

MINUTES OF THE PREBID MEETING DATED 07/11/2015

FOR

SUPPLY, INSTALLATION, TESTING AND CONFIGURATION OF IT, COMMUNICATION, ACCESS CONTROL & SURVEILLANCE SYSTEM AT IVC, CHENGALPATTU.

Tender Enquiry Document No. NPI-120310-LVS-S1-TD-01 issued on 31/10/2015

Venue: HLL Biotech Limited, TICEL Biopark, Taramani, Chennai

Project : Integrated Vaccines Complex
Date of the meeting : 07th November 2015
Attendees : See attached list of attendees
Reviewed by : M/s. NNE Pharmaplan dated 20.11.2015
Distribution to : HBL Biotech Limited

- All Concerned Persons

NNE Pharmaplan India Limited

- All Concerned Persons

Prequalified vendors

- To all the pre-qualified bidders

Issued by : Chief Executive Officer (HBL)
Issued on : 21st November 2015
Agenda : Pre-bid meeting for Supply, Installation, Testing & Configuration of IT, Communication, Access Control & Surveillance System at IVC, Chengalpattu



(B. Jaimin Ascheem)
for NNE Pharmaplan

TABLE OF CONTENTS

| S No | Contents | Page Number |
|------|---|-------------|
| 1 | Table of contents | 2 |
| 2 | Amendments to the Tender & Clarifications to the Pre-bid queries. | 3 |
| 3 | Commercial Queries and clarifications | 4 |
| 4 | Technical Queries and clarifications | 11 |
| 5 | Attendance sheet | 23 |

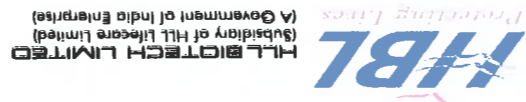
[Handwritten signature]

| S.N | Amendments to the tender & Clarifications to the pre-bid queries. |
|-----|---|
| 1 | On the request of all the bidders present in the pre-bid meeting, the last date for submission of the tender has been extended to 30-11-2015, at 15:30 Hrs , and the bid will be opened on the same day at 16:00 hrs at HLL Biotech Limited, Module 013-15, TICEL Biopark Campus, Taramani, Chennai 600 113 |
| 2 | All the queries raised by the parties and their subsequent clarifications are attached with this document from Page 4 to Page 22 |
| 3 | Henceforth, this pre-bid meeting MOM has to be considered as a part of the original tender |

[Handwritten signature]

22

COMMERCIAL QUERIES AND REPLIES



COMMERCIAL QUERIES AND REPLIES

one pharmaplan®

| Sr. No | Description as in Tender | Bidder Query | Clarification to the Query |
|--------|--------------------------|---|---|
| 1 | Eligibility Criteria | Whether Consortium/ Joint Venture is allowed to participate in this tender. | The responsiveness to the qualification criteria in that case will be evaluated for the consortium/ joint venture as a legal entity. The responsiveness of the individual partners will not be considered. |
| 2 | Payment terms | Bidder has requested for 10% to 20% Advance Payment | <p>The revised payment Terms as per G.C.C Clause No. 13.4 is as follows:</p> <p>A) Payment for Domestic Goods Or Foreign Origin Located Within India. Payment shall be made within in 15 days from the date of submission of all the required documents and invoice as per the schedule given below and it shall be paid in Indian Rupees:</p> <p>a) Advance: 10% of the Contract Value shall be released against Bank Guarantee Equivalent to 10% of the Advance amount and submission of 5% of the Contract Value as Security Deposit/Performance Security in the form of Bank Guarantee from any Scheduled Commercial Bank. The Advance Bank Guarantee shall be valid for a period upto the completion of the Contract.</p> <p>b) 70 % of the contract price shall be paid on delivery of goods at site in good condition. b) 10% of the contract value against Installation & configuration at site.</p> |

mt

| Sr. No | Description as in Tender | Bidder Query | Clarification to the Query |
|--------|--------------------------|--------------|---|
| | | | <p>c) Balance 10 % payment would be made on submission of all documentation and on receipt of 'Final Acceptance Certificate' from HBL</p> <p>B) Payment for Imported Goods: Payment against imported goods shall be made in the currency through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country as specified in the contract.</p> <p>90% of DAP value shall be made in the currency through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the supplier in a bank in his country as specified in the contract.</p> <p>the contract in the following manner:</p> <p>a) Advance: 10% of the net DAP Price shall be released against Bank Guarantee Equivalent to 110% of the Advance amount in the same currency and submission of 5% of the Contract Value as Security Deposit/Performance Security in the form of Bank Guarantee from any Scheduled Commercial Bank. The same shall be endorsed by a Scheduled Commercial Bank in India. The Advance Bank Guarantee shall be valid for a period upto the completion of the Contract.</p> <p>b) 70% of the net DAP price (DAP price less Indian Agency commission) of the goods shall be paid against delivery of</p> |

Handwritten signature

| Sr. No | Description as in Tender | Bidder Query | Clarification to the Query |
|--------|---|---|----------------------------|
| 3 | Payment Terms The bidders had requested for release of payment on Pro Rata basis | Part payment on supply of BOQ items maybe released on receipt of running bills | |
| 4 | Payment terms What is the time period for the release of Payment | Payment shall be made within in 15 days from the date of submission of all the required documents and invoice as per the Payment schedule | |
| 5 | Price Schedule Bidder asked whether the price can be quoted in both Foreign Currency as well as INR in the BOQ | It is Clarified that in the BOQ only one currency can be used, either in foreign currency or in INR. | |
| 6 | Taxes & Duties Whether Form "C" will be provided for interstate sales. | As per Clause 3.2.36 of Special Conditions of Contract of the Tender Document: "For interstate sales, Form "C" will be issued for concessional CST." | |
| 7 | Taxes & Duties Whether any Service Tax exemption will be provided. | Service Tax exemption is not provided. | |
| 8 | Taxes & Duties Whether Work Contract Tax (WCT) be applicable. | WCT will be applicable. | |

| Sr. No | Description as in Tender | Bidder Query | Clarification to the Query |
|--------|--------------------------|---|---|
| 9 | Taxes & Duties | What is the percentage of TDS applicable | TDS will be deducted at a rate of 2% |
| 10 | Warranty | What is the duration of Supplier's warranty | As mentioned in the Tender Document, the Supplier's warranty will be for a duration of one year from the date of Final Acceptance. The OEM warranty will vary from item to item and does not depend on the Supplier's warranty. |
| 11 | Tender Fee & EMD | Whether tender fee will be exempted for valid NSIC registered bidder. | Both Tender Fee and EMD are exempted for valid NSIC registered bidders |
| 12 | PBG & EMD | Validity of PBG & EMD | As per the relevant clauses in the Tender Document (clause 18.5 of GIT for EMD and Clause 3.2.23 of SCC for PBG) |
| 13 | Liquidated Damages | Deduction of Liquidated Damages | LD will be deducted as per Clause 8.6 of the General Conditions of Contract in the Tender Document. 0.5% of the order value shall be deducted per week or part of a week thereof. |
| 14 | Payment Terms | Service Order | As per clause No. 13.4 of GCC the revised Payment terms for services: In case of separate service order issued to the vendor, the payment shall be as below: a. 50% of service order value against installation b. 30% of service order value against configuration c. Balance 20% of service order value against Final Acceptance Certificate by Client/ Purchaser |

| Sr. No. | Description as in Tender | Bidder Query | Clarification to the Query |
|---------|---|--|--|
| 15 | Eligibility Criteria Whether Similar Work means all four components mentioned in the Scope of Work, i.e IT, Communication, Surveillance & Access Control | In the Eligibility Criteria, Orders given as proof of past performance should contain proof of all four components, i.e IT, Communication, Surveillance & Access Control | |
| 16 | Storage Whether Customer will provide Storage Space at the Site? | Space at site shall be provided by HBL, however the vendor shall be responsible for the security and safekeeping of the goods. | |
| 17 | Insurance Under whose Scope is Insurance during Transit and Storage | Under whose Scope is Insurance during Transit and Storage | Insurance comes under the Scope of the Bidder for entire Supply, Installation & Configuration |
| 18 | Price Schedule Will the L-1 party be identified Schedule wise like IT/Communication/Access Control/Surveillance or as a Lump sum contract | Will the L-1 party be identified Schedule wise like IT/Communication/Access Control/Surveillance or as a Lump sum contract | This is a lumpsum tender based on the Bill of Quantities. |
| 19 | Preferred Make When a material, article or Component is described by a particular brand or manufacturer or vendor in the Tender Document is to be understood as a description of establishing the type, function and quality of the item and as not meant to limiting the competition? Please Clarify if suitable or better product other than approved make be quoted? | When a material, article or Component is described by a particular brand or manufacturer or vendor in the Tender Document is to be understood as a description of establishing the type, function and quality of the item and as not meant to limiting the competition? Please Clarify if suitable or better product other than approved make be quoted? | Bidder has to quote only as per the approved makes provided in the Tender Document. No deviations allowed |
| 20 | Material/Workmanship As per Clause 2.3.7 of Technical Specifications in the Tender Document, it states "the materials listed under PERFORMANCE and APPROVED MAKE" only shall be used. | As per Clause 2.3.7 of Technical Specifications in the Tender Document, it states "the materials listed under PERFORMANCE and APPROVED MAKE" only shall be used. | Bidder has to quote only as per the approved makes provided in the Tender Document. Clause 2.1.7 relates to information required from vendor. Bidder has to quote as per the approved makes provided in the tender document |



| Sr. No | Description as in Tender | Bidder Query | Clarification to the Query |
|--------|---------------------------------------|--|---|
| 22 | List of Approved Makes for materials | All the components are more aligned to a particular OEM, which leads to more deviation in technical specification and cost. To be clarified | Bidder has to quote only as per the approved makes provided in the Tender Document. |
| 23 | Taxes & Duties/ Inland Transportation | Would Road permit be provided by HBL | Road Permit is not required for IVC Site at Chengalpatu |
| 24 | Inspection/Quality Control | If FAT is to be conducted, most OEM manufacturers are from outside India and FAT would have to be conducted at their manufacturing site. Inspection can be conducted by third party agencies like SGS/Lloyds and certificate provided by the supplier along with delivery. To be clarified | FAT is not applicable |

Handwritten signature

TECHNICAL QUERIES AND REPLIES

| S.No | Queries | Clarification to the Queries |
|------|---|---|
| 1 | Approval for Honeywell Make in CCTV & NVR | Please refer the approved list. |
| 2 | How many clients license required for VMS? | We have asked for Enterprise Class Video Management Software that has Unlimited Client capability built in. |
| 3 | CCTV Seamless integration with Access control. In Approved make's of CCTV, VMS&Access, No integration possible. Please approve honeywell in CCTV, VMS & Access controller and softwares | VMS & Access Control system both should have SDK Kit available for exploring the possibility of integration in future. |
| 4 | 3 years warranty required? | Yes, 3 Years Product Warranty required. |
| 5 | Operating temp asked is --10°C to +55°C, can we give, Please approve for upto 50 Degree | Maximum Operating Temp stands revised to "-10°C to 50°C" |
| 6 | Tech. specification is not given for 9-22MM Dome Model, Please clarify. | Technical Specification is the same as provided for Fixed Dome Camera except the lens focal length shall be 9-22mm varifocal remote focus & zoom. However for this 9-22 mm camera model, resolution stands revised to 2 MP for item no. 8.2 of BOQ. |
| 7 | Can we give box camera instead of 9-22MM dome, Please Confirm | We have specified different types of cameras with their respective quantities. Bidder to quote accordingly. For item no. 8.3 of BOQ, the description Bullet Camera stands revised to Box Camera in line with the detailed technical specification provided by us in the tender. Also the Lens focal lens of 5- 50 mm stands revised to 15 to 38 mm or better. |
| 8 | E-tilt, 100 preset positions Pan: 360deg endless, 0.05 deg to 450 deg / sec Tilt : 180 deg, 0.05 deg to 450 deg /sec 20Xoptical zoom and 12x digital zoom: Ours is with 300 Degree Speed per sec | Pan Speed remains the same. Tilt Speed of 0.05 deg to 300 deg/sec or higher is acceptable. |
| 9 | Please confirm Spec for Multisensor dome camera | Please refer the missing technical specification for Multisensor Camera (for 180 Deg Coverage). |
| 10 | Camera count in coming to 171Nos, But server license asked for 140cameras only, Please clarify | Please read the revised qty. as 171 nos. that is equal to the no. of cameras. |
| 11 | 128Ch NVR is asked for 171Cameras, also 20% buffer asked for future expansion. Should we quote 256Ch NVR, Please confirm | Please read the revised qty. as 171 nos. that is equal to the no. of cameras. 20% Additional Camera integration has been asked for failover recording of 20% critical cameras. Bidder to consider additional hardware/Software Licenses required to achieve this functionality. |

| | | |
|----|--|---|
| 12 | VMS License - asking for unlimited clients. Shall we consider 20 client license in our offer. Pls confirm | We have asked for Enterprise Class Video Management Software that has Unlimited Client capability built in. |
| 13 | Does keyboard required for PTZ Control, Pls confirm | Yes. Joystick/ Keyboards/ Mouse whichever to meet the requirement to be used for Surveillance Workstation Clients. |
| 14 | For 171Cameras, D1 resolution, 25FPS, 24*7 recording with RAID5 will require 145TB storage space, But NVR with only 20TB & expansion. Upto 120TB asked, Pls confirm the exact requirement to quote accordingly | Individual NVR Server Specification calls for handling max. 128 Cameras at D1 Resolution with internal/external min. capacity expansion up to 20TB+120TB=140TB. Higher Storage Capacity is acceptable. It should support dedicated 256 Mbps throughput for video recording plus additional capability of handling multiple clients for live/playback/control operations. However we have asked for combination of 2MP and 3 MP cameras (including Multisensor camera with individual sensor of 3 MP). Accordingly bidders are required to prepare the design, the qty. of NVRs & the RAID 5 Storage Capacity required to handle recording of 171 cameras +20 % Failover recording of critical cameras at their respective maximum resolution e.g. 2 MP Camera recording at 2 MP Resolution at 12 fps for 18 Hrs for 30 days and 3 MP Camera recording at 3MP Resolution at 10 fps for 18 hrs for 30 days. For initial design & future scalability, the min. qty. of required NVR Servers is 5 Nos. If bidder need more nos. of NVR Servers, the same shall be provided by them without any additional cost to purchaser. |
| 15 | Its better to go with controller & software from Same OEM, & CCTV, as Seamless Integration is being asked in Tender | The hardware of independent and is on open architecture. The idea is that, HBL doesn't want to lock the hardware with software. Any organisation, that can support open architecture is welcome. |
| 16 | Keypad level access control is standalone expected? | No. Keypad readers are to be used for Access Control using Access Controllers. |
| 17 | Total readers is 5+90+50+8 = 153, why only 52 nos of 2 reader controller asked in BOQ? Pls confirm for the exact quantity | The Quantities will be based on the mentioned drawings & BOQ mentioned in the Tender |
| 18 | Total locks asked is 20 only. Pls confirm the exact qty. Can we quote as per BOQ | Quote as per the BOQ |
| 19 | Pls confirm the spec for High performance access controller? | Specifications same as mentioned under Access Control Panel mentioned on Page # 136 of Tender Document |
| 20 | Where is the door interlocking facility used in the project?, How many doors are to be configured for door interlocking? | All Door Access to have Door Interlocking facility |

Handwritten mark



| | | |
|----|---|--|
| 21 | Visitor management system boq is not clear - No. of Entry Points, No. of employee hosts required, Label printer required? | Consider one Entry & One Exit Point for Bidding |
| 22 | Approved makes for visitor management system not given. Can we quote Honeywell / Equivalent Make | Please go with EasyLobby/ Equivalent |
| 23 | Pls confirm 2.5 L user storage required for this project | Pls. propose as per the Tender Specifications |
| 24 | Asking for 9999 event buffer in Tech Spec, It is very difficult to match by any OEM in this industry. Even approved make doesn't have this facility. Pls confirm | The approved make complies to this. |
| 25 | Is all controller should be having Nema 4x enclosure? | Propose this as optional |
| 26 | How many fingerprints are to be stored in the Biometric unit? | Finger print to be stored on card and not on reader for safety compliance. |
| 27 | Is Prox reader / iCLASS reader required?, HID Doesn't have biometric based on proximity card, Pls clarify | It is iCLASS only and not proximity & Specifications are clearly mentioned in the Tender Document |
| 28 | Is cards not required for this project? We don't have in BOQ for the same. Pls confirm | Pls propose the Unit Rate for iCLASS /Proximity Cards. |
| 29 | The controller should have 256 MB On-board flash memory allows program updates to be downloaded via the network, HID Doesn't ave this option, but Honeywell has. Hence request to quote for Honeywell ACS | The approved make complies to this. |
| 30 | The controller should be based on 64 MB RAM, HID Doesn't have this | The approved make complies to this. |
| 31 | Windows 8 support not required, as W8 is more popular today, Pls confirm | The approved make complies to this. |
| 32 | UHF Reader - which makes are approved, list not given in Tender. HID don't have product for this requirement | U90 is HID's UHF reader |
| 33 | HID Access controller doesn't have own software, which access control software makes are approved, Pls confirm to quote for Honeywell Hardware and Software to quote for this project | Software to be from Certified OEM Partners ONLY, which can integrate with The approved make's controllers. |
| 34 | Access control Card is mainly given for I class card from HID. For open system, please also add "Mifare Desfire card" as an amendment | Mifare and Desfire works with Static Key & don't have 64Bit diversified Key |

om

| | | | |
|---|---|---|--|
| <p>People Counting and Vehicle Counting analytics features are stands revised to People Detection and Vehicle Detection . However please note that we do not require these features now. There shall be a possibility to implement it on the selected cameras by purchasing hardware/software at a later date.</p> | <p>Page no. 33/329 clause no. (e) of 2.1.3 surveillance or CCTV System : BOC & the camera specification does not mention analytics. Please clarify if this analytics feature may be required in future. People Counting and Vehicle Counting are not standard analytics features and generally not required for all cameras. Please clarify if this should be considered as People detection and Vehicle Detection which are the part of object classification capability</p> | <p>Log reports in Text & CSV formats are acceptable to us</p> | <p>Page no. 151/329 : Under Reports heading of VMS Software feature : Log Report export formats are manufacturer centric. Standard formats are Text & CSV File. Using windows utilities these files can then be converted in to other formats like TIFF or PDF if so desired. Please confirm the acceptance.</p> |
| <p>Please read the revised qty. as 171 nos. that is equal to the no. of cameras. 20% Additional Camera integration has been asked for failover recording of 20% critical cameras . Bidder to consider additional hardware/Software Licenses required to achieve this functionality. Individual NVR Server Specification calls for handling max. 128 Cameras at D1 Resolution with internal /external min. capacity expansion up to 20TB+120TB=140TB . Higher Storage Capacity is acceptable. It should support dedicated 256 Mbps throughput for video recording plus additional capability of handling multiple clients for live/playback/control operations. However we have asked for combination of 2MP and 3 MP cameras (including Multisensor camera with individual sensor of 3 MP). Accordingly bidders are required to prepare the design , the qty. of NVRs & the RAID 5 Storage Capacity required to handle recording of 171 cameras +20 % Failover recording of critical cameras at their respective maximum resolution e.g. 2 MP Camera recording at 2 MP Resolution at 12 fps for 18 Hrs for 30 days and 3 MP Camera recording at 3MP Resolution at 10 fps for 18 hrs for 30 days. For initial design & future scalability, the min. qty. of required NVR Servers is 5 Nos. If bidder need more nos. of NVR Servers , the same shall be provided by them without any additional cost to purchaser.</p> | <p>Page No. 154/329 : Under specification of NVR : Please clarify if this no. of as built camera licenses need to tally with total no. of cameras across multiple NVRs. i.e. total 170 cameras. 128 cameras may be the maximum cameras that can be handled by each NVR at D1 Resolution.</p> | | |

| | |
|---|--|
| <p>38</p> <p>Page no. 155/329 : VMS Software : Please clarify if no. of cameras across multiple NVRs, i.e. total 170 cameras. The same need to be corrected in the BOQ as well on page no. 244/329 sr. no. 8.7. and page no. 245/329 sr. no. 8.9.</p> | <p>43</p> <p>Please provide the detailed protocol supported by access control system and other systems which needs integration with VMS system</p> |
| <p>39</p> <p>Page no. 156/329 : Fixed Dome Camera specification, Point no. 27 : Please note that max. operating temp is 50 deg C across standard manufacturers. Please confirm acceptance</p> | <p>42</p> <p>NVR is asked with 256MB support which would not be sufficient for catering both Full HD recording of 128 cameras and future scalability.</p> |
| <p>40</p> <p>Page no. 156/329 : Outdoor PTZ Camera Specification , point no.9 : Tilt speed is lower than the Pan Speed as per the manufacturer's standard. Please confirm the acceptance of tilt speed of 360 deg./sec.</p> | <p>41</p> <p>Page no. 158/329 : Keyboard for PTZ Camera Specification , point no. 5 : Please remove this specification as it is manufacturer specific else give option to provide joystick</p> |
| <p>[Answer] -10°C to 50°C is acceptable</p> | <p>41</p> <p>Point no. 5 i.e. "Laser cut with blue backlight" stands deleted.</p> |
| <p>Tilt Speed of 0.05 deg to 300 deg/sec or higher is acceptable.</p> | <p>42</p> <p>Individual NVR Server Specification calls for handling max. 128 Cameras at D1 Resolution with internal /external min. capacity expansion up to 20TB+120TB=140TB . Higher Storage Capacity is acceptable. It should support dedicated 256 Mbps throughput for video recording plus additional capability of handling multiple clients for live/playback/control operations. However we have asked for combination of 2MP and 3 MP cameras (including Multisensor camera with individual sensor of 3 MP). Accordingly bidders are required to prepare the design , the qty. of NVRs & the RAID 5 Storage Capacity required to handle recording of 171 cameras +20 % Failover recording of critical cameras at their respective maximum resolution e.g. 2 MP Camera recording at 2 MP Resolution at 12 fps for 18 Hrs for 30 days and 3 MP Camera recording at 3MP Resolution at 10 fps for 18 hrs for 30 days. For initial design & future scalability, the min. qty. of required NVR Servers is 5 Nos. If bidder need more nos. of NVR Servers , the same shall be provided by them without any additional cost to purchaser.</p> |
| <p>Integration may be required in future. Both CCTV & ACS shall provide SDK Kits with their system for integration purpose if required in future.</p> | <p>43</p> <p>Please provide the detailed protocol supported by access control system and other systems which needs integration with VMS system</p> |

| | | |
|--|--|--|
| <p>44</p> <p>Instead of VMS + Hardware based NVR, we suggest you to opt for VMS + Recording server (with any server hardware wherein no propriety hardware is required) architecture which would give you option for future scalability option for unlimited cameras.</p> <p>Please read the word NVR as NVR Server. We have asked for NVR Servers preferably with pre-configured Open VMS Software on Server Hardware.</p> | <p>45</p> <p>Pg.132 ACS : Vehicle scanning at Security Entry : Not practically feasible to compare existing and variation in image due to various types of vehicles entering into campus.</p> | <p>Vehicle Scanning using buried cameras not required,</p> |
| <p>46</p> <p>Page no. 151 : CCTV Surveillance A. Recorders : Video management System (VMS) Due to Computer Server hardware and Hard Disk IOPS limitation, we recommend to go with 80-85 cameras per recording server with maximum upto 1080P resolution recording. Server Specifications may be chosen suitably. NVRs are not a recommended solution as customer has to bind with single OEM for future support and most of the OEMs are not providing onsite service for NVR . hence a open platform COTS (Commercially Off The Shelf) hardware server may be chosen and an OPEN platform video management software will be an ideal solution. So that customer has no dependability for hardware service support and Video management software support. Also this provides great flexibility in choosing any hardware and any brand of Open Interface cameras in the future.</p> | <p>47</p> <p>Page no. 156: Fixed Dome Cameras : 3Mpx is not commonly available resolution amongst premium brands hence , 2Mpx may be considered when other cameras such as box and PTZ are specified as 2MegaPixels. Lens can be changed as P-Iris lens, which is better than that of conventional Auto Iris lenses.</p> | <p>Indoor Dome Camera of 3-9 mm Lens shall be of 3 MP Resolution. However in case of Indoor Dome Camera of 9-22 mm Lens , 2 MP Resolution is acceptable.</p> |

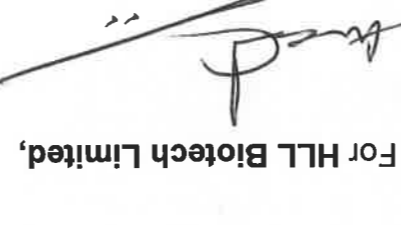
| | | | |
|---|--|---|--|
| <p>48</p> <p>VMS software makes mentioned in the above are not pioneer in Open Platform VMS and they do not provide wide Open Platform Interoperability, hence kindly consider Milestone and Genetec as approved make for VMS software both Milestone and Genetec have considerable global market share in VMS and both are Open Platform software supporting multi-vendor cameras and devices much more than brands mentioned in tender.</p> <p>Please refer the approved list as given separately on page no. 255 in the tender document. Milestone VMS Software is acceptable as per the list.</p> | <p>49</p> <p>List of Approved Makes ThinClient/Workstation/Desktop- HP/ Dell Query: Request to change -- HP/ Dell/Equivalent</p> | <p>50</p> <p>System Architecture :- As per tender NVR is being asked with unlimited capacity please clarify same</p> <p>We have asked for NVR Server with Enterprise Class Video Management Software that has Unlimited Client capability built in. Whereas Individual NVR Server capacities are as defined separately in our tender. There shall be multiple NVRS in one Centralised VMS System.</p> | <p>51</p> <p>Storage Principle:- At page 149/329 NVR, storage has been asked "256Mbps data throughput which can take upto 128 cameras recording @ D1 resolution" which contradicts statement at page 154/329 SPECIFICATION OF NVR which states "The System shall have a storage capacity so as to record all cameras at 1080P/2MP resolution, H.264 compression and 12 fps/10fps for multi sensor cameras and complying with below mentioned". Please clarify the recording parameters. Because recording at 2 MP would require higher throughput and storage space than recording at D1.</p> <p>Individual NVR Server Specification calls for handling max 128 Cameras at D1 Resolution with internal/external min. capacity expansion up to 20TB+120TB=140TB. Higher Storage Capacity is acceptable. It should support dedicated 256 Mbps throughput for video recording plus additional capability of handling multiple clients for live/playback/control operations. However we have asked for combination of 2MP and 3 MP cameras (including Multisensor camera with individual sensor of 3 MP). Accordingly bidders are required to prepare the design, the qty. of NVRS & the RAID 5 Storage Capacity required to handle recording of 171 cameras +20 % Failover recording of critical cameras at their respective maximum resolution e.g. 2 MP Camera recording at 2 MP Resolution at 12 fps for 18 Hrs for 30 days and 3 MP Camera recording at 3MP Resolution at 10 fps for 18 hrs for 30 days. For initial design & future scalability, the min. qty. of required NVR Servers is 5 Nos. If bidder need more nos. of NVR Servers, the same shall be provided by them without any additional cost to purchaser.</p> |
|---|--|---|--|

| | | |
|----|--|--|
| 52 | CCTV System :- As mentioned make of AXIS/Avigilon/Pelco restricting to only limited vendors with whom already working and one of OEM directly bidding will not support system integrators. Hence, please amend it as equivalent make for Camera | One OEM can support multiple System Integrators. |
| 53 | VMS software as described we will quote suitable software brand complying to tender specification | VMS Software shall be enterprise grade. Please refer the approved list. |
| 54 | Telephone System:- In main makes Cisco/Avaya/Huawei is asked and in Digital Phones Panasonic/Siemens/NEC is asked which is not possible as Main telephone system and digital phones are of same make. So request you to include Panasonic/Siemens in approved make list. | Please refer the approved List |
| 55 | UPS :- Please add equivalent makes as Hirel, Socomec | Please refer the approved List |
| 56 | We request you to consider DVTEL in CCTV approved make list. | Please refer the approved List |
| 57 | We request you to consider RBH in Access Control approved make list. | Please refer the approved List |
| 58 | Kindly provide complete storage information for cctv in terms of TB(How many TB we need to consider per NVR). As I said if we put as per actual then it will differ from vendor to vendor so it will affect the overall BOM. | Individual NVR Server Specification calls for handling max 128 Cameras at D1 Resolution with internal/external min. capacity expansion up to 20TB+120TB=140TB. Higher Storage Capacity is acceptable. It should support dedicated 256 Mbps throughput for video recording plus additional capability of handling multiple clients for live/playback/control operations. However we have asked for combination of 2MP and 3 MP cameras (including Multisensor camera with individual sensor of 3 MP). Accordingly bidders are required to prepare the design, the qty. of NVRs & the RAID 5 Storage Capacity required to handle recording of 171 cameras +20 % Failover recording of critical cameras at their respective maximum resolution e.g. 2 MP Camera recording at 2 MP Resolution at 12 fps for 18 Hrs for 30 days and 3 MP Camera recording at 3MP Resolution at 10 fps for 18 hrs for 30 days. For initial design & future scalability, the min. qty. of required NVR Servers is 5 Nos. If bidder need more nos. of NVR Servers, the same shall be provided by them without any additional cost to purchaser. |

| | | |
|----|--|--|
| 59 | Request you to change I Class credential from access control system as its biased towards a single OEM. | Mifare and Desfire works with Static Key & don't have 64Bit diversified Key |
| 60 | Page no. 74/329 & 76/329 in storage specification. Data Protection feature. Please clarify whether you require all these features in built. | Should be Supplied INbuilt: SmartThin, SmartMigration, SmartErase, SmartMulti-Tenant, NDMP, Dedupe, Compression should be licensed for Block data and File System Should Support on Upgrade: snapshot, LUN copy, Lun clone, volume mirror, remote replication, Smart Qos, SmartPartition, SmartVirtualization, HyperMirror, SmartCache, WORM, |
| 61 | Page no. 74/329 & 76/329 in storage specification. Protocol supported. Please give a clarity about NAS gateway option. | The storage system initially be licensed and offered for the following Block Level Protocol: iSCSI and FC on the same storage controllers for the entire supported capacity. The storage system initially be licensed and offered for the following file level protocol: SMB,AFP,NFS,FTP by firmware upgrade or a NAS gateway |
| 62 | In the telephone system digital phone specification. You may include analog phone option as some of the gateway mentioned by you support only analog phones | Analog Phones may be considered and quoted. |
| 63 | Kindly share the details of this requirement as on one server it is expected SAP Business one needs to be installed... SAP Business One is an ERP suite and has a complete implementation cycle with dedicated involvement from end user stakeholders as well so we need to understand what level on installation of software/package is required on the server. | SAP software need not be considered. |
| 64 | Clean room details not provided and also specification for the telephones. Pls provide more details | Clean room telephones need not be considered. |
| 65 | Pls share us the FAS system details for intergration whether it requires hard wired or software based? | FAS System requires hard wired integration |
| 66 | Do we need prepare Design qualification (DQ), Installation qualification (IQ) documents? | Not Applicable |

| | | |
|----|--|--|
| 67 | Corona and radio-interference voltage test and seismic withstand test results shall be approved by Purchaser /consultant. Pls Clarify | Not Applicable |
| 68 | In pharma, all measuring devices need to be calibrated at site by a third party agency, does that apply to our package? | Not Applicable |
| 69 | Do we need to get Samples approved for all equipment/devices ? | Not Necessary |
| 70 | Contractor - The Contractor shall be a licensed Class One or 'A' class Contractor, possessing a valid Contractor's license in the State, employing licensed supervisors and skilled workers having valid permits as per the Regulation of India. He should have executed similar works of this magnitude earlier and shall have qualified engineers to produce execution drawings and to supervise the work at site. Pls clarify | Not Applicable |
| 71 | The facility is built and shall be in compliance with FDA/USFDA, EUGMP and MHRA We understand that the consultant would provide necessary standards / compliance procedures to the successful bidder prior to the start of the project. Pls confirm | The specific standards required is mentioned in the respective annexures |
| 72 | Pls clarify the extra OFC cable should be laid by us or other contractors.. | If required, it will be done by other contractor |
| 73 | Pls share us the more details. LIU and other accessories are need be consider? | LIU need not be considered. |
| 74 | Maximum spares availability given by OEM for IT equipment is 5 years & for video surveillance components is 3 years from the date of model declared End of life/ End of Sales by the OEM. | OK. Agreed. |
| 75 | Are test certificates required to be Traceable | If possible, pls provide |
| 76 | Pls clarify we can offer suitable or better product apart from approved make | Not acceptable |

| | | |
|----|--|---|
| 77 | Kindly share the details of this requirement and the impact on the execution for this project as GMP standards are primarily applicable for manufacturing set ups. | Only process area equipment such as CCTV and ACS shall be considered. |
| 78 | Do we have to use stainless steel everywhere or only in clean room areas? | Only in clean room areas |
| 79 | The Controller may work for 10 years perhaps the batteries and other replaceable components may required to change in 3 to 5 years Pls clarify. | Consider for 5years |
| 80 | In access control system – is there any special logics required? A certain door should not open until and particular door is closed, to avoid contamination – any such requirement | Yes required, Coordinating with door interlocking contractor necessary. |
| 81 | FIXED DOME/PTZ/indoor cameras- Operating Humidity 10 to 90% (non-condensing) upto 85%. in approved make. Pls accept the same | Not acceptable |
| 82 | A4 printer to be network based. Pls clarify | Network based A4 printers to be quoted. |
| 83 | Submission of Architecture Drawings- Pls clarify | The Bidder shall submit the proposed architecture (as per BOQ items) in detail along with the technical bid. Data Sheets for all quoted products must be enclosed. |
| 84 | Deviations | Deviations should be properly addressed in the respective clause however deviations in the approved makes shall not be accepted. Model numbers shall be chosen accordingly to meet the requirement. |

For HLL Biotech Limited,

Raman K Ramachandran,
CEO (HBL)

on 21/08/2022
for Mr. N. E. Phangolan
B. Jaihind Meelkon

LIST OF ATTENDEES

Subject : Pre bid Meeting for IT Communication ,Access Control and Surveillance system at IVC - Chengalpattu
 NPI-120310-LVS-S1-TD-01 dtd 31/10/2015
 Date & Time : 07.11.2015 @ 15.30Hrs.
 Venue : HBL Corporate office, Chennai

| S.NO | Name & Designation | Organization | Contact No | email | Signature |
|------|--|-------------------------------------|------------|--------------------------------------|-----------|
| 1 | M.Mohamed Anis Area Sales Manager. | SS Information Systems Pvt Ltd. | 8939871623 | anis.assinborm@ssin.in | |
| 2 | S. DHINAKARAN VICE PRESIDENT - SYSTEMS | BROADLINE COMPUTER SYSTEMS CHENNAI. | 9884258866 | s.dhinakar@broadline.co.in | |
| 3 | J.V. Kannan DGMs - Marketing | Broadline | 9884416231 | jvkannan@broadline.co.in | |
| 4 | V. SUDHAKAR DIRECTOR MANAGEMENT - PRESALES | STANCH | 9840552326 | Sudhakar@stanchtel.com | |
| 5 | P. MARIAPPAN Manager - Sales | IT I | 9840046186 | ITICHENNAI2013@gmail.com | |
| 6 | P.V. ARUN Manager - Sales | Sify Technologies | 9940037149 | p.v.arun.vijaya.kumar@sifycorp.com | |
| 7 | V. SAKTHIVEL Asst. manager - Sales | STC | 9600090404 | Sakthi.Venkat@sifycorp.com | |
| 8 | S. M. SHAKTHI SARRANAM Regional Manager South | CMS Computers Limited | 9176902545 | VU-Shakti@cms.co.in | |
| 9 | SUBHINAV | D-Link | 9330411167 | marketing@link.co.in | |
| 10 | Soumyarajan Ponde Sr. Software Engineer | L8T | 9036280926 | Soumyarajan.ponde@l8techservices.com | |
| 11 | T. GURUMANIKANDAN HONEYWELL - SALES | HONEYWELL | 9344446467 | t.guru@honeywell.com | |
| 12 | B. Bala Thilak Honeywell security | Honeywell | 9842161590 | balathilak.balraj@honeywell.com | |
| 13 | S. Muralidharan | Autocop | 8220000102 | S.muralidharan@autocop.in | |
| 14 | MARIAPPAN | | | | |

→ ITICHENNAI2013@GMAIL.COM.

