3 Pre-Qualification Criteria - Point No. 7	At least 1 Satellite based monitoring Web based GIS Application Projects for any Central Govt. of India/ any State Govt./Public Sector undertakings of Value more than Rs. 50 Lakhs each shall be furnished by the Bidder. Copy of work orders/ agreement and Completion or installation certificate		We request you to accept self declaration certificate from the bidder certified from CA for ongoing project.	Vendor can submit self declaration along with Work Order and copy of a letter from the Client Department's HoD/Nodal Officer of the Project regarding satisfactory performance of the vendor
2	24 15 Scope of Work	vii. Satellite Imagery based web application development.		We request you to provide detail requirement for the Web application. (platform, users, hardware & software)	Details already provided in the RFP at Section 15, point no. vii. Any third party software/licences like image server, RDBMS etc. on which the proposed web based / mobile application is dependent are to be provided by the bidder. For Hardware, please refer section 21 and 22 of the RFP
3	25 15 Scope of Work	vii - k - Prices must be indicated for permanent licensing only. vii - n - The solution shall include supply of all required licences/products/third party software for successful running and hosting of the application. The Department will not purchase any additional licences for database, OS, reporting tools, GIS software etc.		Please provide details of licenses to be deployed and GIS software to be used.	The Department uses Geomedia Professional desktop application for creation of the GIS data. Data is stored in SQL Spatial. However, for the purpose of the application to be developed under this project no software/licences will be provided by the Department. Bidder has to include the details of any third party software dependence in his technical bid and include the cost of such software/licences in his bid

SPINCLABS Pvt. Ltd.

1	Pg 14, Project Objective:	Development of a system for quarterly monitoring and immediate detection of construction activity so that action becomes possible in the budding stage itself, so that legal action gets initiated fast and the site gets restored to its original state	Please clarify the expectation of the term "immediate detection" with specific timeline		To be detected during quarterly change detection as per the timelines defined in the RFP
2	Pg No. 22, Point No. i	<p>Scope of Work:</p> <p>Quarterly procurement of PAN-sharpened satellite same sensor data (high resolution panchromatic merged with lower resolution multispectral imagery to create a single high-resolution color image) of 80 cm resolution (or better).</p>	<p>It is observed that procurement of archive Satellite Imagery from NRSC takes approximate 90 days.</p> <p>1. The project timeline suggested is not feasible</p> <p>2. To detect the recent changes, quarterly fresh tasking of the image is to be done (archive image may not serve the purpose) which is time taking process & has dependency on weather/seasons</p> <p>Would request department to advice and amend accordingly/ arrange mechanism with NRSC for providing latest imagery at an interval of 90 days</p>		<p>Bidder is supposed to coordinate with NRSC and procure the images.</p> <p>Since the RFP document prescribes the timeline only after receipt of image from NRSC, the contention does not appear to be valid.</p> <p>The Area of Interest is 2000 sq. Km. Approx. With the satellite revisit frequency ranging from 1 day to 6-7 days, such issues of delay due to weather /season is not likely to delay the acquisition of data.</p>
3	Pg No. 22 Point No. ii	GIS vector data that comprises of the Development plans, Controlled Areas, Sector Circulation plans and Urban Area plans. The selected vendor will ensure that the satellite images to be procured under this project are rectified with the available satellite images of the Department so that there is no geometrical mismatch between the vector data already created by the Department and the satellite images to be quarterly procured under this project.	<p>We understand that department will provide vendor with existing Satellite Imagery, GCP Points & vector data for the project duration. Please confirm with details like</p> <p>1. Existing Satellite imagery vintage</p> <p>2. No. of GCPs</p> <p>3. Vector data layers/data structure</p>		<p>Vintage - October 2016 - March 2017</p> <p>No. of GCPs - As per requirement to be conveyed by the bidder.</p> <p>Vector data layer - Data is stored in SQL Server Spatial. Bidders are advised to visit the office of Town and Country Planning to further review the existing data</p>

4	Pg No. 24 Point No. iv	Please note that it is not envisaged to develop such application from scratch under this project. Only customization of the application as per the need of the Department is required to be undertaken	Please clarify the expectation. Does department wants vendor to do customization on any existing product. Please clarify		Under this project it is expected that there is an existing Web application/Mobile app available with the bidder that will be customised as per the requirement of the Department.
5	Pg No. 25 Point No. l	Expected number of concurrent users will be approx. 65. Performance of the application shall be optimized for these users.	Please confirm any editing capability desired on web application		Any editing capability will be additional advantage. Though it is not an essential requirement.
6	Pg No. 25 Point No. o	The bidder to give specifications of the hardware required for hosting the application.	We understand the application is to be hosted at department's server as per specifications provided by bidder. Wherein department will provision for all hardware, network etc. requirements. Please confirm with timelines for setting up the infrastructure		Hardware will be set up within the timeframe of three months from the date of award of work
7	Pg 30	Maintenance and Support: During maintenance period the successful bidder to ensure the application uptime of 99%. In case the application is reported as DOWN the successful bidder shall ensure the site is up and running within 24 hours of such issue reported. On delay beyond 24 hours, penalty upto Rs 25,000/- may be levied for each such delay.	Incase the application is hosted at client server. There is lot of dependency on the hosted server, bandwidth, connectivity, hardware failure etc. This may be beyond the control of vendor. Please advice how department will handle such exceptions.		Bidder has to provide the details of infrastructure (server, network bandwidth etc.) along with the detailed specifications for successful running of the application at optimum performance.
8	Pg 31	The successful bidder within 15 (fifteen) days of award of work shall furnish unconditional irrevocable Performance Bank Guarantee of 15% of the total value of the project cost	Usually the bank guarantee is of 10% of the total value of the project cost. Request for amendment.		Accepted

SKYMAP GLOBAL INDIA PVT. LTD., JAIPUR, RAJASHTAN

1	Page No. 21 14. (Vi)	Conduct three day training to the Department staff at Headquarter and Circle offices (at Panchkula, Hissar, Rohtak, Gurugram and Faridabad) after completion of development and UAT.	Tender is for 2 district i.e. Gurugram and Faridabad District. But here it is mentioned for 4 district	Please clarify whether training will be conducted at 2 district or 4 district?	Training to be provided at Headquarter and Circle office Gurugram and Faridabad only
2	Page No.23 Point C.	Satellite Image is to be provided in Geotiff, Geojpeg format.	Data may me loss in Geojpeg format.	Please clarify. Can we deliver data in only .geo- tiff format	To be provided in both the formats
3	Page No. 25.	Expected number of concurrent users will be approx. 65. Performance of the application shall be optimized for these users.	User is only 65. Or Unlimited user can also access the application	Please clarify	Concurrent users will be 65. However, the application shall provide access to unlimited users
4	Page No. 28 Time	Security Audit (T3) = T2 + 15 days	Is it security audit of application before hosting the application in server or through any third party vendor.	Who will provide security audit of certificate during delivery of application? Please clarify	Govt. of Haryana has set up an Information Security and Management Office(ISMO). Security Audit of all applications of the Department are conducted by ISMO.

SECON PVT. LTD., BANGALORE

1	Page 1 13.3, Prequalification Criteria & Page 1 16 EVALUATION CRITERIA	01. The prime bidder should be at least ISO 9001:2015, 27001:2013 Certified Company for IT/ ICT/ Software Development/ GIS related activities 02 Quality / Security Certification • ISO 9001:2015 & 27001:2013	To enable greater participation, we Request to relax/modify the clause as "The prime bidder should be at least ISO 9001:2015 or CMMi Level 3 Certified Company for IT/ICT/Software Development/ GIS related activities" We suggest the above should suffice the certification requirements of the project, based on the scope of work, without ISO 27001:2013. Please clarify/confirm		Not accepted
2	Page 1, 13.3- Prequalification Criteria	07. At least 1 Satellite based monitoring Web based GIS Application Projects for any Central Govt. of India/ any State Govt./Public Sector undertakings of Value more than Rs. 50 Lakhs each shall be furnished by the Bidder.	We Request to modify the clause as Either "At least 1 Satellite based Web based GIS Application Projects for any Central Govt. of India/ any State Govt./Public Sector undertakings of		Evaluation Criteria modified and is given at end of the reply to the pre-bid queries

			<p>Value more than Rs. 50 Lakhs each shall be furnished by the Bidder.”</p> <p>That is, allow satellite based Web-GIS applications, monitoring & others Or</p> <p>“At least 1 Satellite based monitoring Web based GIS Application Projects for any Central Govt. of India/ any State Govt./Public Sector undertakings of Value more than Rs. 15 Lakhs each shall be furnished by the Bidder.”</p> <p>That is, reduce the cost value of project</p> <p>Please clarify/confirm</p>		
3	Page 2 16 Evaluation Criterial	<p>08. At least 2 Geo-tagging mobile app delivery projects for any Central Govt. of India/ any State Govt./Public Sector</p> <p>03 Based on Past Projects by the Bidder for dashboard and geo tagging mobile application....</p> <p>Geo-tagging mobile app delivery projects for any Central...</p>	<p>We request to modify the clause to allow Mobile as well Web based geo tagging based projects</p>		<p>Evaluation Criteria modified and is given at end of the reply to the pre-bid queries</p>

4	Page 25, 15 SCOPE OF WORKviii. Mobile Application Specifications:	b) ... For assigning unique id, use and purpose integration with the existing application (developed in ASP.NET / SQL Server) of the department with APIs is required.	Integration is usually a two-way process requiring creation/ implementation of integration points/functionality at either end. We understand that the Bidder is responsible for creating/implementing integration points/functionality in the proposed Mobile Application. Integration points/functionality in existing application will be created/implemented by the respective SI.Please clarify/confirm		Yes. The integration with the existing application of the Department developed in .NET will be done by both bidder and IT team of the Department. APIs will be provided by the Department for integration
5	Page 26 15 SCOPE OF WORK xi. Training		We understand that facilities like Training room, projector etc. required for conducting training sessions will be provided by the department. Please clarify/confirm		Yes
6	Page 22 15 SCOPE OF WORK	iii. Ortho-rectification of satellite imagery using 10m DEM with existing GCPs provided by the department	It is understood that department shall provide DEM data to successful bidder. Please clarify/confirm		Bidder has to do the orthorectification using 10 m DEM. Department will only provide coordinates of the Control Points from existing Satellite Image available in the Department. DEM is to be sourced by Bidder
7	Page 27 16 Evaluation criteria Sl.No.3	Based on Past Projects by the Bidder for dashboard and geo tagging mobile application for state/central government/public sector with value of one project more than Rs. 50 Lakhs. · One Project - 10 marks	The scope of the project is processing of satellite imagery, development of web application and monitoring of Changes. The Evaluation Criteria specified under Sl.No.3 for both cases of		Evaluation Criteria modified and is given at end of the reply to the pre-bid queries

		<ul style="list-style-type: none"> · Two Projects - 20 marks <p>Geo-tagging mobile app delivery projects for any Central Govt. of India/ any State Govt./Public Sector</p> <ul style="list-style-type: none"> · Upto four projects - 10 marks · More than four projects - 20 marks 	<p>project experiences are emphasizing only geo tagging mobile application.</p> <p>Therefore it is request to consider experience of satellite imagery processing and development of web application for change detection analysis.</p> <p>Therefore it is request to kindly amend SI.No.3 of the the evaluation criteria as below.</p> <p>Based on Past Projects by the Bidder Satellite image processing and development of Web based GIS Application Projects for any state/central government/public sector with value of one project more than Rs. 50 Lakhs.</p> <ul style="list-style-type: none"> · One Project - 10 marks · Two Projects - 20 marks <p>Geo-tagging mobile app delivery projects/Change detection analysis using satellite imagery for any Central Govt. of India/ any State Govt./Public Sector</p> <ul style="list-style-type: none"> · Upto four projects - 10 marks · More than four projects - 20 marks 		
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8	Page 24 vi. Time line for delivery of Quarterly report	The quarterly change detection report shall be delivered within 15 days from the date of receipt of satellite image from NRSC, Hyderabad	The processing of satellite data involves, Geo-referencing, ortho-rectification and change detection for 2000 sq.km, it is considerable amount of time. Therefore it is requested to consider 01 month from the date of receipt of satellite image from NRSC, Hyderabad.		Not accepted The said clause no. 18 is however further clarified as follows: “Within 15 days from the date of receipt of Satellite imagery from NRSC, Hyderabad. First quarter will start from the date of award of work. However, the total delivery period including time taken by NRSC for clearance, shall not exceed 60 days.”
9	General	-	Request to provide Area of Interest file/Map of the proposed study area.		KML file can be downloaded from the following link: https://tcparyana.gov.in/Notification/downloadkml/index.html
10	General	-	We kindly request the Client to extend the tender submission date by at least 2 weeks from the date of issue of pre-bid clarification.		Not accepted
PAN INDIA CONSULTANT PVT. LTD, GURUGRAM					
1	Page No 20/44 , Section 13.3, Sr. No. 8 , Prequalification Criteria	At least 2 Geo-tagging mobile app delivery projects for any Central Govt. of India/ any State Govt./Public Sector	Under evaluation Criteria, there is no weightage given for the major activities which requires an expertise / skills ,experienced resources i.e., Image Processing & digital database Creation experience for any Govt. / Public Sector. Where as all weightage given to product based solution i.e., Web base application or Mobile Geo-tagging application / Solutions. Both these solutions are easily available and requires only few changes as per scope of work and this customization itself is provided by the Solution Provider. Therefore a due weightage	Kindly revised technical evaluation weightage accordingly.	Evaluation Criteria modified and is given at end of the reply to the pre-bid queries
	Page No 27/44 , Section 16, Sr. No. 3 , Evaluation Criteria	Geo-tagging mobile app delivery projects for any Central Govt. of India/ any State Govt./Public Sector <ul style="list-style-type: none"> • Upto four projects • More than four projects 			

			need to be given for the major service component of the scope of work, which is presently missing.		
2	Page No 21 , Section 13.3	Joint Venture and/or consortium bid is not allowed.	Request you to allow consortium for competitive bidding. (For Mobile Application & Web Based Software Application)		Not accepted
3	Page No 22 , Section 15 , Sr. No. iii	Ortho-rectification of satellite imagery using 10m DEM with existing GCPs provided by the department	Whether all Primary , Secondary & Tertiary/Auxiliary Points will be provided by the department. Please clarify		Department will provide coordinates of the Control Points from existing Satellite Image available in the Department. DEM is to be sourced by Bidder
4	Page No 22 , Section 15 , Sr. No. iv-(a)	The accuracy of change detection shall be above 98% i.e. the system shall identify more than 98% of the new constructions.	Accuracy of 98% will to be measure w.r.t what? . Please clarify		Accuracy will be verified with respect to the actual structures that have come up in the Area of Interest that will be assessed during the ground truth exercise regularly done by the Department officials/any third party. The Department will make all efforts to verify the change analysis report within 45 days from the date of submission of such report by bidder
5	Page No 22 , Section 15 , Sr. No. v-(b)	Spatial data of all change detection sites (new constructions) are to be provided in a Shape file on quarterly basis by the vendor	Change detection is to shown in shp file provided by department or vendor will have to digitize the entire area where change is detected or not detected.		Automatic change detection is to be carried out. New structures identified are to be digitized and submitted in the quarterly change detection analysis report.
ADDITIONAL QUERY RAISED DURING PRE BID					
			During Prebid M/s CeinsysTech Ltd. requested that the resolution of the satellite image to be used be fixed by the Department rather than specifying it as 80 cm or better.		80 cm resolution data is to be used.

REVISED EVALUATION CRITERIA

Sl. No.	Criteria	Maximum Marks
01	Based on Quality of the Bidder <ul style="list-style-type: none"> • Live demonstration of existing project and proposed product <ul style="list-style-type: none"> ○ Understanding of Objectives ○ Project Approach ○ Methodology 	40
02	Quality / Security Certification <ul style="list-style-type: none"> • ISO 9001:2015 & 27001:2013 	5
03	Web-based satellite imagery based monitoring/change detection application development project for state/central government/public sector with value of one project more than Rs. 50 lakhs <ul style="list-style-type: none"> • One Project • Two Projects 	(Max Marks : 30) 20 30
04	Based on Past Projects by the Bidder for dashboard and geo tagging mobile application for state/central government/public sector with value of one project more than Rs. 15 Lakhs. <ul style="list-style-type: none"> • One Project • Two Projects 	(Max Marks : 10) 05 10
05	Based on Company Strength Average annual turnover of Rs. 5 crore during the last 3 financial years (FY 2015-16, 2016-17 & 2017 - 18). Average annual turnover of more than 5 crore during the last 3 financial years (FY 2015-16, 2016-17 & 2017 - 18).	(Max Marks : 10) 05 10
06	Based on Resume of Key Personnel <ul style="list-style-type: none"> • Project Manager (Minimum 10 Yrs. Experience) • Senior developer (Minimum 5 Yrs. Experience) • Remote Sensing and GIS expert (Minimum 5 Yrs. Experience) 	05
TOTAL MARKS		100