

Minutes of Pre-bid Meeting in connection with "Implementation of GIS in New Town, Kolkata" held on 12.02.2015 at 3 PM in the Conference Room of NKDA at 01 MAR, New Town.

The following were present in the meeting (Separate attendance sheet enclosed herewith) :-

1. Prof. Saradindu Sengupta, Advisor, Fishery Deptt. Govt. of W.B.
2. Shri. Pradeep Roy, Chief Engineer, NKDA
3. Dr. D Chakraborty, Scientist E, ISRO, Deptt. Of Space, Govt. of India
4. Shri. Sukrit Chatterjee, Chief Architect, NKDA
5. Shri. Uttam Kumar Jana, Superintendent Engineer, NKDA
6. Shri. Sukanta Kumar De, Administrative Officer, NKDA
7. Shri. Malay Das, Finance Officer, NKDA
8. Shri. Abin De, Executive Engineer-I, NKDA
9. Shri. Pritam Thakur, System Manager, NKDA
10. Shri. Sanjay Das, Supervisor, NKDA
11. Rep. of NISG.
12. Representatives from Organisation/ Company.

The meeting was presided by Shri Pradeep Roy, Chief Engineer NKDA.

Superintendent Engineer, NKDA welcome all the members and representatives from different organisations. He also initially briefed about the GIS tenders and quires received from different organisation. The matter of execution of RFP on GIS was discussed elaborately.

Following points were discussed:-

1. NKDA will provide the digitized maps for the Action Areas for I, II (including CBD), III in dwg file format. Wherever there is a mis-match or conflict between the satellite imagery and base data, the bidder may have to visit field and validate. The bidder who wish to see the drawing files can visit NKDA office on one day prior written notice.
2. Data sharing services will be implemented at both the application level and these services will be used for data exchange between the GIS and current & proposed e-Governance System. Payment gateway is not in scope.
3. Supply of Hardware is not in the scope of the present engagement. However SI has to carry out the sizing and help the NKDA in procurement.

Consolidate Queries vis-a-vis response is attached herewith. All the members are in agreement with rest of the RFP documents other than the points discussed above. Meeting concluded in a positive note with thanks to and fro from the chair.

Enclso: as stated.

Chief Engineer
New Town Kolkata Development Authority

Memo No: 843/NKDA/Admn-441/2013

Date: 19.12.2014

Copy forwarded for information and necessary action to:

1. Prof. Saradindu Sengupta, Advisor, Fishery Deptt. Govt. of W.B.
2. Shri. Pradeep Roy, Chief Engineer, NKDA
3. Dr. D Chakraborty, Scientist E, ISRO, Deptt. Of Space, Govt. of India
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6. Shri. Malay Das, Finance Officer, NKDA
7. Shri. Abin De, Executive Engineer-I, NKDA
8. Shri. B Basa, Rep. of NISG.
9. Shri. Pritam Thakur, System Manager, NKDA
10. Shri. Sanjay Das, Supervisor, NKDA
11. PA to Chairman, NKDA

Superintendent Engineer
New Town Kolkata Development Authority

Consolidated Queries for Pre-Bid

Sr. No	Company	Bidding Document Reference(s) (section number/ page)	Content of RFP requiring Clarification	Points of clarification required	Clarification / Corrigendum
1	SECON Private Limited	Technical-Documents (4/page no.4)	4.1. GIS Software Detailed requirements b) Overlay & geo-reference existing land parcel and roads from pdf/jpeg with the satellite imagery. c) Attach linkable attribute information to the vector layers – so that it can be queried.	We understand that land parcel, road, linkable attribute data will be provided by NKDA and Bidder role is to geo reference the same and digitize to include it in Spatial database only. We also understand that there is no physical ground survey of individual properties required here Please confirm.	Yes
2	SECON Private Limited	Technical-Documents (4/page no.4)	4.1.GIS Software Detailed requirements e) Physical survey for collection of GCP points or DGPS point for 100% mapping with jpeg/pdf drawing and satellite image. GCPs should be taken at least one per km and for DGPS it should be not less than 10.	We understand that GCP collection activity will be conducted for rectification of world view-2 satellite image only.	Yes
3	SECON Private Limited	Technical-Documents (4/page no.4)	4.1. GIS Software Detailed requirements f) New Town Kolkata includes Action Area – 1, 2 and 3. Digitization of Action Area-1 has already been done. Validation of attribute shall be done for entire area.	We understand that bidder has to carry out digitization of Action Area-2 & 3 and validation of attribute shall be done for Action area-1, 2 & 3. CBD is not in the scope of this project. Also we understand that validation will be done on the basis of existing maps, reports but not included from field. There will be no field work in this project. Please confirm.	CBD is in Action Area-II. NKDA will provide the digitised maps for the Action Areas in dwg file format. Wherever there is a mismatch or conflict between the satellite imagery and base data, the bidder may have to visit field and validate.

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4	SECON Private Limited	Technical-Documents (4/page no.4)	<p>4.1. GIS Software Detailed requirements</p> <p>g) GIS Implementation at NKDA shall consist of creating GIS database for the following features within NKDA area:</p> <ol style="list-style-type: none"> 1. Administrative Boundary Polygon 2. Block wise area Boundary Polygon..... 	<p>We understand that NKDA will provide data for layers like Town Planning Schemes, Development Plan, Electrical Network including stations, Sewerage Network, Drainage Network Water Supply Network Telecom Network, Manholes etc. Also NKDA will provide the all types of boundary layers in soft copy formats. Please confirm.</p> <p>Also we understand that bidder will not carry out any type of field survey except GCP collection. All the related data as per this table i.e. 4.1(g) will be provided by NKDA and bidder will incorporate these data into GIS environment. Please confirm.</p> <p>Is bidder required to create base map for extracting the features from provided Satellite Imagery? Please confirm.</p>	<p>NKDA will provide the digitised maps for the Action Areas in dwg file format.</p> <p>All the information available in the dwg file shall be separated into different layers.</p> <p>The bidder who wish to see the drawing files can visit NKDA office on one day prior written notice and can take the first hand information about it. Wherever there is a mismatch or conflict between the satellite imagery and base data, the bidder may have to visit field and validate.</p>
5	SECON Private Limited	Technical-Documents(4/page no.5)	<p>4.1. GIS Software Detailed requirements h)</p> <p>Municipal database shall be mapped with the GIS solution. Such services are.....</p>	<p>Our understanding is that each of the listed databases will have their corresponding application (as part of E-Governance)\Database in operation which bidder has to integrate with new GIS application/portal.Also, we understand that establishment of Payment Gateway is not in scope of project and that it will be part of E-Governance System. GIS Application should have interface, such that users get directed to the said Payment Gateway. Current project scope is to provide GIS Map Based Visual interface for these and create</p>	<p>Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications</p> <p>E-payment is not in scope.</p>

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				web services for data sharing between GIS & E Governance Application. Please clarify\confirm	
6	SECON Private Limited	Technical-Documents (4/page no.6)	4.2. GIS Software Technical Requirements The solution should be capable to be integrated with basic applications like MS Office	Please clear this point.	Only for the data migration purpose
7	SECON Private Limited	Technical-Documents (4/page no.7)	Geo Portal Detailed Requirements A Geo-portal is a web site that provides a view into a universe of spatial content and.....	Request NKDA to provide detail requirements / features regarding the Geo Portal to correctly quantify the work.	The requirements are provided in RDBMS specifications doc.
8	SECON Private Limited	Technical-Documents (5/page no.8)	5.0 Departments of NKDA: Broad level functional requirements pertaining to activities of stake holder departments are as under.....	We understand that Bidder has to create the data as per functional requirements of each departments mentioned in the table. And some more information is required like - number of development plans, length of water pipe line etc. and the number of sheets each departments wise which need to digitize. Please clarify.	Bidder has to interact with the respective dept. for the identification of basic search and viewing functionality as a part of SRS
9	SECON Private Limited	Technical-Documents (6/page no.9)	6.1 Development location: Collection of GPS/ DGPS points and Digitization of Map with satellite image to done at NKDA premises.	Kindly allow to prepare the GIS database at bidder premises which will reduce the cost of the project.	No change
10	SECON Private Limited	Technical-Documents (6/page no.10)	6.3(B). Data Development - Digitization of MAP Suitable ground control points shall be located using Differential Global Positioning System (DGPS) for accurately geo-referencing all the maps with the available satellite imagery....	We understand that GCP collection activity will be carried out for rectification of world view-2 satellite image only and other departmental maps/drawings will be geo-referenced with Geo-rectified Satellite Imagery. Please confirm. Also 2 months time to collect GCP, create data from satellite image and departmental map is very hard.	Yes No change in timelines

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11	SECON Private Limited	Technical-Documents(6/page no.10)	6.3(C). Data Base Creation GIS Database shall be prepared for NKDA area which includes Action Area -1, 2 & 3 using the existing high resolution satellite imagery. Digitization of Action Area-I has already being completed. Attribute entry and other validation will be done for total area of New Town Kolkata.	We understand that validation on the basis of existing departmental maps and report. There is no field survey involved. Please confirm. It is very hard to complete Attribute entry and validation of all 3 area in one month. As per section 5, there are 10 departments from which bidder is required to collect and incorporate the data in GIS environment.	Wherever there is a mismatch or conflict between the satellite imagery and base data, the bidder may have to visit field and validate.
12	SECON Private Limited	Technical-Documents (6/page no.11)	6.3(E). Integration with e-governancethe GIS Solution developed should be integrated with the existing e-Governance software and application running in NKDA.	Request NKDA to provide detailed requirement with respect to integration of Current GIS project & E-Governance project. Currently very high level requirements have been only been provided. Details should be provided for each of the listed services like Record of Title, Building plan sanction etc in terms as to what exactly will be the role of GIS application in each of these activities for better estimation of the actual work.	Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications
13	SECON Private Limited	Technical-Documents (6/page no.11)	6.3(E). Integration with e-governance	Our understanding regarding integration of the two system is that 1. Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications 2. Development of such services at GIS application end will be in Bidder's scope of work and development of data sharing services at E Governance end will be in scope of work of the Agency developing \implementing the E Governance System Please Clarify\Confirm	Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications

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14	SECON Private Limited	Technical-Documents (14/page no.15)	14. Service Levels and Agreement Validity If the Successful Vendor is not able to complete the entire work within the time frame then 0.25% of total work value as per work order will be deducted for each extra day subject to a maximum of 10%.	NKDA is requested to reduce the penalty to 0.5% per week subject to a maximum of 5%.	No change
15	SECON Private Limited	Technical-Documents (17/page no.16)	17. Operation and Maintenance of Software	Our understanding is that the scope of work involves only O&M of the developed application, any new requirement / enhancement of existing features will be paid separately. Kindly confirm What is the desired onsite manpower deployment during O&M phase.	Onsite manpower is required - mentioned in RFP pg. No. 16
16	SECON Private Limited	Technical-Documents(18/page no.17)	18. STQC Testing and Certifications Vendor shall undertake an exercise of Testing, Acceptance and Certification of systems implemented for the project through a third party agency (referred to as Quality Assurance/Certification Consultant or consultant) for Software, Hardware, Networking and Security.	Cost of this certification will be borne by NKDA or Bidder. Please clarify	The cost of the certification will be borne by Bidder.
17	SECON Private Limited	Technical-Documents (19/page no.18)	19. Technical Evaluation Matrix Section.3 Completion of Web GIS Application Web GIS application municipal corporation/ Govt. department.	NKDA is requested to relax the criteria to include PSU	The requested changes is accepted.
18	SECON Private Limited	Technical-Documents (19/page no.19)	19. Technical Evaluation Matrix Presentation of Proposed Work: Vendor will have to present a Demo proposed work. NKDA will provide sample Map and corresponding dummy data and related files. Within Two days as mentioned in important dates Vendors have to demonstrate	Please clarify this point	As per RFP

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			the work. Technical Committee will check the result and output. Maximum Time for each Vendor will be 20 min.		
19	NSGI Pvt. Ltd.	Technical Documents Page 13	Time lines	Time lines of 6 months given is very low, can project timeline be 12 months considering so many integrations and modules development?	As per RFP timeline is 8 months, cannot be increased
20	NSGI Pvt. Ltd.	Technical Documents Page 5	Survey	Does the Vendor need to do details house hold survey, for collecting attribute information for eg.	Not required
21	NSGI Pvt. Ltd.	Technical Documents Page 5	Record of Title(Mutation)	<ul style="list-style-type: none"> Does the vendor needs to create a user interface for entering Mutation details GIS application developed by the Vendor, is it required to implement payment gateway also? 	No No
22	NSGI Pvt. Ltd.	Technical Documents Page 5	Property Tax & Water Revenue Management System	Does GIS application need to get Tax related information from property tax module .	Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications
23	NSGI Pvt. Ltd.	Technical Documents Page 10	Data	Will NKDA provides 100% data below listed AutoCAD maps: <ul style="list-style-type: none"> Plot Details. Water Distribution Network. Sewerage Network. Drainage Network. Electrical Distribution Network. Telecomm Distribution Network 	Yes Continuous upgradation is Maps is the scope of help desk amongst others.
24	NSGI Pvt. Ltd.	Technical Documents Page 6	Number of vehicles	Approximate Number of vehicle to be tracked for solid waste vehicle, Street Sweeping vehicle and Ambulance	Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications
25	NSGI Pvt. Ltd.	R.F.P No. 01/NKDA/Admn/2015-16 Page 2	Eligibility Criteria	Please allow consortium or joint venture	No
26	NSGI Pvt. Ltd.	R.F.P No. 01/NKDA/Admn/2015-16 Page 2	Turnover	Please consider the average turnover of 3 Crores instead of 5 Crores	No

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27	NSGI Pvt. Ltd.	R.F.P No. 01/NKDA/Admn/2015-16 Page 5	Submission	Please postpone the tender submission for 2 more weeks	Corrigendum issued
28	Xinthe Tech	Page no3 Section G	Satellite imagery procurement would be done by NKDA	Is satellite data is already procured or will be procured at the time of project commencement? If procured please provide details.	Already available
29	Xinthe Tech	Page no 4 section 4.1 g	Electrical Network, Sewerage Network, Drainage Network, Water Supply Network, Telecom Network	Is NKDA provides entire area existing map data of these networks either in hard copy or soft copy to the vendor? Or Is Vendor required doing fresh survey for these?	Soft copy
30	Xinthe Tech	Page no 4 section 4.1 g	Electrical Network, Sewerage Network, Drainage Network, Water Supply Network, Telecom Network	Is it required to conduct Ground Penetrating Radar survey (GPR) for mapping underground utility pipes and cables of these networks?	Not required
31	Cyient Limited	3. Scope of work : Note 2 – page 3 of Technical document	Satellite imagery procurement would be done by NKDA	What is the format of satellite imagery? And Image acquired date. Please clarify.	Tiff
32	Cyient Limited	4.1.GIS Software Detailed Requirements – Point “f” - Page 4 of tender document	New Town Kolkata includes Action Area – 1, 2 and 3. Digitization of Action Area-1 has already been done. Validation of attribute shall be done for entire area.	1. Request department to provide area of interest in shape format. 2. Please provide the volume of data from various departments of NKDA need to be digitized for Area 2 and 3.	Yes Data available in dwg format
33	Cyient Limited	4.1.GIS Software Detailed Requirements – Point “g” - Page 4 of tender document	GIS Implementation at NKDA shall consist of creating GIS database for the following features within NKDA area	We assume NKDA will provide necessary input data from various departments for GIS data creation (Digitization) and NKDA will act as single point of contact between various departments of NKDA and successive bidder. Please clarify.	Yes

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34	Cyient Limited	4.1. GIS Software Detailed Requirements – Point “H” - Page 5 of tender document	Municipal database shall be mapped with the GIS solution.	We assume NKDA is maintaining one common GIS data base for all the departments of NKDA or Vendor need to create web service for various municipal departments and provide GIS solutions.	Vendor has to develop the web services
35	Cyient Limited	4.2. GIS Software Technical Requirements Page 6 -	The solution should support Single-Sign-On with LDAP Active Directory Authentication. It should support various metadata standards and various metadata protocols.	Do you have existing Active Directory for user management at NKDA? Or department want to use existing users of e-governance to NKDA portal? Please clarify	Supply of Hardware is not in the scope of the present engagement. However SI has to carry out the sizing and help the NKDA in procurement.
36	Cyient Limited	6.3 Development Stages: Point “E” – Page 11 of tender document	Integration with e-governance	1. Only indicative list of services are provided, we request department to provide all various e-governance portals to be integrated with NKDA portal. Please clarify 2. Is it at core level or at web level? If it is at core level then we need to update it from database level. Please confirm.	Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications
37	Cyient Limited	11. Project Implementation Timelines – Page 13 of tender document.	Completion time for the entire work is 8 months from the date of issuing the formal work order. Timeline for deliverables for phase wise	Time line for Software development of GIS solution is not clearly stated. Please clarify.	Mentioned in RFP pg. No. 13
38	Cyient Limited	User Diagram	User Diagram	Some functionality like ‘Planning & Laying of network’ is used by PHE, NTTIDCO & NTESCL other than NKDA. Please provide the list of common functionalities between these departments.	Not required
39	Cyient Limited	General	General	Is payment gateway (PG) requirement is part of GIS solution? If yes, do you have any preference of payment gateway (PG)? Please clarify.	No
40	Cyient Limited	General	General	How many custom reports are to be developed as part of this GIS solution? Please clarify	Basic Geospatial reporting should be developed

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41	Cyient Limited	General	General	Please let us know the number of concurrent web users to use the proposed Web GIS solution.	Corrigendum issued
42	Cyient Limited	General	General	Please let us know providers for hosting or NKDA will provide a public server.	NKDA will provide
43	Cyient Limited	General	General	We request department to provide the existence software environment of NKDA?	Not applicable
44	Cyient Limited	General	General	We understand that NKDA is looking for Web GIS Application. Is the department looking for any Desktop application? If Yes, Please provide the full details.	Desktop Application is not required
45	Cyient Limited	General	General	Is there any Disaster Recovery system requirements are to be considered in the current scope? If yes, please provide the details like 1. Location 2. Availability / uptime	DRC Will be decided later
46	Cyient Limited	General	General	Is there any technology preference to be used while implementing the project? Or we can use open source?	No
47	Cyient Limited	Payment will be made as per following schedule. – Page 04 of Request For Proposal document	Payment Mile Stones	Payment mile stone for Software development of GIS solution is not clearly stated. Please clarify.	Refer RFP Pg. 4 & Tech doc. Pg 13
48	Cyient Limited	General	Date of submission of the bid	We request the department to provide the bidder with at least 15 days of time for submission from the release of the solutions to the pre-bid queries.	Corrigendum issued
49	Stesalit Ltd.	Technical Document Page 12	Training	What infrastructure shall be provided by client if it is onsite training?	Space for training will be provided
50	Stesalit Ltd.	Technical Document Page 24	Annexure V- List of key personnel & qualification to be deployed for this project	There is no proper mention whether CVs are required. Also if required, is it acceptable in our format?	Formats will be provided - Corrigendum issued

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51	Stesalit Ltd.	Request for Proposal Page 5	<p>Security Deposit</p> <ul style="list-style-type: none"> The Bid security Rs 1,00,000/- will be converted as Initial Security Deposit for successful bidder. The Successful Vendor will have to deposit an amount calculated as 2% of quoted price less initial security deposit of Rs 1,00,000/- Balance 8% of Security Deposit will be deducted from the running bills. No interest will be paid on the money retained for Security Deposit. <p>& Special Security Deposit</p> <ul style="list-style-type: none"> Successful vendor have to deposit a special security deposit amount Rs 5,00,000/- by a separate Demand Draft / Banker's Cheque to be issued from any scheduled bank in favour of the "New Town Kolkata Development Authority" payable at Kolkata, at the time of agreement. 	It is unclear why the special security deposit of Rs 5 Lakhs is being taken in spite of total 2% of quoted prices & balance 8 % being taken as well. Please clarify.	As per NKDA norms
52	Stesalit Ltd.	Request for Proposal Page 1	Submission of Tender	Initial submission of Technical, Financial & EMD is only through online submission. Please clarify.	As per RFP pg. No. 1
53	Smart Planet IT solutions pvt Ltd	Annexure - 7/Server/Page 2	64GB Load Reduced DDR3 RAM scalable to at least upto 512GB	Please change the same to " 64GB DDR4 RAM @ 2133 MHz scalable to at least upto 512GB " as the same is the latest memory module.	Hardware procurement is not in the scope of present engagement
54	Smart Planet IT solutions pvt Ltd	Annexure - 7/Server/Page 2	Advanced ECC with multi-bit error protection supporting technologies of memory mirroring and memory lockstep mode	Please change the clause to " Advanced ECC with multi-bit error protection supporting technologies and memory lockstep mode " - Memory mirroring is an obsolete	Hardware procurement is not in the scope of present engagement

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				feature and doesn't ave any practical use. Kindly remove memory mirroring from the solution	
55	Smart Planet IT solutions pvt Ltd	Annexure - 7/Server/Page 1	New Query	Normally in this type of complex bids, people looks for single OEM for single management of server and storage. Please clarify whether server and storage should be from the same OEM for single management is envisioned or not.	Hardware procurement is not in the scope of present engagement
56	Smart Planet IT solutions pvt Ltd	Annexure -7/SAN storage/Page 4	Offered Storage Array shall support 6Gbps dual ported 300 / 450 / 600 / 900GB hot-pluggable Enterprise SAS hard drives, Minimum of 100 / 200GB SLC & 400 GB MLC SSD Drives along with SAS MDL 1TB / 2TB / 3TB drives.	"Offered Storage Array shall support 6Gbps dual ported 300 / 450 / 600 / 900GB hot-pluggable Enterprise SAS hard drives, Minimum of 400 GB MLC/cMLC SSD Drives along with SAS MDL 1TB / 2TB / 3TB drives." -- Certain drive are upgraded to newer technologies and we request you to include/replace the same.	Hardware procurement is not in the scope of present engagement
57	Smart Planet IT solutions pvt Ltd	Annexure -7/SAN storage/Page 4	New Query	"Offered Storage array shall also have additional support for Flash Cache using SSD / Flash drives. Both File services as well as Block operations shall be able to utilize flash cache. Minimum of 600 GB Flash cache shall be supported." -- This is because the flash technology is latest and every OEM supports the same and the same will guarantee for future scalability option of the storage.	Hardware procurement is not in the scope of present engagement
58	Smart Planet IT solutions pvt Ltd	Annexure -7/SAN storage/Page 5	New Query	"Bidder should consider minimum 2 no of Tape Drive in tape library from the server, storage OEM for end to end integration. Necessary backup software from the storage OEM need to be provided" -- Backup is an important	Hardware procurement is not in the scope of present engagement

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				part of the solution and the same need to be considered for data backup and restore.	
59	Smart Planet IT solutions pvt Ltd	Annexure -7/SAN storage/Page 4	1. The Storage Array shall be offered with 20TB usable Capacity using 450GB or lesser size SAS 10K RPM drives and 20TB usable capacity using NL SAS 2TB/3TB Drives (1TB = 1024GB)	The Storage Array shall be offered with 20TB usable Capacity in RAID 5 using 450GB or lesser size SAS 10K RPM drives and 20TB usable capacity using NL SAS 2TB/3TB Drives (1TB = 1024GB) in RAID 6	Hardware procurement is not in the scope of present engagement
60	Avineonindia	Hardware Details document Page 1 of 10	The enclosure should be capable of accommodating Intel, AMD, RISC/EPIC Blades within the same chassis.	Please clarify if the enclosure must support RISC architecture.	Hardware procurement is not in the scope of present engagement
61	Avineonindia	3. Scope of Work: Pg. No - 3	Collection of data by doing physical survey for various layer for data validation in the field.	Kindly specify the approximate area to be surveyed?	NKDA will provide the digitised maps for the Action Areas in dwg file format. All the information available in the dwg file shall be separated into different layers. The bidder who wish to see the drawing files can visit NKDA office on one day prior written notice and can take the first hand information about it. Wherever there is a mismatch or conflict between the satellite imagery and base data, the bidder may have to visit field and validate.
62	Avineonindia	3. Scope of Work: Pg. No - 3	E. Deploy Helpdesk team at NKDA premises.	Is Helpdesk team is for Operation & Maintenance phase? If yes, kindly specify the skillset of the resources and number of resources to deploy?	As per RFP
63	Avineonindia	4.1. GIS Software Detailed Requirements Pg. No - 4	b) Overlay & geo-reference existing land parcel and roads from pdf/jpeg with the satellite imagery.	Existing land parcel/roads are geo-referenced or vendor needs to geo-reference. Kindly specify the number of pdf/jpeg available with NKDA?	The bidder who wish to see the drawing files can visit NKDA office on one day prior written notice
64	Avineonindia	4.1. GIS Software Detailed Requirements Pg. No - 4	f) New Town Kolkata includes Action Area – 1, 2 and 3. Digitization of Action Area-1 has already been done. Validation of attribute shall be done for entire area.	We understand that digitization for Area-1 is completed and attribute entry, validation of attributes and other geometry features shall be done by vendor in this scope. Please clarify?	Only Base Map for Action Area-I created.

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65	Avineonindia	4.1. GIS Software Detailed Requirements Pg. No - 5	f) New Town Kolkata includes Action Area – 1, 2 and 3. Digitization of Action Area-1 has already been done. Validation of attribute shall be done for entire area. CBD location - 183 hectares	Its stated that there are 3 areas, what is CBD location mentioned in the table of locations?	CBD is a part of Action Area –II.
66	Avineonindia	4.1. GIS Software Detailed Requirements Pg. No - 4	h). Municipal database shall be mapped with the GIS solution. Such services are (i) Record of Title (Mutation). Details of Recorded data. (v) Property Tax & Water Revenue Management System	Please confirm, Customer records for the below utilities are linked to the respective service points? o Plot Details. o Water Distribution Network. o Sewerage Network. o Drainage Network. o Electrical Distribution Network. o Telecomm Distribution Network.	Attributes are available in dwg file. The bidder who wish to see the drawing files can visit NKDA office on one day prior written notice and can take the first hand information about it.
67	Avineonindia	B. Data Development - Digitization of MAP Pg. No - 10 & 3	The system should ensure that all GIS databases are edge matched and its topology is built appropriately and all data layers are geo-referenced with the high resolution satellite imagery.	Edge matching for existing AutoCAD drawings are performed already. Please clarify?	NKDA will provide the digitised maps for the Action Areas in dwg file format. The bidder who wish to see the drawing files can visit NKDA office on one day prior written notice and can take the first hand information about it.
68	Avineonindia	B. Data Development - Digitization of MAP Pg. No - 10 & 3	Suitable ground control points shall be located using Differential Global Positioning System (DGPS) for accurately geo-referencing all the maps with the available satellite imagery. Note 2: Satellite imagery procurement would be done by NKDA	NKDA will procure latest high resolution satellite imagery apart from existing WorldView-2 satellite imagery. We understand that the existing WorldView-2 satellite imagery will be utilized for geo-portal display. Kindly confirm? Also specify resolution of satellite imagery?	WorldView-2
69	Avineonindia	6.1 Development location:	Collection of GPS/ DGPS points and Digitization of Map with satellite image to done at NKDA premises.	Digitization of map with satellite image task to be carried out at NKDA premises is mandatory or can be carried out at vendor premises. Please confirm?	As per RFP
70	Avineonindia	Pg. No - 9			

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71	Avineonindia	B. Data Development - Digitization of MAP	All available AutoCAD drawings (in softcopy) shall be digitized and converted into GIS "format so that it can be integrated. o Plot Details. o Water Distribution Network. o Sewerage Network. o Drainage Network. o Electrical Distribution Network. o Telecomm Distribution Network.	Any missing's/ambiguity in the drawings provided by NKDA will be vendors responsibility? Please confirm?	Yes
72	Avineonindia	9. Training Pg. No - 12	- Detailed trainings to end users in multiple batches department-wise.	Please specify approximate number of batches for training all departments.	Corrigendum issued
73	Avineonindia	General	Data update rights	It is assumed that NKDA will provide the data access privilege matrix for the identified application users.	No
74	Avineonindia	General	reporting	Please clarify if the bidder can consider open source software for the reporting capabilities.	Bidder to decide
75	Avineonindia	General	General	Please specify the number of end users, current system specifications including hardware/software, GIS resources assigned for this project (if any), GIS resource skillsets.	As per the RFP
76	Avineonindia		24x7 Warranty support	Please confirm if NKDA has any software tool which monitors the support SLAs and system availability. Please provide the technical specifications.	No
77	Avineonindia	Training	Training Venues	Please confirm the training locations & required duration, # of attendees expected to attend the training.	NKDA premises
78	Avineonindia	Annexure 7	Hardware specification	It is assumed that the servers required for production, staging, development are available with NKDA as per Annexure 7.	Hardware procurement is not in the scope of present engagement
79	Avineonindia	General	MAF documents	Please confirm if the MAF documents from the product supplier are required for each of the proposed products	Hardware procurement is not in the scope of present engagement

Consolidated Queries for Pre-Bid

80	Avineonindia	Page 3 - Technical document	Note 1: Procurement of hardware along with Operating System would be done by NKDA.	Please confirm if the bidder needs to provide price quote for any hardware servers or the BOQ listed in Annexure 7. It is assumed that NKDA will procure all the required HW to implement the system.	Hardware procurement is not in the scope of present engagement
81	Avineonindia		Indicative hardware list is added in Annexure- 7.		
82	Avineonindia	Page 4 - Technical document	Make use of existing WorldView-2 satellite imagery as the back-drop.	It is assumed that the required satellite imagery is available with NKDA.	Yes
83	Avineonindia	Page 5 - Technical document	System should to communicate with payment gateway system through NKDA	It is assumed that payment gateway vendor partnership is already established by NKDA. Please confirm.	Payment gateway is not in scope
84	Avineonindia		proposed e-Governance System.		
85	Avineonindia	General	General	Please clarify if NKDA is already utilizing any DMS or CMS software.	No
86	Avineonindia	Page 6 - Technical document	Solid Waste Management System	Please clarify the database technology/version being used for the vehicle tracking system.	No
87	Avineonindia	Page 13 - Technical document	Project Implementation Timelines	Please confirm that the complete duration of the project is 8 months only.	Yes
88	Avineonindia	General	Website Language	It is assumed that the website should be developed only in English language.	Bilingual - English & Bengali
89	Avineonindia	Page 19	Presentation of Proposed Work: Vendor will have to present a Demo proposed work. NKDA will provide sample Map and corresponding dummy data and related files. Within Two days as mentioned in important dates Vendors have to demonstrate the work. Technical Committee will check the result and output. Maximum Time for each Vendor will be 20 min.	Please clarify if the proposed work using dummy data is considered for the technical evaluation marks. It is assumed that the work will be evaluated in the technical presentation session. What is the weightage for this pilot work?	As per the RFP
90	Cybertech	Technical document - Section 3 Scope of work, page 3	Scope of Work	Please provide the approximate number of intranet users (within NKDA) and the number of concurrent users out of this total that will be using the custom GIS application	Corrigendum issued

Consolidated Queries for Pre-Bid

91	Cybertech	Technical document - Section 3 Scope of work, page 3	Scope of Work	Please provide details of existing GIS and non-GIS software licenses available with NKDA.	Not in the scope
92	Cybertech	Technical document - Section 3 Scope of work, page 3	Scope of Work	Is the custom Web GIS Application expected to be multilingual? If yes, please provide the languages	Bilingual - English & Bengali
93	Cybertech	Technical document - Section 3 Scope of work, page 3	Scope of Work	Is the custom Web GIS Application intended to be used by the field staff? (access on tablets, mobile)? If yes, what functionalities are expected?	The functionality is developed by the user departments Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications
94	Cybertech	Technical document - Section 4.1, page 4-6	GIS Software Detailed Requirements	The desired functionalities highlighted in this section are for Web GIS software or custom GIS web application?	Web GIS application
95	Cybertech	Technical document - Section 4.1, point c, page no. 4	Attach linkable attribute information to the vector layers – so that it can be queried.	Please provide existing attribute information for all existing vector layers	All the information is available in dwg format
96	Cybertech	Technical document - Section 4.1, point g, page no. 4	GIS Implementation at NKDA shall consist of creating GIS database for the following features within NKDA area	What format are the vector layers currently stored in?	dwg format
97	Cybertech	Technical document - Section 4.1, point h, page no. 5	Property Tax & Water Revenue Management System	Please provide details of the existing Property Tax and Water Revenue management system	Not in the scope
98	Cybertech	Technical document - Section 4.1, point h, page no. 6	Solid Waste Management System	Please provide details of the existing Vehicle Tracking system	Not in the scope
99	Cybertech	Technical document - Section 4.2, page no. 6	Geo Portal Detailed Requirements	We assume that 'Geo Portal' will provide mapping, analysis and data export services to users. Please confirm	Yes
100	Cybertech	Technical document - Section 4.2, page no. 7	Data Providers: They should be able to put metadata for users, browse the list of requests made by the users. The data of data providers shall be OGC compatible. They should be able to provide catalogue services.	Please elaborate on 'catalogue services' that will be provided by data providers	As per RFP

Consolidated Queries for Pre-Bid

101	Cybertech	Technical document - Section 4.2, page no. 7	System Administrator: The System Administrator sets up profiles for end users and data providers. They should have control over data access by users. They should be able to add new data products to the existing Catalogue. They should be able to remove data products from the Catalogue. They should be able to restrict user accessing classified information.	What kind of data products will be added by the system administrator?	As per RFP
102	Cybertech	Technical document - Section 5. Departments of NKDA , page no. 8	Departments of NKDA	Can you please detail relevant workflows and functional requirements for all departments that will be using the custom Web GIS application	As per RFP
103	Cybertech	Technical document - 4.2. GIS Software Technical Requirements , page no. 6	The solution should be interoperable and support multiple RDBMS like SQL Server, Oracle, DB2 and should be capable of maintaining data history, version management and conflict detection / resolution.	Which RDBMS is currently being used at NKDA?	As per RFP
104	Cybertech	Technical document - Section 6.3 Development Stages: E. Integration with e-governance, page 11	It is stated in most clear terms that the GIS Solution developed should be integrated with the existing e-Governance software and application running in NKDA.	Please provide details of the existing e-Governance software and application running in NKDA	As per RFP
105	Cybertech	Technical document - Section 4.1, point h, page 5	Municipal database shall be mapped with the GIS solution.	Please provide the details of the Municipal database for integration with Web GIS application (database type, schema etc.)	Data sharing services will be implemented at both the application level and these services will be used for data exchange between the two applications
106	Cybertech	Technical document - Section 9. Training ,page 12	Selected Vendor shall conduct 10-days training on the GIS solution and the customized application.	Please provide the target number of trainees	Corrigendum issued
107	Cybertech	Technical document - Section 4.1, point a, page 4	Make use of existing WorldView-2 satellite imagery as the back-drop.	Please provide the resolution and year of WorldView-2 Satellite imagery to be used as back-drop.	As per RFP

Consolidated Queries for Pre-Bid

108	Cybertech	Technical document - Section 6.3 Development Stages: B. Data Development - Digitization of MAP , page 10	All available AutoCAD drawings (in softcopy) shall be digitized and converted into GIS format so that it can be integrated.	What is the format and version of AutoCAD drawings, paper view or data view (.dwg)?	Bidders are suggested to do a site visit to NKDA. Bidders are requested to make prior appointment with NKDA.
109	Cybertech	Technical document - Section 6.3 Development Stages: B. Data Development - Digitization of MAP , page 10	Suitable ground control points shall be located using Differential Global Positioning System (DGPS) for accurately geo-referencing all the maps with the available satellite imagery.	What is the level of accuracy is expected for all geo-referenced maps? Is there a specific resolution expected/required?	accuracy of + or - 25 cm
110	Cybertech	Technical document - Section 5. Departments of NKDA , page 8	Activity' column	We understand that all activities listed in the 'Activity' column will be carried out in the existing systems at NKDA and the proposed custom Web GIS application should be able to fetch the required information from these integrated systems. Please confirm	as per RFP
111	Cybertech	Technical document - Section 4.1 GIS Software Detailed Requirements, page 4	g) GIS Implementation at NKDA shall consist of creating GIS database for the following features within NKDA area	How current are the geographies and the attributes for the features?	in the DWG format
112	Cyber Swift	Request for Proposal (R.F.P) File: Regarding Bid Security Money	Bid Security Money of Rs. 1,00,000.00	We are registered with NSIC and we are exempted from EMD, Security Deposit, and Tender Document cost. Documents Enclosed. EMD & and Tender document cost exemption will be considered CyberSWIFT Infotech Pvt. Ltd.:?	Enclose the revelent orders or circulars issued by the relevatn govt agency. NKDA will take a decision based on the documents submitted. However, the NKDA reserve the right of accepting or rejecting the proposal.
113	Cyber Swift	Request for Proposal (R.F.P) File: Regarding Bid Security Money Page: 18	Average annual turnover of Lead Vendor for the last 3 years Rs. 10 to 20 cr. = 5	In eligibility criteria it has been written that Minimum average turnover is 5 cr. there is no point system for that. Please change the point system starting from Rs. 5 to 10Cr.	Corrigendum issued
114	Cyber Swift	General	Will the various Client can work in offline mode	Please clarify	As per RFP
115	Cyber Swift	Server Specification	Considering concurrent user please change server processor to 2*8 Core = 16 Core.	Please change	as per Rfp

Consolidated Queries for Pre-Bid

116	Cyber Swift	General	Workflow for various departments should be able to configure from administrator centrally and deploy in client.	We are suggesting	As per RFP
117	Cyber Swift	General		Do you need to take print out in dept layout	As per RFP
118	Cyber Swift	Regarding Eligibility Criteria		Whether any Work Order from Big Limited (SI) Company for any Govt. Scheme (like R-APDRP) will be accepted or Not	no

Attendance Sheet

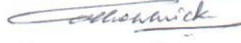





Meeting in connection with *Implementation of GIS System in New Town, Kolkata* held on Thursday, the 12th February, 2015 at 3-00 P.M. in the Conference Room of 01, MAR, New Town Kolkata Development Authority.

Sl No.	Name with Designation	Contact No.	Signature
1	Dr. D. Dutta, General Manager, Regional Remote Sensing Centre(E), NRSE, ISRO, Deptt of Space, Govt.of India	9434084676	<i>Dutta</i> for Dr. D. Dutta
2	Prof. Saradindu Sengupta, Advisor, Water Body Mapping Project, Fishery Deptt. , Govt. of W.B.	9433057100	<i>Sengupta</i>
3	Sri G. C. Ghose, Chief Executive Officer, NKDA		
4	Sri P. B. Bhattacharjee, Chief Planner, HIDCO		
5	Sri Pradeep Roy, Chief Engineer, NKDA		<i>Pradeep Roy</i>
6	Sri Sukrit Chatterjee, Chief Architect, NKDA		<i>S. Chatterjee</i>
7	Sri Uttam Kr. Jana, Superintending Engineer(M/E), NKDA	9143334157	<i>Jana</i> 12/2/15
8	Sri Abin De, Executive Engineer (I), NKDA		<i>Abin De</i> 12/2/15
9	Sri Sukanta Kr. De, Member-Convenor & Administrative Officer, NKDA		
10	Sri Malay Das, Finance Officer, NKDA		<i>Malay Das</i> 12/2/15
11	Smt. S. Chowdhury, Deptt of Science & Technology, Govt. of W.B.		
12	Sri Pritam Thakur, System Manager, NKDA		<i>P. Thakur</i> 12/02/15
13	<i>Sanyal Das. ASM</i>		<i>Sanyal Das</i>
14	<i>Avijit Naha PCI Software Pvt. Ltd. Asst Manager - Project.</i>	9831930435	<i>Avijit Naha</i>
15	<i>N.E. Powerlink Developers Pvt. Ltd. Director - Sh. Shashank Shekhar shashank.260392@gmail.com</i>	08559995526	<i>Shashank Shekhar</i>
16	<i>URMI BHATTACHARJEE SECON PVT LTD</i>	9831028782 <i>urmi.bs@secon.in</i>	<i>Urmi Bhattacharyal</i>
17	<i>ZIAUDDIN SHAIKH, ADDC INFOCAD LTD. NAGPUR.</i>	07709329181 <i>Ziauddin.s@alecincad.com</i>	<i>Ziauddin Sheikh</i>
18	<i>S. R. Basu Sudheer Goh NISG,</i>	040-66545352	<i>S. R. Basu</i>
19	<i>TUHN BASU - DY. MAR - GIS DESCON LTD.</i>	9831834244	<i>Tuhn Basu</i>
20	<i>G. Kajasopalan Technospower</i>	9830861380	<i>G. Kajasopalan</i>

**Attendance Sheet of Pre-bid meeting on Implementation of GIS in
Newtown Kolkata**

Date & Time: 12/02/2015 at 03:00 PM

Venue: Conference Hall of 01 MAR, NKDA

SI No.	Name & Designation	Organisation	Signature & Mob No.
01	Anirban Bhowmick ASM-East & NE	Stesalit Ltd., Kolkata anirban.bhowmick@stesalit-inc.com	 9874327744
02	Rajat Jay AM-BD	Zymax Technologies. rajat@zymaxtech.com	
03	Dipayan Paikar Sr. Consultant - Business Development	Cyberswift Infotech Pvt Ltd. 9830906447 dipayan.paikar@cyber-swift.com	
04	Sandipan Karmaker Tech Support Specialist Intergraph S&E	Intergraph S&E. Sandipan.karmaker@intergraph.com 9051582116	 9051582116
05	Saikat Saha TCS Representative	TCS Ltd. saikat.saha@tes.com	S. Saha 9433263388
06	ZIAUDDIN SHAIKH BD SERVICES ANALYST	ADCC INFOCAD LTD, Ngg. ziauddin.s@adccinfocad.com	 07709329181
07	URMI BHATTACHARJEE Manager - Business Development	SECON Pvt Ltd urmi.b@secon.in	Urmi Bhattacharyee 9831028782
08	Shashank Shekhar Director - NE Powerlink Developers Pvt. Ltd	shashank.260392@gmail.com	 8559995526
09	Arijit Naha Asst. Manager - Project	PCI Software Pvt. Ltd.	Arijit 9831930435
10	ARIJIT SINHA WIPRO LTD)	arijit.sinha@wipro.com	 9836072619
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