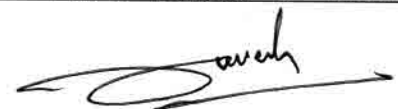


Subject - Clarifications as per Pre Bid Meeting held on 20.10.2016 at 4.00 PM against the NIB of "Provisioning & Integration of Wi-Fi Hotspots, Interactive Information Kiosks, Surveillance Cameras, Environmental Sensors, Structural Sensors, Smart lighting solution and Remote Kiosks along with Facility Management Services for 3 years under Phase 3" (NIT No. 05/2016-17)

Following Addendum / deletion / clarifications are to be a part of the RFP, as under -

S. No.	Page no / Clause No	Existing Clause	Addendum / deletion / clarification
1.	11 / Section 2: Eligibility Criteria	If the bidder does not have a Category B, ISP license or higher, then the bidder needs to tie up with at least one such ISP to provide Internet bandwidth.	Clarification : In such case, a tri-partite agreement shall be executed between JDA / ISP partner / Bidder.
2.	11 / Section 2: Eligibility Criteria	The Prime Bidder/Lead Bidder must have annual turnover of at least Rs. 75 Crores solely from ICT Business and IT Services during each of the last 3 financial years as on 31.03.2016.	Clarification : In case of Audited and Certified Balance Sheet and Profit/Loss Account for the year 2015-16 not available, CA Certificate for the un-audited accounts be enclosed.
3.	15 / Section 3: Project objective & Broad Scope of work	4.0 : Existing infrastructure details All new solutions that would be provided as part of Phase-III implementation should be seamlessly integrated to existing Integrated City Dashboard.	Clarification : New Smart Lighting & Environmental Sensors under this phase must be integrated to existing CDP platform.
4.	20 / Section 3: Project objective & Broad Scope of work	4. Expansion of IP Surveillance Solution :	Clarification : Bidder does not have to buy any new licenses. However, the Phase-3 Bidder will integrate the surveillance cameras in the existing VSM & storage of Phase-2. Also the bidder has to integrate existing Phase-1 & Phase-2 VSM Storage into a single VSM system.
5.	22 / Section 3: Project objective & Broad Scope of work	8. Virtualized AAA solution for network devices -	Clarification : AAA solution is required and would be common for all network devices.
6.	26 / Section 3: Project objective & Broad Scope of work	10. The selected System Integrator (SI) along with their OEM partner(s) has to impart training to JDA Technical team covering the broad areas covered under this RFP, for them to smoothly run the operations and establish basic understanding of functionality of use cases being implemented under this RFP.	Clarification : The training will be at site(s) where such kinds of end use cases have been successfully deployed in India and or abroad.
7.	64 / Annexure : Locations	Structural Sensors - Sitapura Flyover Bridge (ROB), Tonk Road	To be replaced with 22 Godown Pulia (ROB), Hawa Sarak A Note to be added at the end of the table, as under – Note: Presently, Wi-Fi Hotspot, IP Surveillance cameras and one Interactive Kiosk (each) are installed at Central Park and Jawahar Circle. The Phase-3 RFP includes both the location where Wi-Fi Hotspot, IP Surveillance

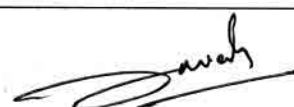


			cameras will be extended in the remaining part of the park. The O&M of the already installed resources at these parks will be under the scope of Phase-3 Bidder.
8.	69-70 / Annexure 3 : Technical Specifications	Technical Specification for Remote Kiosk Solution: Cabin remote management. : Optional ability to scan and upload the document that a citizen might share it with the expert for additional proof as an example.	Clarification : The Remote kiosk cabin should have Touch screen, split AC, half hour back-up UPS, executive chair. - Scanner is an integral part of the solution. There must be 2 scanners to be provide by the bidder. 1 document camera & the 2nd as printer/scanner. - All the asked devices must be provided by the bidder. JDA already has REGS installed. Bidder must visit them & understand the interfaces/peripherals being currently used, the same must be provided as part of bidder solution under phase-3 scope. To be added as under - For customization of functioning of IEC Box with various applications to be deployed as per requirement along with maintenance during the contract period, bidder has to provide a Sr. Programmer having expertise on working on IEC platform who will be work under JDA IT Cell. Bidder has to provide resource that has Good understanding of Interactive Experience platforms like Kiosks. Preferably OEM Interactive Experience Client and manager products. Good understanding of connecting and controlling peripherals to kiosks clients and developing software to control peripherals, Good understanding of Web technologies like Chrome, JavaScript, Web Services, HTTP Servers, Web based file management etc. The resource also should have ability to understand Web Server technologies, content and file management using Web Servers, HTML5, Cobra Browser.
9.	75 / Annexure 3 : Technical Specifications	Technical Specifications for Luminaries : Point no. 25 - The luminaries' shall be compatible for 5 or 7	Point no. 25 regarding NEMA To be deleted . Following to be added -



		pin NEMA socket (ANSI C136.41) to take the required NEMA compatible control nodes.	Bidder and the implementer of the smart lighting solution has to make sure that there is enough protection against voltage surges, wrong wiring and short circuits in the smart lighting system to protect the electronic components of the smart nodes and LEDs"
10.	77 / Annexure 3 : Technical Specifications	Specifications of Gateway for the Smart lighting - missing	The specifications of Gateway for the Smart Lights to be added after the table of specifications of luminaries, as under –

• Gateway -	
Main Text	- Gateway should be state-of-the-art network interface device which synchronizes between the lighting control devices and the lighting management software - Gateway should have in-built radio module for wireless network configuration, commissioning and maintenance. It should reliably communicate with a large number of devices spread across large distances. Inbuilt smart monitoring tools should notify users of lamp and network status. - Gateway should offer several internet connectivity options with robustness and flexibility to the end-customer with industry standard protocols allowing easy integration with other systems and networks.
Integrated Product	In-built AC-DC power supply, 2.4 GHz Wireless network communication, Server communication (SIM card, Ethernet and WiFi) and External sensor interface.
Input Voltage	Universal 85 – 264 VAC, 50/60 Hz.
Power Consumption	<8W typical
Processor	High-performance industrial grade dual-core ARM Cortex-A9 CPU, 1 GHz
Data Storage	4 GB micro SD-card
Electrical Protection	Class II Overload, Short-circuit and Over-temperature protection
Operating Conditions	-20° C to +70° C, 20% to 90% Rh non-condensing
Antenna	Integrated internally for 2.4 GHz wireless, M2M and WiFi
Connectors	1x Ethernet port (10/100, RJ45) 1x Micro-SD memory card slot (max. 32 GB) 1x Push insert Standard SIM-card bay (25mm x 15mm) 2x UfL Antenna connector (2.4 GHz wireless, WiFi) 1x SMA-F Antenna connector (2G/ 3G modem)
Product Mounting	Pole or Wall mounting
Housing	IP65, Fireproof (UL94V0) Housing
Dimension	230mm x 130mm x 90mm
Manufacturing	ISO 9001:2008, Made in Europe
Compliance	- RoHS, CE, EN301489-1/3, EN61547, EN55015, EN300328, EN60950 - RF Transceiver compliant with US (FCC)
Server Communication	2G GSM/GPRS/EDGE quad-band, 3G six-band UMTS/HSPA - Additional Ports: Ethernet and WiFi
Network security	128 AES, WebSocket (with SSL) and VPN - Multi-layered security with encryption



	• Dual protection for messages between Devices & Gateway • Certificate based secure WebSocket and VPN connection • Secure pairing between Gateway and DigiHub
Functions	• Real-time monitoring of devices & Network Fault Tolerance • Several Internet Connectivity Options (Ethernet/ WiFi, GSM) • Automatic Connectivity selection • SNTP time sync between GW and devices • Regular logging of the system operation (selectable time interval) • Real-time connection between Gateway and DigiHub • Full-remote debugging of Gateway as well as devices • Update over-the-air for Gateway & devices (software & firmware) • Local intelligence for reliability & faster response times • Open standards for 3rd party compatibility • Large local data storage to avoid data loss in case of communication link failure
Over-the-air update	Configurations, software as well as entire firmware can be updated remotely ensuring up to date network infrastructure.
Remote Monitoring	• Light Management Software allows remote management, monitoring, control and reporting at individual and group level. • Advanced scheduling
Wireless Network	• 2.4 GHz IEEE 802.15.4 • Self-forming (and User-configurable), Self-healing Wireless Network • +20 dBm max. transmit power • -98 dBm max. receiver sensitivity • Up to 1 km open field range
Device to Gateway Ratio	200:1 assuming conditions allow

S. No.	Page no / Clause No	Existing Clause	Addendum / deletion / clarification
11.	87/Annexure 3: Technical Specifications	Technical Specification for Display Servers - 3. HDD 450GB SAS 15K RPM SFF HDD (4K)	To be replaced with - 3. HDD 450GB SAS 15K RPM SFF HDD
12.	87/Annexure 3: Technical Specifications	12. Graphics NVIDIA GTX 750Ti (EmTek GTX750Ti STORMX DUAL 2048M GDDR5)	To be deleted from the Server Specification, however bidder has to provide the same card as part of their solution.
13.	88/Annexure 3: Technical Specifications	Technical Specification for Operator Console - 3. HDD 450GB SAS 15K RPM SFF HDD (4K)	To be replaced with - 3. HDD 450GB SAS 15K RPM SFF HDD
14.	88/Annexure 3: Technical Specifications	12. Graphics NVIDIA GTX 750Ti (EmTek GTX750Ti STORMX DUAL 2048M GDDR5)	To be deleted from the Server Specification, however bidder has to provide the same card as part of their solution.
15.	88/Annexure 3: Technical Specifications	Technical Specification for Video Processing Server - 3. HDD 450GB SAS 15K RPM SFF HDD (4K)	To be replaced with - 3. HDD 450GB SAS 15K RPM SFF HDD
16.	89/Annexure 3: Technical Specifications	9. Support 3YR SMARTNET 8X5XNBD UCS C240 M4 SFF 8 HD w/o expdr, CPU, mem	To be replaced with - 9. Support 3YR SMARTNET 8X5XNBD UCS C220 M4 SFF 8 HD w/o expdr, CPU, mem



17.	89/Annexure 3: Technical Specifications	Technical Specification for Advanced Interface for integrating with 3rd party system - 3. HDD 450GB SAS 15K RPM SFF HDD (4K)	To be replaced with - 3. HDD 450GB SAS 15K RPM SFF HDD
18.	89/Annexure 3: Technical Specifications	9. Support 3YR SMARTNET 8X5XNBD UCS C240 M4 SFF 8 HD w/o expdr, CPU, mem	To be replaced with - 9. Support 3YR SMARTNET 8X5XNBD UCS C220 M4 SFF 8 HD w/o expdr, CPU, mem
19.	105/Annexure 15: Price schedule	Column No. 5 - Item -1 : VAT Amount @ 15% (If applicable) on Col. No. 4 In Figures To be entered by the Bidder	Clarification - Column No. 5 - Item-1 : VAT Amount (If applicable) on Col. No. 4 In Figures To be entered by the Bidder. Same may be applied for BOQ in Price Bid.

All other terms and conditions of the RFP remains the same.


Executive Engineer (Elect.-II)
Procuring Entity

