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M/s. Golden Ratio solution pvt ltd

| Sr no. | Reference in tender document | Clause no. and Details | Queries of M/s. Golden Ratio solution pvt ltd | Reply of BNP, Dewas | Remark |
|--------|--|---|--|---------------------|-----------|
| 1 | Page no 22- Tender document – Eligibility Criteria | II) Capability, Equipment, and Manufacturing capabilities IV) The firm should have the following core competency | Request to remove / exempt these II & IV point also from Eligibility criteria for NEW STARTUP and MSME organizations as these points indirectly asked for Prior Experience from companies and which deviates the vision of GOI supports for MSME / Startups. Against this, BNP can asked for SOLUTION DOCUMENT, Questions and answer session – Technical discussion and PROOF of CPNCEPT to be implemented to find core expertise from firm before finalizing the bidder in technical qualifications. | As per tender | No change |
| 2 | Page No 13 of Technical Specifications under INTELLIGENT VIDEO | In 2MP Bullet camera you have asked the camera should have built in Video Motion Detection, Active Tampering Alarm and ability to port third party applications on the edge, of these we have | advisable to get this point mentioned either as optional or in “/”, or better removed. | As per tender | No change |

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| 3 | 3. Site Inspection & Existing System Details Annexure-1 Page No. 2,3 & 4 | the VMD, Tampering, Alarm etc, however we do not support third party applications to be loaded on the camera for security reasons, and hence will not support this feature | Kindly Clarify if the Existing Servers can be re-used. If Yes, then request you to please provide with the Raw Capacity & Usable Capacity available within the Existing Servers. | As per tender | No change |
| 4 | Video Management System Software along Device & other requisite Devices. Annexure-1 Page No. 19 & 20 | Live Video Storage -171 Cameras for 7 No. Of Days under RAID 6 | We Understand that the Current Tender Requirement for Recording in SAN Storage is of 287 Cameras, however the Live Video Storage within the NVR/Recording Server is asked for 171 Cameras Only. Please Clarify if whether 171 Cameras or 281 Cameras Recorinf is required within the NVR/Recording Server. | The point is noted | Corrigendum shall be issued if required |
| 5 | Network Video Recording Server & Redundant Video Recording Server Annexure-1 Page No. 28 | Live Video Storage -45 Cameras for 7 No. Of Days under RAID 6 SAS (7.2K RPM or Better) | his Clause is in Contradiction with the Clause of VMS on Page No. 19 which states that "No. of Camera Support per NVR Appliance -100 Min." We Understand that the Live | The point is noted | Corrigendum shall be issued if required |

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| 6 | <p>Section XIV: Manufacturer's Authorization Form Page No. 32</p> | <p>We further confirm that no supplier or firm or individual other than Messrs.....(name and address of the agent) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by US.</p> | <p>Video Storage within the NVR should be 7 Days for all the Network Cameras mapped to that Particular Video Recording Server instead of just 45 Cameras.</p> <p>Please confirm if our Understanding is Correct.</p> <p>We Herby request you to please Delete this Clause.</p> | <p>The point is noted</p> <p>Corrigendum shall be issued if required</p> |
| 7 | <p>Page No 14 of Tender under PAYMENT Terms</p> | <p>You have mentioned 100% Payment against receipt/Supply of material and again writing after Installation</p> | <p>Kindly Clarify, as proposing some advance mobilization payment against PBG submission for better payment schedule for the project.</p> | <p>No change</p> |
| 8 | <p>Page No. 10 of Technical Specifications under BILL OF MATERIAL</p> | <p>Turnkey Project and No payment will paid if any material will get increased</p> | <p>Kindly Clarify if No. of Cameras/Switch Server etc will get increase how can be these may be managed and will</p> | <p>No change</p> |

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| 9 | Page No 22 Point No 1 Pre qualifications | You Have asked for Analytics & IP Cameras within in last 5 Years | support the requirement of the solutions? IP Cameras with Analytics limiting to various SI. Request to kindly amend as only IP Cameras. | As per tender | No change |
| 10 | Page No 26 of Tender under Point No 5 Cameras License | You Have mentioned that you required Camera License 290 Nos. | Kindly Clarify how old Camera which is almost 207 Nos can be integrated. | As per tender | No change |
| 11 | Additional Queries – STORAGE – Page no 3 of Technical Specifications | Asked for 290 + 207 existing cameras storage | As per details mentioned in the tender, please confirm are we propose system for 290 + 207 existing cameras STORAGE System, if yes then kindly provide details of how much existing HDD available in existing NVR system at BNP | As per tender | No change |
| 12 | Additional Queries – Old Surveillance items AMCs cost, Relocation cost, Installation cost | AMC category | Old cameras, licenses, Servers, Switches, software licenses IT equipment's – AMC / CAMC cost require to ADD in financial BOQ cost for better comparison among the SI's understandings. | As per tender | No change |
| 13 | Additional Queries – SOFTWARE LICENSES for Cameras – New and Existing | Asked for 290 + 207 existing cameras LICENSES – Video Management and Video Analytics | As per mention in tender technical specifications, please clarify Licenses details numbers available in existing system, their current functionality and as VMS license was from other existing OEM then to change to new one please amend the BOQ numbers of mention licenses (VMS + VA) | As per tender | No change |

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| | | to new financial number to 290 + 207 cameras nos for new system | |
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Ref: Email dt:09.12.2021 received from M/s. Netplace Technologies Pvt. Ltd.

M/s. Netplace Technologies Pvt. Ltd.

| Sr no. | Reference in tender document | Clause no. and Details | Queries of M/s | Reply of BNP, Dewas | Remark |
|--------|---|------------------------|---|---------------------|---|
| 1 | Page No. 16 of Technical specs Annexure I | VMS Specifications | Request to add below features in the VMS specifications to get the added advantage of VMS software application - 1.1) To prevent unauthorized access to the streamed video, the VMS should support certificate-based HTTPS encrypted and SRTP communication between the camera and the Recording Server 1.2) To prevent unauthorized access to the streamed video and other communication data between servers and clients, the VMS should support certificate-based HTTPS encrypted communication 1.3) To prevent unauthorized access | Point is Noted | Corrigendum shall be issued if required |

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| 2 | Page No. 16 of Technical specs Annexure I | VMS Specifications | <p>Request to add below features :</p> <p>1) VMS supporting on ONVIF S, G, Q, T and M profile to consider openness.</p> <p>2) VMS to be full member or affiliated or contributor of ONVIF organization which should be listed on ONVIF website. This will make system open with the ONVIF registered OEM.</p> | As per tender | No change |
| | | | <p>directly to the recordings, the VMS should support media database encryption (AES256), SHA-2 and digital signing</p> <p>2) The VMS system shall be able to update the cameras password and firmware directly from VMS software/console</p> <p>3) Please confirm if integration of VMS software is required with the PIDS system.</p> <p>REASON TO REQUEST: To prevent unauthorized access to the streamed video and system would be more secure.</p> | | |

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| | | | <p>3) VMS should be supported more than 25 camera OEM integrated with dedicated drivers using API/ SDK. 4) Propose VMS and Camera should not of same OEM but tightly integrated and should have running site of more than 1000 cameras for 3 years. REASON TO REQUEST: This will make system Open architecture.</p> | | |
| <p align="center">4K/ 12MP/ 8MP True Day/ Night IR IP Bullet Color CCTV Camera</p> | | | | | |
| 3 | Page No.11 of Technical specs Annexure I | Vandal Rating: Yes. IK08 or better rating. | Request you to change Vandal Rating: Yes. IK10 or better rating. As it is required as per your site conditions. IK10 is provided in all OEM's and IK08 is provided by few OEM's in which glass of camera is not IK rated and there is chance for vandalism of Camera. | POINT IS NOTED | Corrigendum shall be issued if required |
| <p align="center">2MP/Full HD True Day/ Night IR IP Bullet Color CCTV Camera</p> | | | | | |
| 4 | Page No.12 of | Cyber Security: | Request to change | POINT IS NOTED | Corrigendum shall be |

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| | Technical specs Annexure I | Camera should have signed firmware | Cyber Security compliance for all cameras. The same should be certified by Third Party and documentary evidence shall be enclosed along with technical bid. | | Issued if required |
| LPR/ANPR Camera | | | | | |
| 5 | Page No.15 of Technical specs Annexure I | Frame Rate : 20fps or better | Request to change Frame Rate : 25fps Every OEM has 25 fps camera and only few OEM provide 20fps . Please change it as 25 fps for fair compliance to all OEMs | As per tender | No change |
| 6 | Page No. 28 of Technical specs document Annexure I | Management Server Software : OS Licensed software Database licensed software VMS Software License. Health Monitoring Software' with License. Server — client-based antivirus. Server antivirus software 1 license with 20 client licenses for entire duration of contract. (i.e. Endpoint Protection Software) MS Office 2019 Business or Latest Equivalent MS Office Suite | Window server OS licensed required | Point is clarified | No change |

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| 7 | Page No. 28 of Technical specs Annexure I | Graphics Adapter: Intel HD Graphics or any other to meet the performance & features of entire IP CCTV surveillance system. | Bidder Understanding This is for standard Internal VGA Graphics. No external GPU require. | Point is clarified | No change |
| 8 | Page No. 29 of Technical specs Annexure I | Analytic Server : Graphics Adapter : Yes | Require more clarity on this. | Point is clarified | No change |
| 9 | Page No. 30 of Technical specs Annexure I | Cache: The system should have minimum 16GB usable cache (Read & Write) across the two controllers with an ability to protect data on cache if the system fails and it results into controller failure. The cache on the storage should have battery backup. Cache shall be dynamically managed for both Read and Write operations' | Cache: The system should have minimum 16GB cache (Read & Write) across the two controllers with an ability to protect data on cache if the system fails and it results into controller failure. The cache on the storage should have battery backup. Cache shall be dynamically managed for both Read and Write operations' | Point is noted | Corrigendum shall be issued if required |
| 10 | Page no. 26 of Technical specs Annexure I | Video wall 20 screens of size 40inch-43inch" LED in 2x10 Matrix | Request to incorporate Industry standard 55 inch Display with 0.44 mm Bezel. | As per tender | No change |
| 11 | Page No. 14 of Tender Document /Clause: SCC-4 | Terms and Mode of Payment: Payment will be as follows: | Please change the Terms and Mode of Payment: Payment will be as follows: | As per tender | No change |

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| <p>12</p> <p>Page No.22 of Tender Document Section IX</p> | <p>(i) IP Based Video Surveillance System & ANPR :- 100% Payment shall be released after receipt of entire materials, inspection & acceptance at BNP Dewas store, successfully SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND SUPPORT (SITCS) OF 281 NOS. IP BASED CCTV SYSTEM & 06 NOS. ANPR CAMERA ON TURNKEY BASIS WITH 3YEAR WARRANTY AND 3YEAR CAMC in satisfactory condition & Final acceptance certificate af BNP submission of bill and certification of the bill by the Officer Incharge /User Department within 30 days.</p> | <p>(i) IP Based Video Surveillance System & ANPR :- 80% Payment shall be released after receipt of entire materials Supply, inspection & acceptance at BNP Dewas store. 20% Payment shall be released after, successfully INSTALLATION, TESTING, COMMISSIONING AND SUPPORT (SITCS) OF 281 NOS. IP BASED CCTV SYSTEM & 06 NOS. ANPR CAMERA ON TURNKEY BASIS in satisfactory condition & Final acceptance certificate of BNP submission of bill and certification of the bill by the Officer Incharge /User Department within 15 days.</p> | <p>ELIGIBILITY CRITERIA (b) Capability, Equipment and Manufacturing Facilities: The bidder firm must have an annual Capacity to Design, supply,</p> | <p>Request to add in ELIGIBILITY CRITERIA (b) Capability, Equipment and Manufacturing Facilities: The bidder firm must have an annual Capacity to Design,</p> | <p>As discussed above</p> | <p>Corrigendum shall be issued if required</p> |
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| | | installed and commissioned One similar enterprise level IP Based Video Surveillance System with Analytics having at least 144 nos. IP Cameras to any organization. | supply, installed and commissioned One similar enterprise level IP Based Video Surveillance System with Analytics having at least 144 nos. IP Cameras with certified by VMS Platform to any organization. | | |
| 13 | Page No.22 of Tender Document Section IX | (c) Financial Standing:- i. Average Annual turnover of the bidder firm during last three financial years ending 31.03.2021 should be more than Rs.4,44,81,973.40/- | Please change (c) Financial Standing:- i. Average Annual turnover of the bidder firm during last three financial years ending 31.03.2021 should be more than Rs. 20,00,00,000/- | As per tender | No change |
| 14 | Page No. 2 of Technical specs Annexure I/Clause 2.17 | The bidder organization shall be ISO/IEC 27001 & 9001 certified. | Is it necessary as all the bidder organization is a System Integrator not a software developers & manufactures so it's difficult to match this clause. | As per tender | No change |

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M/s. i2V Systems Pvt. Ltd.

| Sr no. | Reference in tender document | Clause no. and Details | Queries of M/s. i2V Systems Pvt. Ltd. | Reply of BNP, Dewas | Remark |
|--------|--|--|---|---------------------|-----------|
| 1 | 3. Site Inspection & Existing System Details Annexure-1 Page No. 2,3 & 4 | As per RFP Storage & All Passive Existing Components can be re-used. | Kindly please Clarify if the Existing Servers can be re-used. If Yes, then request you to please provide with the Raw Capacity & Usable Capacity available within the Existing Servers. | As per tender | No change |
| 2 | Annexure-1 Page No. 2 | VCA Analytics | Kindly please Provide the List of Video Analytics that are currently installed, along with the List of Use-Cases running on each Cameras. We Understand that the Existing Analytics are being replaced or upgraded, thus we understand that the Video Analytics Licenses Quantity mentioned on Page. No. 21 of RFP is Total Qty Inclusive of Replacement or Upgradation. | Point is clarified | No change |

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| <p>3</p> <p>Video Management System Software along Device & other requisite Devices. Annexure-1 Page No. 19 & 20</p> | <p>Live Video Storage -171 Cameras for 7 No. Of Days under RAID 6</p> | <p>We Understand that the Current Tender Requirement for Recording in SAN Storage is of 287 Cameras, however the Lie Video Storage within the NVR/Recording Server is asked for 171 Cameras Only.</p> <p>Please Clarify if whether 171 Cameras or 281 Cameras Recording is required within the NVR/Recording Server.</p> | <p>The point is noted</p> | <p>Corrigendum shall be issued if required</p> |
| <p>4</p> <p>6. System Design, Requirement and Detailed Technical Specifications.</p> | <p>Annexure-1 Page No. 7 & 8</p> <p>The Network Video Recording Servers (NVR) should be the front-end recording of the cameras for 07 Days RAID 6 backup with N+1 hot stand-by configuration. If any one of the cameras Servers fails, the stand by server must take over the automatically without any delay.</p> | <p>We Understand that the Total Recording required for all Cameras is for 90+9=97 Days, wherein 7 Days Recording of all Cameras would be done in their respective Recording Servers/NVRs and 90 Days Recording would be done in the External SAN storage.</p> <p>Please Confirm if our Understanding is Correct.</p> | <p>As per tender</p> | <p>No change</p> |
| <p>5</p> <p>Network Video Recording Server & Redundant Video</p> | <p>Live Video Storage -45 Cameras for 7 No. Of Days under RAID 6 SAS</p> | <p>This Clause is in Contradiction with the Clause of VMS on Page No.</p> | <p>The point is noted</p> | <p>Corrigendum shall be issued if required</p> |

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| Recording Server Annexure-1 Page No. 28 | (7.2K RPM or Better) | 19 which states that "No. of Camera Support per NVR Appliance -100 Min." We Understand that the Live Video Storage within the NVR should be 7 Days for all the Network Cameras mapped to that Particular Video Recording Server instead of just 45 Cameras. Please confirm if our Understanding is Correct. | The point is noted | Corrigendum shall be issued if required |
| 6 Section XIV: Manufacturer's Authorization Form | We further confirm that no supplier or firm or individual other than Messrs.....(name and address of the agent) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us. | We Herely request you to please Delete this Clause. | | |

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M/S. Techno honey Pvt ltd

| Sr no. | Reference in tender document | Clause no. and Details | Queries of M/s. Techno honey pvt ltd | Reply of BNP, Dewas | Remark |
|--------|---|--|---------------------------------------|-----------------------|-----------|
| 1 | 12MP camera Camera Outdoor/ Indoor (5 nos.) | Resolution 4K1 12mp or more | Comply to 4K camera | As per tender | No change |
| 2 | 12MP /4K True Day/Night IR IP Bullet color CCTV Camera | | | | |
| 2 | Autofocus Lens varifocal | 2.8-12 mm motorized focus and zoom lens (remotely it can be done) | 4-9mm | As per tender | No change |
| 3 | Built in Analytics | Yes, and must have Face Recognition/detection system | Comply with server based analytics | As per tender | No change |
| 4 | 2MP camera Camera Outdoor/ Indoor (105 nos.) | Built in Analytics Yes, and must have Face Recognition/detection system | Comply with server based analytics | As per tender | No change |
| 5 | 2MP/FULL HD True day/night IR IP Bullet color CCTV Camera | The VMS application shall support all the features & functionalities of the offered cameras. Documentary proof should be submitted for | | Not related to tender | |

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| 6 | same. | The offered VMS should have capability to integrate with 2500+ camera models with API level Integration. Documentary evidence having camera make and model detail should be mandatorily submitted. | | Not related to tender | |
| 7 | VMS should be provided with unlimited number of Failover Servers and Failover Camera Licenses without any cost. | | | Not related to tender | |
| 8 | The VMS should be mandatory provided with unlimited number of Client Licenses without any cost. | | | Not related to tender | |
| 9 | VMS manufacturer shall provide their SDK without any additional charges (or any other integration means) libraries and documentation) to ensure a seamless integration with any other system. | | | Not related to tender | |
| 10 | VMS shall have API based integration with | | | Not related to tender | |

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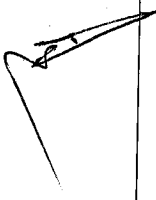
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| | | <p>the major camera vendors in order to support features such as, up to 3 Multi-streams, SD Card storage sync, Camera based supported Edge Analytics, Camera I/O support, Camera Audio support</p> | | <p>Not related to tender</p> | |
| 11 | | <p>VMS OEM should be one of the top 5 OEM from Latest IHS World Report for Video Management Software</p> | | <p>Not related to tender</p> | |
| 12 | | <p>VMS should support Scalable Video Quality Recording to record high-quality video to edge storage, while low-quality reference video stream can be recorded centrally in the recording servers</p> | | <p>Not related to tender</p> | |
| 13 | | <p>To ensure openness, VMS, cameras, and VA must not be from the same manufacturer but should be tightly integrated on API level.</p> | | <p>Not related to tender</p> | |
| 14 | | <p>The proposed camera and VMS make should</p> | | <p>Not related to tender</p> | |

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| | already have installation of 300 Nos. running from last 3 years. | | Not related to tender | |
| 15 | The proposed VMS should be ONVIF member for last 5 years and should support ONVIF S, G, Q and T profile | | | |
| 16 | RAID Cache 512 Mb or better | Recommended to consider latest RAID technology on 8G NV Cache | As per tender | No change |
| 17 | Hardware Performance 1 How users can proactively monitor servers status like CPU, Temp, Storage, Power, Network , and predict hardware failures seamlessly through their VMS and getting Alarms with alerts on to VMS client. 2. Server should have accelerated performance with 1.6TB Non-volatile Live Video Cache that increases performance. | Additional Inputs | 1. The point is noted 2. As per tender | 1. Corrigendum shall be issued if required 2. no change |
| 18 | Hardware Performance Cyber hardening Point - Server should provide effective protection, reliable detection & rapid recovery using | Additional Inputs | The point is noted | Corrigendum shall be issued if required |

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M/s. HiTech Accurate Communication pvt ltd

Queries from 01-06 asked from M/s. HiTech Accurate Communication pvt ltd is same as Queries from M/s. Tyco Security products

| Sr no. | Reference in tender document | Clause no. and Details | Queries of M/s. HiTech Accurate Communication pvt ltd | Reply of BNP, Dewas | Remark |
|--------|-------------------------------|--|--|---------------------|-----------|
| 1 | 12MP/8MP Camera Page no.11 | Night Vision - IR Distance up to 50 meters | Request you to please amend and accept IR distance up to 40 meters | As per tender | No change |
| 2 | 12MP/8MP Camera Page no.11 | Minimum Illumination | Please amend and accept illumination as Color: 0.3 Lux & B/W: 0.003 Lux | As per tender | No change |
| 3 | Terms of payment | | You are requested to amended the payment terms as follows : 25% advance, 50% on delivery, 15% after I & C, & 10% after Commissioning. | As per tender | No change |

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