



RFP DOCUMENT

RFP Enquiry No.

OSWC/COM/BUS/CCTV/01/2022/ 2712; Date-14-07-2025

Supply, Installation and Maintenance of IP Based CCTV Surveillance System at Odisha State Warehousing Corporation (OSWC)

Availability of RFP Document	: Dt. 15-07-2025 to 04-08-2025 at 12:00 PM
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Place of Submission of RFP Document	: Odisha State Warehousing Corporation Plot no: 2, Bhubaneswar Road Bhubaneswar-751006, Odisha Phone: 0674-2575157
Date and Time of Opening of General & Technical Bid:	Dt. 05-08-2025 at 03:00 PM
Date and Time of Opening of Financial Bid	: Will be Intimated later

Place:
Date:

Signature & Seal of the Bidder

Disclaimer

The information contained in this Request for Proposal (hereinafter referred to as "RFP") document provided to the Bidders, by the Odisha State Warehousing Corporation (OSWC) Odisha, or any of its employees, is provided to the Bidder(s) on the terms and conditions set out in this RFP document and all other terms and conditions subject to which such information is provided.

The purpose of this RFP document is to provide the Bidder(s) with information to assist in the formulation of Proposals. This RFP document does not aim to hold all the information each Bidder may require. This RFP document may not be appropriate for all persons, and it is not possible for the Odisha State Warehousing Corporation (OSWC) Odisha and its employees to consider the business/investment objectives, financial situation and particular needs of each Bidder who reads or uses this RFP document. Each Bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this RFP document and where necessary obtain independent advice from appropriate sources. Odisha State Warehousing Corporation (OSWC) Odisha and its employees make no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the RFP document. Client Department also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in the Bidding Documents.

Information provided in the RFP Document to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. OSWC/Client Department accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The issue of this RFP Documents does not imply that the OSWC/Client Department is bound to select a Bidder or to appoint the Selected Bidder or Service Provider for the Project and the OSWC/Client Department reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, uploading, expenses associated with any demonstrations or presentations which may be required by OSWC/Client Department or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the OSWC/Client Department shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Selection process. OSWC may, in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this RFP document.

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SECTION – II INVITATION FOR BIDS

1.1 INTRODUCTION

The Odisha State Warehousing Corporation (OSWC) was set up in 1958 under the Agricultural Produce (Development and Warehousing) Corporations Act, 1956 which was a Central Act. The Corporation was subsequently brought under the purview of the Warehousing Corporations Act, 1962 – also a Central Act - by virtue of which the earlier Act was repealed. The main purpose of the Odisha State Warehousing Corporation (OSWC) are:

1. To acquire and build godowns and warehouses at such places in the State, as it may, after consultation with the Central Warehousing Corporation determine.
2. To run warehouses in the State for the storage of agricultural produce, seeds, manures, fertilizers, agricultural implements and notified commodities.
3. To arrange facilities for transport of agricultural produce, seeds, manures, fertilizers, agricultural implements and notified commodities to and from warehouses.
4. To act as an agent of the Central Warehousing Corporation or of the Government for the purpose of the purchase, sale, storage and distribution of agricultural produce, seeds, manures, fertilizers, agricultural implements and notified commodities.

Odisha State Warehousing Corporation (OSWC), invites competitive bid proposals from interested bidders who have experience in Supply, Installation, Implementation, Integration/Interoperability & Maintenance of IP Based CCTV Surveillance System.

OSWC will award the contract to the successful bidder whose bid has been determined to be substantially responsive and has been determined as the Lowest Price bid (L1).

1.2 BACKGROUND

Odisha State Warehousing Corporation (OSWC) invites proposals on TURNKEY BASIS from the reputed bidders towards Procurement, Supply, Installation and Maintenance of CCTV Surveillance System at different Godowns (Warehouses) operated by Odisha State Warehousing Corporation (OSWC) across the state.

This RFP is issued by Odisha State Warehousing Corporation (OSWC), which is the sole point of contact during selection process. The purpose of this RFP is to provide interested System Integrator (SI) / Bidders with information to enable them to prepare and submit a proposal for Procurement, Supply, Installation, Commissioning & Maintenance of CCTV Surveillance System at different godowns (Warehouses) throughout Odisha. The selected bidder shall be responsible to provide operation & maintenance support of all the supplied items for five years from the final acceptance

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test or go-live of the project, whichever is earlier. The list of detailed Godowns (Warehouses) is mentioned in **SECTION–VI** of this RFP. The minimum Bill of Quantity (BOQ) for the entire 46 numbers of Godowns (Warehouses) with Central Monitoring System (CMS) is mentioned below:

1.3 BILL OF QUANTITY

Bill of Quantity (BOQ)		
SL. No.	Item Description	Quantity
1	4 MP Fixed Outdoor Bullet/Dome Camera (Full HD, IR & IP-based) with Mounting Brackets and Outer Casing [Bullet-690+Dome-46]	736 Nos (690+46)
2	Network Video Recorders (NVR) 32 Channel, 4 SATA	46 Nos
3	8 TB SATA Hard Disk Drives for Storage	92 Nos
4	8 Port POE Switch	148 Nos
5	4 Port POE Switch	148 Nos
6	6 U Rack	66 Nos
7	2 U Rack	148 Nos
8	Monitor 32 Inch with VGA/HDMI Cable & Stand	46 Nos
9	Optical Mouse	46 Nos
10	Cat 6 STP Cables	82600 Meter
11	Syntex Box 4*4	736 Nos
12	ISI Mark PVC Conduits	92600 Meter
13	Electric Cable (2 MM)	1800 Meter
14	GI Pole 9ft with Earthing (as per industry standard)	46 Nos
15	2KVA UPS with 30 Min Back-up	46 Nos
16	6 KVA UPS with 30 Min Back-up	01 No
17	16U Racks, Installation & Other Accessories	01 No
18	136" High-Definition All-in-One LED Wall with in-built controller	01 No
19	Control Room Workstations with 24 Inch Monitors	02 Nos
20	Video Management Software Licenses	736 Nos
21	Central Management Software Licenses	02 Nos
22	Next Generation Firewall with integrated threat prevention, zero-day protection, HA support	01 No
23	Control Room Network Switch - 8x 10/100/1000T, L3 switch with 4 SFP	02 Nos
24	Server for Video Management Software	01 No
25	Command & Control Centre - Helpdesk Manpower for 60 Months (1+1)	180 Nos
26	Digging and Packing of Concrete Surface	18500 Meter
27	Trenching and Packing of Roads	4800 Meter
28	One time transport, installation, integration, commissioning, training & insurance etc.	Lot

Note: - Bidder should make provision of at least 10% adjustment in cameras and other equipment, if some reduction or addition will be required in Godowns (Warehouses) as per the actual site situation.

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SECTION-III
GENERAL TERMS & CONDITIONS

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1. Scope of Work

Scope of work includes Supply, Installation, Commission and Operation & Maintenance support of CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha. The selected bidder shall be responsible for execution of the following work.

- Site survey & feasibility is to be undertaken for identification of the actual places in Godowns (Warehouses) where cameras are required to be installed.
- Bidder should ensure proper positioning of Cameras and NVRS at each Godowns (Warehouses).
- Bidder should ensure that the placement of the NVR is accessible for maintenance but also secure from unauthorized tampering.
- The bidder shall ensure proper cable management inside the Godowns (Warehouses) to prevent damage or interference. Avoid loose cables and ensure they are neatly organized and properly routed along walls, ceilings within conduits to minimize exposure to potential damage.
- Supply of all the equipment for implementation of IP based CCTV Surveillance System with Video Management System (VMS) and Central Management System (CMS) complying to the Technical Specifications given in **SECTION-IV**.
- Procurement, Supply, Installation, Commission, and Operation & Maintenance of the entire CCTV equipment installed at different Godowns (Warehouses) throughout Odisha.
- Supply any other items (like screws, clamps, fasteners, ties, anchors, supports, grounding strips, wires, termination kits etc.) required for installation of all the required items for smooth implementation of CCTV Surveillance System.
- Installation and commissioning of the Display System at each Godowns (Warehouses) for monitoring of the CCTV footage.
- The System must be able to access and monitor the CCTV surveillance system through public or private network as per the requirement of the Odisha State Warehousing Corporation. However, the end-to-end connectivity from Godowns (Warehouses) to Odisha State Warehousing Corporation Bhubaneswar office with requisite bandwidth is under the scope of the department. The present solution asked in the RFP should accommodate/integrate the old nine depots cameras for monitoring purposes. No additional cost will be provided for this to the bidder.
- At the Control Room level, the bidder shall ensure that live viewing, playback of recorded footage, and real-time monitoring of alarms can be performed through the Central Management Software. However, no separate or duplicate video storage is required at the Control Room. All camera recordings, with a retention period of 90 days, shall be stored on-site at the respective NVRs using motion-based recording at 1080p resolution and a minimum of 15 frames per second (fps). Alarm video clips may be retained at the control room, if necessary, for alert verification or incident review purposes.
- Bidder should ensure provision of storage space for keeping the CCTV footage for a period of minimum three months in Godowns (Warehouses).
- The System should be able to set system rules for deletion of archived recordings as per the policy provided by the Odisha State Warehousing Corporation time to time.
- The System should be able to digitally punch date and time with stamp on the recorded video.

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- The selected bidder shall be responsible to provide on-site Warranty and Support for the entire contract period which is 5 years.
- The warranty & maintenance support shall start from the date of Final Acceptance Test (FAT) of all the Godowns (Warehouses).
- At the time of equipment delivery, the selected bidder shall submit a certificate/undertaking from OEMs mentioning the fact that the equipment supplied are covered under on-site Warranty & Support for a period of five Years.
- The selected bidder shall be responsible for providing end user training for each Odisha State Warehousing Corporation officials.
- The bidder shall arrange a minimum 2 days training on CCTV surveillance system for Godowns (Warehouses) in charge of the respective district, at State Warehousing Corporation office at Bhubaneswar.
- The bidder needs to submit the successful completion of training along with the attendance sheet of the participants and submit the same to Project in charge of Odisha State Warehousing Corporation.
- The bidder should note that the training is not limited to single-time only. As and when required, the bidder is required to conduct refresher training so as to familiarize the users on smooth and better operation of the system, either physically or virtually.
- The Bidder must ensure that the CCTV equipment and accessories supplied and delivered by them to each location are in good condition.
- The bidder is responsible to maintain documentation on the progress of the CCTV work and will have to update the same on regular basis to Project in charge of Odisha State Warehousing Corporation.
- The Bidder will also maintain a record of all the CCTV equipment installed under this project and submit a detailed up to date ASSET REPORT on regular intervals as and when asked by Odisha State Warehousing Corporation.
- The bidder should provision, implement & maintain the Monitoring/Ticketing tool of their own and should capture all the incidents/complaints received related to supplied CCTV equipment and their operation from different Godowns. The tool should have capable enough to generate reports on the numbers of complaints received & resolved. Reports generation should be on monthly, quarterly & yearly basis etc.
- The Bidder has to ensure that all the CCTV Equipment should be listed with the device identification numbers with proper Asset Tagging as per the respective Godowns.
- The bidder will ensure regular monitoring & maintenance of the cameras, including cleaning the lenses, checking for loose connections and updating the firmware for optimal performance and longevity.
- The Bidder shall ensure that the CCTV Equipment/Components being supplied by them will not be declared end of life cycle for a minimum of 60 months from the date of its acceptance by Odisha State Warehousing Corporation. The supplied products will be supported by the Bidder for the duration of the contract period from the date of its acceptance. If support is withdrawn by the OEM for any reason (end of life cycle) whatsoever, the Bidder shall replace it with an equivalent or better substitute that is acceptable to Odisha State Warehousing Corporation, without any additional cost.

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- If there is a need for an additional electricity connection at Godowns (Warehouses) for the CCTV system installation, the actual cost for obtaining the electricity connection shall be communicated to the officer in Charge of the Odisha State Warehousing Corporation. The bidder will be reimbursed for the electricity connection cost upon submission of the relevant documents. The department will process the reimbursement accordingly. However, monthly recurring electricity charges for the CCTV System installed at Godowns (Warehouses), will be borne by Odisha State Warehousing Corporation and will not be the responsibility of the bidder.

2. Eligibility Criteria

- i. The bidder should be a company registered under Indian Companies Act, 1956/2013 and operating since last 5 years from the date of publication of RFP. It should be registered with GST Authorities. The bidder should furnish the copy of company registration certificate, GST registration certificate, PAN card and up to date IT return till 31st March 2024 along with the tender document.
- ii. Consortium of any kind shall not be allowed.
- iii. The firm should have a local or project site office at Bhubaneswar. However, if the presence is not there in the state, the bidder should give an undertaking for establishment of an office, within one month of award of the contract.
- iv. The average annual turnover of the bidder for the last three financial years ending with 31st March 2024, should be minimum 30 Cr. Proof of audited balance sheets as evidence that the bidder has financial capability to perform the contract and that the bidder is a profit-making company. A Certificate from the Statutory Auditor/CA also be submitted in respect of financial capability.
- v. The Bidder should have valid ISO 9001, 27001 & 20000 Certifications.
- vi. The bidder has to submit the tender specific valid authorization certificate(s) from the Original Equipment Manufacturers (OEMs) for the entire product which is mentioned in Technical Specification of the RFP (**Section-IV**). The department reserves the right to verify the authenticity of the OEM authorization directly through official communication channels, including email.
- vii. The bidder/his OEMs shall have adequate post-sale service facilities for repair of faulty equipment in India preferably in Odisha. The number and location of repair facilities should be such as to meet the uptime and SLA. Both the bidder and its OEM should commit full professional services support and resources for the successful completion of the project. A documentary proof to the above effect signed by both the bidder and his OEM must be submitted along with the bid inclusive of the following: -

“This is to confirm that the entire equipment being quoted for this project in the bid shall not be declared as End of Sale / End of Support on the date of submission of the bid. Service/Support including spares, patches for the quoted products shall be available for the complete duration of the project or 5 years whichever is higher from the date submission of bid.”
- viii. Proof of successful execution of similar nature of work in India during the last Five Financial Years ending 31st March 2024 must be submitted.

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The “**Similar Nature**” of the work shall mean supply, installation and maintenance of IP Based Video Surveillance System (CCTV) and its related components to any Government/Public Sector Enterprises/Autonomous units geographically spread across India in last five years having the criteria mentioned below: -

- A. One similar completed work costing not less than the amount equal to 4 Cr.
 - B. Two similar completed/ongoing works, costing not less than the amount equal to 3 Cr each.
 - C. Three similar completed/ongoing works costing not less than the amount equal to 2 Cr each.
- ix. The bidder should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by Government of India or any State Government/PSU in the country of India. A self-declaration certificate to this effect should be enclosed.

Necessary supporting documents on fulfillment of eligibility criteria should be attached for authentication along with a signed copy of the tender document to indicate acceptance of all terms and conditions set forth in the tender. Organizations failing to provide complete information on any of the requirements are liable to be rejected.

- x. Bid should be compliant with the Policy and “Make in India” makes shall be given preference as per Order 2017-Revision vide the **Department of Industrial Policy and Promotion (DIPP) Order No. P-45021/2/2017-PP(BE-II) dated 16th September,2020 or latest**. OEMs under Make in India must submit Undertaking and supporting documents

3. Pre-Bid Conference / Meeting: -

A pre-bid meeting will be schedule by Odisha State Warehousing Corporation (OSWC) virtually, to clarify the doubts (if any) of the potential bidders in respect to this RFP and the records of such meeting shall be published on the websites as Pre-Bid Clarifications/Corrigendum.

The web-link of Pre-bid meeting shall be shared through the mail to the prospective bidders those who have submitted the pre-bid queries, as per the schedule date and time mentioned in this RFP. The Bidders will have to ensure that their queries for Pre-Bid meeting should reach to the department email id on or before the prescribed date as mentioned in "Important Dates and information" section of this RFP.

However, to address the queries of the prospective bidders, they may submit their queries by e-mail (One Mail-ID Per Bidder is allowed to submit the query only), to **gm@oswc.in** and mark a copy to **md@oswc.in** as per the format attached in **Annexure: G12**, in excel format only on or before 22/07/2025 till 3.00 PM. Failure to submit the queries in the asked format or receipt of queries after the prescribed date & time will result in non-consideration of the queries. If same bidder submits the query in multiple mail ids, then the bidder’s query will be rejected.

Tendering authority shall respond to the queries of only those bidders who have submitted the queries before the schedule date & time, mentioned in this RFP.

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Based on the queries, if modifications if any, in the tender document/specifications of goods are considered, then subsequent addendum/ corrigendum will be published by OSWC. The corrigendum/addendum and the final bidding document will be placed on the websites.

The tendering authority reserves the right not to respond to any/all queries raised or clarifications sought if, in their opinion and at their sole discretion, they consider that it would be inappropriate to do so or do not find any merit in it. Besides, the Tendering Authority also reserves the right to amend the RFP document

4. Submission of Proposals:

- a) The bidder is required to submit the bids in two bid format, i.e., General (Eligibility Criteria) & Technical and Financial bids in online bidding portal, <http://tenderodisha.gov.in> . Financial bid of those bidders who qualify in General i.e. (Eligibility Criteria) & Technical Bid shall be opened.
- b) The name, address of the bidder, Mobile Number/Telephone number, E-mail ID and Fax number of the bidder should have been clearly mentioned for official communication.
- c) All the pages of the bid documents including RFP/Corrigendum must be sequentially numbered and must contain the list of contents with page numbers and Flag Marks. Any deficiency in the documentation may result in the rejection of the bid.
- d) The original bid shall be prepared in indelible ink. It shall contain no interlineations or overwriting, except as necessary to correct errors made by the bidder itself. Any such corrections must be initialled by the person (or persons) who sign(s) the tender paper.
- e) All pages of the bid shall be marked and stamped by the person who signs the bid.
- f) The bidder shall attach a content page to the bid document highlighting the page numbers/ Flag Marks where each document is available without which the bid will be rejected.
- g) **Opening of General, Technical and Commercial Bids are through online. It is important to note that while submitting Bids, Mail ID and Mobile Number (with WhatsApp) of the Authorized person of the bidder should be written appropriately in bold letters so that while opening the bids in virtual mode, the web link will be issued to the Mail ID mentioned by the bidder.**

5. Timeline of completion of Project:

- a. Procurement, Delivery, Installation & Integration along with successful operation of the system under this the work shall be completed within **12 Weeks (Nearly 3 Months)** from the date of issue of Purchase Order. Additionally, if the work order may be given in part by the department, for which the timeline of the project will be reduced proportionally. In order to comply with the legal mandate, it is highly essential that, the project must be completed within 12 weeks, failing which imposition of huge penalty and steps for blacklisting of the selected bidder will be taken up based on the recommendation of Managing Director Odisha State Warehousing Corporation. Public Holidays as declared by Government of Odisha will be excluded for the above week calculation. Work order shall be placed only after obtaining due approval from Board of Directors of OSWC.

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- b. OSWC reserves the right to distribute the work among multiple bidders to ensure timely completion of the work subject to condition that the bidders other than the L1 bidder must agree to the L1 cost and other terms and conditions.

6. Earnest Money Deposit (EMD):

- a) EMD is to be furnished by the bidder as mentioned below.

Sl. No.	Category Description	EMD Amount
1	Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha.	₹ 25,00,000/- (Rupees Twenty-Five Lakh Only)

- b) The EMD shall be only in the form of Demand Draft (DD)/Bank Guarantee (BG) in favour of **Odisha State Warehousing Corporation (OSWC)**, payable at Bhubaneswar drawn in any schedule bank. The validity of DD/BG should be at least three months from the date of floating of tender.
- c) Bidder should write the organization name at the back side of the DD.
- d) The demand draft shall be submitted along with General bid envelope. Bids without EMD shall be rejected.
- e) If the EMD is in the form of Bank Guarantee (BG), then the Format for Bank Guarantee for Earnest Money Deposit is mentioned in **Annexure: G-9** of this RFP.
- f) The EMD shall be forfeited if a bidder withdraws its bid during the period of bid validity.
- g) The EMD of unsuccessful bidders will be returned to them within a month of selection of vendors.
- h) In case of a successful bidder the EMD may be forfeited if the bidder fails to accept the Purchase Order.

7. Performance Bank Guarantee (PBG)

The bidder shall furnish a Performance Bank Guarantee (PBG) of 5% (Five Percent) of the total Contract Value excluding tax, on or before the signing of the subsequent contract, typically within 15 days from the notification of award, unless specified to the contrary (Performance Bank Guarantee). The Performance Guarantee should be valid for a period of 5 Years & 3 Months (63 months) and shall be kept valid till completion of the Project and Warranty period. The Bidder shall be responsible for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion of the project contract period. The PBG must be from the nationalized bank only in India. The format for the Performance Bank Guarantee is mentioned in **Annexure: G-11** of this RFP document. In case the successful Bidder fails to submit Performance Bank Guarantee within the time stipulated, the Purchaser may at its sole discretion cancel the letter of intent without giving any notice and encase the EMD furnished by the Bidder, in addition to any other right available to it under this RFP.

8. Payment Term

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1. 40% of the payment will be made after successful delivery of equipment at respective Godowns (Warehouses) site. (Supporting Documents - Original Delivery Challan, Original Invoice & acknowledgement of confirmation of delivery from the Godowns (Warehouses) In charge with signature.
2. 50% of the payment will be made after successful installation, Integration, training & handover of the project. (Supporting Documents -Actual camera layout plan of each Godowns (Warehouses) and Installation Certificate & Training completion certificate from the respective Godowns (Warehouses)).
3. Balance 10% of the Contract Value will be released on Quarterly Basis i.e., in 20 Quarters during the Contract Support Period. (Supporting Documents - On submission of call resolution report with seal and signature of the bidder after the end of respective quarter with the numbers of complaints received & resolved.

9. Offer Validity Period

The tender offer must be valid for a minimum period of **one year from the date of opening of Financial bid**. Any offer falling short of the validity period is liable for rejection. Odisha State Warehousing Corporation (OSWC) reserves the right to place repeat order, if required, as per the same rates finalized through this tender along with same terms & conditions.

10. Service Level Standards & Support

The prime objective of the service levels is to ensure high quality of services from the selected bidder. The service levels defined below indicate the target level of services required, measurements parameter with penalties.

Sl. No.	Measurement Parameter	Service Level	Penalty
1	Time to resolve complaints after lodging the complaint	Within next 48 hours of lodging the complaint	No Penalty
		> 48 Hours of lodging the complaint	A penalty of Rs. 200 for every day, subject to maximum 10% of the cost of the equipment.
2	Absence of Video Recording	100% (365 x 24 hours) Excluding power cut duration	A penalty of Rs. 500/- per day per camera shall be levied in case of continuous absence of Video Recording for 24 hours, subject to maximum 10% of the cost of the equipment.
3	Availability of CCTV Operator at Central Management System (CMS)	CCTV Operator should be available from Monday to Saturdays from 9.00 AM to 9.00 PM.	A penalty of Rs. 500/- per day of absence shall be levied in case of absence of CCTV Operator for one day.

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Note: -

- a) If the call is not resolved and the value of penalty for any supplied item reaches value of the item, a NOTICE shall be issued. If two such notices are issued during a year then the department will take step for recommendation of imposing appropriate penalty and forfeit the remaining payable amount along with the Performance security deposit.
- b) Maximum applicable penalty shall not exceed 10% of the total contract value. If the penalty exceeds maximum applicable penalty, Odisha State Warehousing Corporation (OSWC) Bhubaneswar at its discretion may terminate the contract and forfeit the remaining payable amount along with the Performance security deposit.
- c) Penalty will not be applicable if the delay is not attributable to the bidder. However, in such cases bidder has to communicate in writing the reason of delay. The decision of the OSWC in this regard shall be final.
- d) Any downtime caused due to power outage, internet/WAN unavailability, civil obstruction, natural disaster, shall not be considered while calculating the SLA adherence. The bidder shall maintain the log records to justify such exclusions.

11. Rejection

Before acceptance of the items if the equipment supplied by the vendor is found defective in materials or workmanship or otherwise not in conformity with the requirements of the contract, the purchaser shall have the right to either reject or to request in writing for rectification of the defects. Then the vendor shall with utmost diligence, at his own expense, make good the defects so specified or replace the defective equipment if the vendor fails to do so, the purchaser either.

- i) May at its option to replace or rectify such defective equipment and charge to the vendor the excess cost incurred by the purchaser plus 15% (Fifteen percent) extra as administrative charges.

OR

- ii) Terminate the contract for default. Further, in the event, the vendor is not able to rectify or replace the faulty equipment within reasonable time, the decision of the Odisha State Warehousing Corporation, Bhubaneswar shall be final.

12. Delay in Completion of the Project and Penalty

The time schedule for completion of the project as mentioned in Clause-5 above is very important and the bidder must take utmost care to complete the delivery, installation and integration within scheduled time. If the work is delayed for any reason for which the client Odisha State Warehousing Corporation (OSWC) Bhubaneswar, is not responsible, a penalty @2% of the cost of the purchase order will be charged to the bidder for a delay of one week or part thereof, subject to maximum 10% of the cost of the purchase order.

The purchaser reserves the right to cancel the order if it is not executed within the prescribed completion time and forfeit the entire EMD amount. Delay in supply / installation / Commissioning

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in the part of the supplier for materials/equipment shall be treated as delay in the delivery/ installation of the goods. The purchaser reserves the right to cancel the order in full or in part. In the event of such cancellation, the purchaser shall have the right to collect penalty from the performance bank guarantee. However, for valid reasons (like any unavoidable situation at the client site) duly notified in advance and considered by the purchaser, revised delivery schedule may be accepted at the sole discretion of the purchaser.

13. Force Majeure Condition

If the execution of the contract/supply order is delayed beyond the period stipulated in the supply order as result of outbreak of hostilities, declaration of an embargo or blockade of fire, flood, acts of God, then Odisha State Warehousing Corporation (OSWC) Bhubaneswar, may allow such additional time by extending the project execution timeframe as considered to be justified by the circumstances of the case and its decision will be final. If additional time is granted by the Odisha State Warehousing Corporation (OSWC) Bhubaneswar, the supply order shall be read and understood as if it had contained from its inception the execution date as extended.

14. OEM Criteria CCTV Camera

- ✓ CCTV OEM should have ISO 9001, ISO 14001, & ISO 27001.
- ✓ MAC address of Camera should be registered in the name of OEM supplying Cameras.
- ✓ CCTV OEM should have direct presence in India for last ten years (not as joint venture, partnership firms or through any other association) & manufacturing in India since last Five years and Foreign CCTV OEM should have manufacturing unit globally from last 10 Years. Documentary evidence should be submitted.
- ✓ CCTV OEM should be full member of ONVIF family.
- ✓ CCTV Camera should support ONVIF (Profile S, G & T) and the quoted Model should be listed on ONVIF website and ONVIF report should be submitted. No OEM should be banned or suspended by ONVIF within the last five years from the date of publication of the bid.
- ✓ OEM should not have been blacklisted or barred by any Ministry of Government of India or any of the Government / PSUs or any other government department at the time of bidding.

15. OEM Criteria Video Management Software (VMS)

- ✓ The offered Video Management Software (VMS) Application should be an open-end platform & should support various third party ONVIF IP Cameras, so that the same VMS Applications would be scaled-up in future by adding any of the OEM Make IP Camera & additional software licenses. A declaration letter from the VMS OEM shall be submitted with a confirmation that the offered “VMS Application can support various THIRD-PARTY IP Cameras integration of different OEMs & include minimum TEN OEMs names with Make & Model name, in the declaration letter which are already integrated with the offered VMS Application as on date of release of the RFP”.

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- ✓ The offered VMS Software should be ONVIF S, G, T & M Profile Compliant. The Declaration of ONVIF S, G, T & M Profile shall be available on ONVIF official Website www.onvif.org
- ✓ The Video Management Software (VMS) Application OEM shall have a direct Registered office in India without any Collaboration, Joint Venture, Distributor, Parent Company.
- ✓ The Proposed Video Management Software (VMS) Server Application should have undergone Audit as per OWASP top 10 Desktop Application Security Risks from any CERT-In Empanelled Government Lab. The Security testing certificate must be Submitted as a Documentary Evidence/Proof.
- ✓ The Video Management Software (VMS) Application OEM should have the Following Certificates:
 - A. ISO 9001:2015 - Quality Management Certifications
 - B. 27001:2013 - Information Security Management Systems

16. Insurance of Equipment

The materials to be supplied should be insured by the bidder on behalf of the purchaser from his warehouse to the installation site. The insurance coverage should cover the transport of materials by Rail/Road to the destination and till handing over the same to the client after successful installation. The materials/equipment found lost or damaged in transit or during installation and commissioning should be immediately replaced to avoid delay in commissioning of the equipment.

17. Installation Supervision and Services

The bidder shall deploy diploma/graduate, field support engineer during delivery, installation and operation & maintenance support of the CCTV equipment installed at each Godowns (Warehouses). The bidder will have to appoint Project Manager/Project Coordinator for day-to-day project management, implementation, operation management & monitoring of the CCTV at site and will be responsible for providing status report to Odisha State Warehousing Corporation (OSWC) / Project in charge of Odisha State Warehousing Corporation (OSWC) Bhubaneswar on Weekly/Monthly/Quarterly basis.

Total 30 nos of field support engineer required for 30 districts. The primary objective of the field support engineer in each district to maintain the SLA as defined in the RFP.

18. Replacement

If the material/ equipment or any portion thereof gets damaged or lost during the transit and installation, the bidder shall effect the replacement of such materials/ equipment within a reasonable agreed time or **15 days whichever is earlier** to avoid delay in commissioning the equipment.

19. Purchaser's Procurement Rights

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Without incurring any liability, whatsoever to the affected bidder or bidders, the Purchaser reserves the right to:

- i) Amend, modify, or cancel this tender and to reject any or all proposals without assigning any reason.
- ii) Change any of the scheduled dates stated in this tender.
- iii) Reject proposals that fail to meet the tender requirements.
- iv) Should the Purchaser be unsuccessful in negotiating a contract if required with the selected bidder, the Purchaser will begin contract negotiations with the next best value bidder in order to serve the best interest.
- v) Make typographical correction or correct computational errors to proposals
- vi) Request bidders to clarify their proposal.

20. Inspections

- i) Project in charge of Odisha State Warehousing Corporation (OSWC) and/or representatives of Odisha State Warehousing Corporation (OSWC) shall have the right to make inspection during the execution of work at the site.
- ii) The items of supply/installation shall be verified by the authorized representatives of Odisha State Warehousing Corporation (OSWC) Bhubaneswar, during final inspection and the bills shall be submitted by the bidder after such inspection.

21. Other Instructions

- a) The bidder must organize the bid in accordance with the format specified in the tender document.
- b) The tenders not submitted in the prescribed format or incomplete after due date in any sense are liable to be rejected.
- c) OSWC is not responsible for non-receipt of tenders within the specified date and time due to any reason including postal delay or holidays.
- d) The rates should be valid for a minimum period of one year from opening of Financial bids.
- e) All taxes would be paid on actuals as per applicable laws.
- f) OSWC reserves the right to accept or reject any bid without assigning any reason thereof and its decision in this regard will be treated as final.
- g) OSWC reserves right to cancel the Purchase Order, on the recommendation of client in the event of one or more of the following situations: -
 - i. Delay in delivery and installation beyond the specified period for delivery.
 - ii. Major discrepancy in hardware & other components noticed during any stage of the project
- h) OSWC reserves the right to ask for any type of technical clarification and make technical presentation / proof of concept (POC) before the technical committee members failing which it may leads to CANCEL the bid.
- i) OSWC reserves the right to verify the equipment's as per the specifications asked in the RFP.
- j) Un-signed & un-stamped bid shall not be accepted.

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- k) Undertaking for subsequent submission of any of the document asked in the tender will not be entertained under any circumstances. However, OSWC reserves the right to seek fresh set of documents or seek clarifications on the already /submitted documents.
- l) Upon verification, evaluation / assessment, if in case any information furnished by the bidder is found to be false/incorrect, their total bid shall be summarily rejected and no correspondence on the same, shall be entertained.
- m) No deviations from tender terms and conditions will be accepted. Any violation thereof will lead to the rejection of the bid.
- n) OSWC will not be responsible for any misinterpretation or wrong assumption by the vendor.
- o) OSWC reserves the right to alter / increase / decrease the quantity of items, as the case may be, to meet the requirements at any point of time.
- p) OSWC is not responsible for non-receipt of tenders within the specified date and time due to any reason including postal delay or holidays.
- i) Over-writing/over-typing or erasing of the figures are not allowed and shall render the tender invalid.

22. Detailed Evaluation

Initial Proposal scrutiny will be held to confirm that Proposals do not suffer from the infirmities detailed below. Proposals will be treated as non-responsive, if a Proposal is found to have been:

- Submitted in manner not conforming with the manner specified in the RFP document
- Submitted without appropriate EMD as prescribed herein
- Received without the Letter of Authorization
- Containing subjective/incomplete information
- Submitted without the documents requested in the checklist
- Non-compliant with any of the clauses stipulated in the RFP
- Having lesser than the prescribed validity period.

The EMD of all non-responsive bids shall be returned to the bidders. All responsive Bids will be considered for further processing as below:

- i. OSWC will prepare a list of responsive bidders, who comply with all the Terms and Conditions of the Tender. All eligible bids will be considered for further evaluation by the Committee according to the evaluation process defined in this RFP document. The decision of the Committee will be final in this regard.
- ii. Only the bids considered to be substantially responsive shall be considered for detailed evaluation.
- iii. The Evaluation Committee will carry out a detailed evaluation of the proposals, only those who qualify in Eligibility Criteria, in order to determine whether the technical aspects are in accordance with the requirements set forth in the RFP Documents. In order to reach such a determination, the Evaluation Committee will examine and verify the technical aspect of the proposals on the basis of information provided by the bidder.
- iv. Least Cost Selection (LCS) i.e., L1 method shall be used to select the bidder.

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- v. The evaluation of the tender will be made on the basis of least cost for the entire range of product (sum of all quoted prices inclusive of taxes). In case there is any discrepancy between unit price & total price, the unit price will prevail.
- vi. The purchaser shall evaluate each bid in detail in respect of Eligibility Criteria, Technical specifications & Price quoted by the bidder.
- vii. The purchaser reserves the right to evaluate each item either by basic configuration or by combining with one or more of the options asked. Purchaser's decision in this matter shall be final and binding.
- viii. The purchaser reserves the right to negotiate prices with the selected bidder(s) if necessary.

23. Jurisdiction of Court

In the event of any dispute arising out of this agreement, the jurisdiction of court will be at Bhubaneswar for both the parties i.e the OSWC and the successful bidder.

24. Right to Reject/Accept the Tender

The purchaser reserves the right either to reject or accept any or all tenders. The purchaser has exclusive right to alter the quantities of materials at the time of placing the final purchase order. After placing the purchase order, the purchaser may order to defer the delivery of the material. It may be clearly understood by the tenderer that the purchaser need not assign any reason for the above action.

25. Final Authority

The final authority for payments will be the consignee except otherwise specifically stated and if the vendor/supplier desires to appeal against any matter he shall appeal to Odisha State Warehousing Corporation (OSWC), Corporate Office, Plot No 2, Cuttack Road, Bhubaneswar, Odisha 753001, whose decision on such matters shall be final and conclusive.

26. Dispute Resolution

Any dispute or difference, whatsoever, arising between the parties to this agreement arising out of or in relation to this agreement shall be amicably resolved by the Parties through mutual consultation, in good faith and using their best endeavours. Parties, on mutual consent, may refer a dispute to a competent individual or body or institution or a committee of experts appointed by Odisha State Warehousing Corporation (OSWC) for such purpose and abide by the decisions thereon.

On non-settlement of the dispute, same shall be referred to the Commissioner-cum-Secretary to Government, OSWC, and Government of Odisha for his decision and the same shall be binding on all parties, unless either party makes a reference to arbitration proceedings, within sixty days of such decision.

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Such arbitration shall be governed in all respects by the provision of the Arbitration and Conciliation Act, 1996 or later and the rules framed there under and any statutory modification or re-enactment thereof. The arbitration proceeding shall be held in Bhubaneswar, Odisha.

26. Exit Management

- a) The bidder shall submit a systematic Exit Management Plan, Six (6) months prior to the end of the contract period.
- b) The Exit Management Plan should be discussed with Project in charge of Odisha State Warehousing Corporation (OSWC) and finalized prior to its execution.
- c) In case of termination, the Exit Management Plan will be executed within the minimum period to transfer the knowledge till the next successor has been selected to operate the Contact Centre without affecting its services.
- d) The bidder needs to submit the following deliverables as part of the Exit Management Process.
 - Exit Management Plan
 - Updated Status of the Project with entire equipment details.
 - Knowledge transfer and handover/takeover of documents and other relevant materials between the outgoing and the new bidder.

Accepted all above terms and conditions.

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SECTION-IV
TECNICAL SPECIFICATION

Place:
Date:

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Technical Specification

4 MP Network IR Bullet Camera & Dome Camera

Make:		Model Name:	
Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Image Sensor	1/3" 4MP Progressive scan CMOS	
2	Minimum Illumination	<u>0.001 Lux@F1.4 or better</u>	
3	Effective Pixels	2688 x 1520	
4	Shutter Speed	Auto/Manual 1/3 s–1/100000 s	
6	Lens	3.6mm (2.8mm, 6mm Optional)	
7	Gain Control (AGC)	Auto/Manual	
8	S/N Ratio	>56dB	
9	Back Light Compensation	BLC / HLC / WDR(120dB)	
10	Video Compression	Instastream/H.265/H.264+/H.264	
11	Video Streaming	Main stream: 4MP (2688 × 1520)@1–20 fps/ (2560×1440)1-25/30fps Sub stream 1: D1@1–25/30 fps; Sub stream 2: D1@1–25/30 fps; Sub stream 3: D1@1fps	
12	Stream Capability	Quad Stream	
13	Digital Zoom	16x	
14	Motion detection	OFF/ON (4 areas, rectangular)	
15	Privacy Mask	4 areas	
16	ICR	Auto (ICR)/Color/B/W	
17	ROI	Yes (4 areas)	
18	Bit Rate	H.264: 32 kbps–6144 kbps; H.265: 12 kbps–6144 kbps	
19	IVS	Tripwire; Intrusion, SMD	
20	Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour, ONVIF (Profile S/Profile G/Profile T); CGI;	
21	SDK and API	Support	
22	Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; voltage detection; security exception	

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23	Cyber Security	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot	
24	Ethernet	RJ-45 (10/100Base-T)	
25	IR	IR Range of 50 Meter or better	
26	Micro SD	Micro SD Card, up to 512GB or better	
27	Operating Temperature	10°C to +60°C	
28	Power Source	12V DC/PoE (802.3af)	
29	Power Consumption	<5W	
30	Weatherproof Standard	IP67, IK10	

Network Video Recorder (NVR) 32 Channel with 4 SATA Support

Make:

Model Name:

Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Processor	Industrial-grade processor	
2	Operating System	Embedded LINUX	
3	IP Camera Input	32 channels	
5	Video Output	1-channel VGA, 1-channel HDMI video output. HDMI: 3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720 VGA: 1920 × 1080, 1280 × 1024, 1280 × 720 *Simultaneous/heterogeneous video sources output for VGA and HDMI is configurable.	
6	Video Compression	H.265, H.264, MJPEG	
7	Decoding Capability	AI disabled: 2-channel 16 MP@30 fps, 2-channel 12 MP@30 fps, 4-channel 8 MP@30 fps, 6-channel 5 MP@30 fps, 8-channel 4 MP@30 fps, 16-channel 1080p@30 fps AI enabled: 1-channel 16 MP@30 fps, 2-channel 12 MP@30 fps, 3-channel 8 MP@30 fps, 4-channel 5 MP@30 fps, 6-channel 4 MP@30 fps, 12-channel 1080p@30 fps	
8	Video Resolution	16 MP, 12 MP, 8 MP, 6 MP, 5 MP, 4 MP, 3 MP, 2MP, 960p, 1MP, D1, CIF	
9	Video Display Split	Main screen: 1/4/8/9/16/25/36 Sub screen: 1/4/8/9/16	
10	AI by NVR	Face detection, face recognition, perimeter protection, SMD Plus	

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11	AI by Camera	Face detection, face recognition, perimeter protection, SMD Plus, ANPR, people counting, stereo analysis, heat map	
12	Perimeter Performance AI by NVR	2 channels, 10 IVS rules for each channel	
13	Perimeter Performance of AI by Camera	8 channels	
14	Face Attributes	Gender, age group, glasses, expressions, face mask, beard	
15	Face Detection AI by NVR	1 channels (up to 12 face images/s each channel)	
16	Face Detection AI by Camera	8 channels	
17	Face Database Capacity	Up to 10 face databases with 200,00 images, with a total capacity of 2.5 GB. Name, gender, birthday, address, credential type, credential No., countries & regions and state can be added to each face image.	
18	Face Recognition AI by NVR	8-channel FD (by camera) + FR (by recorder), image stream: 12 face images/s 1-channel FD (by recorder) + FR (by recorder), video stream: 12 face images/s	
19	Face Recognition AI by Camera	8 channels	
20	License Plate Database Capacity	1. Create up to 20,000 plate numbers 2. Block list and allow list	
21	ANPR by Camera (Number of Channels)	4 channels	
22	SMD Plus by NVR	4 channels	
23	SMD Plus by Camera	8 channels	
24	Network Bandwidth	AI disabled: 256 Mbps incoming, 256 Mbps recording and 256 Mbps outgoing AI enabled: 180 Mbps incoming, 180 Mbps recording and 180 Mbps outgoing	
25	Network Mode	Multi-address mode, load balance, fault tolerance and other network port binding modes	
26	Interface Ports	3(1 front USB 2.0 port, 2 rear USB 3.0 ports), 1 HDMI, 1 VGA, 1 RS232, 1 eSATA Port, 1 RS485	

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27	Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, RTSP, UDP, SNMP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, PPPoE, FTP, DDNS, Alarm Server, IP Search, Multicast, Auto Registration, ONVIF 21.12(Profile T, Profile S, Profile G)	
28	Ethernet	2 (10/100/1000 Mbps Ethernet port, RJ-45)	
29	Abnormality Alarm	Camera offline, storage error, disk full, IP conflict, MAC conflict, login lock, cybersecurity exception	
30	Intelligent Alarm	Face detection, face recognition, perimeter protection, SMD Plus, people counting, stereo analysis, heat map	
31	Alarm Input	16 channel	
32	Alarm Output	4 channels	
33	Audio Input/output	1-channel RCA	
34	Hard Disk	4 SATA ports, up to 16TB each. The maximum HDD capacity varies with environment. temperature	
35	Record Mode	General, motion detection, intelligent, alarm, POS	
36	Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (face and motion detection)	

Technical Specification for 32 Inch HD LED Display Unit		
Make:		Model Name:
Description	Minimum Technical Specification	Compliance (Yes/No)
Monitor Type	LED	
Panel Technology	IPS	
Screen Size	32" or Higher	
Aspect Ratio	16:09	
Native Resolution	1,920 x 1,080 (Full HD)	
Brightness	500 Nits or higher	
Operating System	Android 9 or higher	
Other Features	Bluetooth, Built-In WI-FI, 8 GB Inbuilt Memory, 1.5 GB RAM	
The Display must be a Commercial Display only.		
Display should have capability for horizontal and vertical installation.		

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Technical Specification for LED Wall			
Make:		Model Name:	
Sl. No.	Parameter	Technical Specifications	Compliance (Yes/No)
1	Size	136" LED Wall AIO screen in 16:9 Aspect ratio with diecast cabinets	
2	Pixel Pitch	1.57 MM or better	
3	Minimum Resolution	Full HD/ 1920x1080 or better	
4	Controller	In-built	
5	HDMI	Minimum inputs combination of 2 x HDMI 2.0	
6	Display Port	1xDP	
7	USB	4xUSB	
8	Audio	30W	
9	Audio Out	Sound Out for speakers	
10	RS232/LAN	RS232/LAN for Ethernet	
11	Brightness	600 nits or better typical with HDR	
12	Refresh Rate	3840 Hz or better	
13	Contrast	10000:1 or better	
14	Viewing Angle	160 x 160	
15	Colour Temperature	3000 to 10000 Adjustable or more	
16	Brightness Uniformity	97% or better	
17	IP Rating	IP 50, HDR 10	
18	Inbuilt OS	Windows/ Android/ Tizen/WebOS remote controller	
19	Operating Temperature	-20 °CC- +45 °C	
20	Flatness of Cabinet	+-.2MM	
21	Other features	Standby power mode supported to save energy and max load should not be more than 2KW with Plug & play power cable.	
22	Smart features	like signage inbuilt, wireless mirroring etc.	

Control Room Workstation With 24 Inch Monitors			
Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Processor (CPU)	Intel Core i9, 16 cores or better	
2	Memory (RAM)	32 GB or higher	

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3	Graphics Card (GPU)	NVIDIA Graphics or better	
4	Primary Storage	1 TB NVMe SSD	
5	Network Interface	1 x 1 Gbps Ethernet Port	
6	Operating System	Windows 11 Pro or as required for VMS	
7	Display Outputs	Support for up to 2 displays or better	
8	Form Factor	Tower Workstation	
9	Keyboard, Wireless Mouse	Included	
10	Compatibility Confirmation	OEM of VMS to confirm compatibility	
4 Port POE (10/100/1000) Managed Switch with 2 SFP Ports			
Make:		Model Name:	
Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Power Supply	Power Adaptor, 52V/1.3A	
2	PoE Ports	4 x 10/100/1000 Mbps	
3	Uplink Ports	1 x 10/100/1000 Mbps & 2 x 1000 Base-X	
4	Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3X	
5	PoE Standard	IEEE802.3af/at	
6	Backplane Bandwidth	14 Gbps	
7	Forwarding Capacity	10 Mpps	
8	Packet Buffer	1M	
9	MAC Address List	2K	
10	Forward Mode	Store-and-forward	
11	Mode Switch	- Default: All ports communicate freely, 10/100/1000 Mbps - VLAN: Ports 1–4 isolated, communicate with Ports 5–7	
12	PoE Power Mode	End-span 1/2(+), 3/6(-)	
13	PoE Power Budget	Each port \leq 30W; Whole device \leq 78W	
14	Protection	- Surge Protection: 4KV (common mode), 10/700us IEC61000-4-5 - ESD Protection: Contact \pm 4KV, Air \pm 6KV, IEC61000-4-2	
15	Operating Temperature	-20~55°C, 5%-95% (non-condensing)	
16	MTBF (Mean Time Between Failures)	> 50,000 hours	

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8 Port POE (10/100/1000) Managed Switch with 2 SFP Ports			
Make:		Model Name:	
Sl. No	Parameter	Specification	Compliance (Yes/No)
1	Power Supply	Power Adaptor, 52V/2.3A	
2	PoE Ports	8 x 10/100/1000 Mbps	
3	Uplink Ports	2 x 10/100/1000 Mbps & 2 x 1000 Base-X	
4	Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3X	
5	PoE Standard	IEEE802.3af/at	
6	Backplane Bandwidth	24 Gbps	
7	Forwarding Capacity	17 Mbps	
8	Packet Buffer	2M	
9	MAC Address List	2K	
10	Forward Mode	Store-and-forward	
11	Mode Switch	- Default: All ports communicate freely, 10/100/1000 Mbps - VLAN: Ports 1–8 isolated, communicate with Ports 9–12	
12	PoE Power Mode	End-span 1/2(+), 3/6(-)	
13	PoE Power Budget	Each port \leq 30W; Whole device \leq 120W	
14	Protection	- Surge Protection: 4KV (common mode), 10/700us IEC61000-8-5 - ESD Protection: Contact \pm 4KV, Air \pm 6KV, IEC61000-8-2	
15	Operating Temperature	-20~55°C, 5%-95% (non-condensing)	
16	MTBF (Mean Time Between Failures)	> 50,000 hours	

Video Management Software			
Make:		Model Name:	
Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Network Video Manager	The offered VMS shall be ONVIF compliant to cater the future upgradation needs. No proprietary embedded features shall be considered. The offered VMS should compulsorily not be of same make as make of proposed cameras to ensure open architecture and no lock-In. Network Video Manager shall use fully distributed architecture to avoid single point failure.	
2	Simultaneous Functioning	Recording Alarms handling	

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		Live view	
		Camera control	
		Map view	
		Playback	
		Configuration and reports	
		Multiple monitor support	
3	Video Input	Support for mega pixel cameras.	
		MJPEG, MPEG4, H.264, H.265 formats	
		Supports dual stream cameras & triple stream cameras	
		Fully optimized video capture to minimize the bandwidth usage	
		Flexible architecture to quickly integrate any new cameras	
		Auto search for IP video devices	
		Automatic restore of video connection	
		Fixed cameras and PTZ cameras.	
4	Security	User configurable video resolution and frame-rate for each channel	
		Multiple recording modes – continuous, scheduled, on alarm	
		Pre and post event recording	
		High FPS recording on alarm	
		Operator activated recording	
		Time lapse video recording	
		Video overlay text	
		Available disk space and expected recording time indicators	
		Recording history indicator	
		Watermarking on recorded video	
		Automatic hard disk recycling	
		Network time server synchronization	
		Multiple drives selection	
		Support for RAID, Direct-attached Storage and Network-attached storage	
5	Audio Devices	Ability to add independent audio devices / audio sources	
		Audio data captured from audio devices is recorded independently	
		Recorded audio data can be played back, synchronized in time, with video devices and audio streams associated with video sources	
6	Alarms	In-built video motion detection	
		Network loss, network recovery	

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		Video loss, video recovery	
		Low disk space, disk space recovery	
7	Live Video View	Tree view of cameras and sequences	
		Drag and drop camera selection	
		Patrolling mode / video sequences	
		Multiple layout options combined with patrolling mode	
		Page navigation within layout	
		Compact layout button	
		Digital PTZ	
		Magnifying glass	
		Video overlay text	
		Bandwidth usage indicator	
		Independent layout settings for each screen	
8	Camera Control	Camera PTZ	
		Presets and tours	
		USB joystick support	
		CCTV keyboard support	
		Drag and drop camera selection	
9	Map View	Dedicated map view screen	
		Tree view of cameras and sequences	
		Drag and drop camera selection	
		JPEG / BMP map images	
		Camera / device indicators on map	
		Alarm indication on map	
		Live video display of multiple channels and sequences on map	
		Video view state and camera indicator state for each camera	
		Device indicators display on the map	
		Alarm indicator on map	
		Digital PTZ for map	
		Map location presets	
10	Reports and Logs	Session logs display	
		Session alarms display	
		Detailed user logs / activity reports / system logs	
		Search user logs to generate reports	
		Report includes details like activity description, source IP address	
		Alarms search to generate alarm reports	
		Search alarms based on alarm type, channel and time duration	

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		Alarm video display with video navigation controls	
		Quick access to multi-channel playback and video export associated with search results	
		Print logs	
		Save logs in TXT, CSV or PDF formats	
		Print reports	
		Save reports in TXT, CSV or PDF formats	
		Automated daily reports saving	
		Automated daily reports e-mailing	
		Print images	
11	Playback	Synchronized playback of multiple video channels	
		Video navigation - play, pause, up to 16X fast forward and up to 16X rewind	
		Time-lapse video playback mode	
		Time based playback	
		Alarm based playback	
		Tree view of cameras	
		Independent layout settings for each screen	
		Recording history indicator	
12	Users and Privileges	Multiple user levels and privileges	
		Built in standard privileges	
		Ability to define custom privileges	
		Built in standard uses	
		Unlimited number of users can be added	
		Ability to associate / change privilege for any user	
		Ability to disable a user. Ability to delete a user	
		Administrator control to change password for any user	
		User information like name, contact information etc.	
13	Video Export	Video export based on time duration or alarm	
		Option for video overlay text on exported video	
		Standard format video export, exported video can be played in any standard media player like Windows Media Player	
		Native format video export with player application	
14	User Interface	Multiple monitors and video walls support	
		Video thumbnail views	
		Full screen view of any video channel	
		Quick set up wizard for easy initial configuration	
		All windows can be resized to custom sizes	

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		Single click 'Fit to screen size' support for all windows	
		Recording status summary	
		Video channel availability summary	
		Video analytics status summary	
		Simultaneous functioning of all features	
		View video channels as a list or as thumbnails	
15	Data Management	Archiving or deleting history data	
		Manual data clean up	
		Scheduled data clean up	
		Manual data archiving	
		Scheduled data archiving	
		Video player application is available along with the archived data for reviewing archived data	
16	Client Application	Standard server-client architecture	
		Encrypted data communication between server and clients	
		Support for port forwarding to support far away / remote clients	
		Client software can be download from server URL	
		Automatic client software upgrade, if required	
		Multi-site monitor - connect to multiple servers and view combined data	
		Ability to simultaneously view live videos from multiple servers	
		Ability to simultaneously view Playback videos from multiple servers	
		Automatic time synchronization with server computer	
		Automatic time synchronization between multiple connected server computers	
		Configuration to get live video streams from server or directly from cameras	
17	24X7 Working	Watchdog to monitor application health	
		Automatic saving all settings including user interface settings	
		Automatic full system restore after unexpected events like power loss	
		Diagnostics parameters display	
		Fully distributed architecture with no single-point failure	
		Automatic optimization option in server to lower resource usage, after the settings are done.	
18	Hardware	To run on industry standard hardware and network components.	

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		Operating System – shall support Windows Server Edition 2016 and latest for Server	
		Supports both 32 bit and 64 bit OS versions	
2 KVA On-line UPS			
Make:		Model Name:	
Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Minimum Parameter	<ul style="list-style-type: none"> • Online UPS with 30 Minutes Backup • Switching Technology: IGBT-PWM • Input Voltage: AC single phase 160v-260v • Output: AC single phase 230v +/- 1% 50Hz. • Battery: SMF-VRLA Conforming to JISC:8702 (Pt. I, II, III), Stationary Lead Acid • Batteries with flat plates • Overall efficiency (%): >=80% & <90% with Inbuilt Isolation Transformer. • Quality Certification: ISO 9001, ISO 14001 & ISO 45001/50001 • OEM should have at least 10 plus technicians in their direct payroll in Odisha for on time support at all locations. Documentary evidence from OEM in the form of ESI/PF challans to be submitted. 	

6 KVA (6 KW) On-line UPS			
Make:		Model Name:	
Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Minimum Parameter	<ul style="list-style-type: none"> • Online UPS with 30 Minutes Backup • Switching Technology: IGBT-PWM • Input Voltage: AC single phase 160v-260v • Output: AC single phase 230v +/- 1% 50Hz. • Battery: SMF-VRLA Conforming to JISC:8702 (Pt. I, II, III), Stationary Lead Acid • Batteries with flat plates • Overall efficiency (%): >=80% & <90% with Inbuilt Isolation Transformer. • Quality Certification: ISO 9001, ISO 14001 & ISO 45001/50001 	

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		<ul style="list-style-type: none"> OEM should have at least 10 plus technicians in their direct payroll in Odisha for on time support at all locations. Documentary evidence from OEM in the form of ESI/PF challans to be submitted. 	
Server for Video Management Software			
Make:		Model Name:	
Sl. No.	Parameter	Minimum Specifications	Compliance (Yes/No)
1	Processor	Latest series/ generation of 64-bit x86 processor(s) with 16 or higher Cores Processor speed should be minimum 2.1 GHz Minimum 2 processors per each physical server	
2	RAM	Minimum 128 GB Memory per physical server scalable up to 512GB	
3	Internal Storage	2 x 600 GB SAS (10k rpm) hot swap	
4	Network interface	4 X 10GbE LAN ports for providing Ethernet connectivity	
5	Power supply	Dual Redundant Power Supply	
6	RAID support	As per requirement/solution	
7	Operating System	64-bit latest version of operating system as per requirement of AI solution	
8	Form Factor	Rack mountable	
9	Virtualization	Shall support Industry standard virtualization hypervisor like Hyper-V, VMWARE, Oracle VM etc.	
11	GPU	GPU each server, L4 or better (server grade GPU cards not workstation grade)	
12	Compatibility Check by VMS OEM	OEM of VMS should give declaration of compatibility with a proposed server specification on the letter head of VMS OEM or alternatively proposed own make of hardware.	

Poles			
Sl. No.	Parameter	Minimum Specifications	Compliance (Yes/No)
1	Pole	Galvanized Iron (GI) Standard Poles for Surveillance Cameras (height of 6 Meter), 120Kmph wind speed bearing capacity, load bearing capacity of minimum 12 KG with foundation, fasteners / bolts, (complete in all respects including rust protection, Paint, civil work and earthing, structural design and material composition test certificate) as per Solution requirement	

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Poles			
Sl. No.	Parameter	Minimum Specifications	Compliance (Yes/No)
2	Lightning Protection	Required	
3	Manufacturer	TATA / Crompton / Utkarsh / Jindal / TGSPL / Valmont / Bajaj	

Technical Specification for Rack (2U/6U/16U)			
Make:		Model Name:	
Sl. No.	Specification	Compliance (Yes/No)	
1	Racks manufactured out of steel sheet punched, formed, welded and Powder coated		
2	Rack should be manufactured by ISO 14001 Certified Company		
3	Standard for Racks configuration will be welded frame and vented top cover		
4	Rack should have Front Toughened Glass Door with lock & Key		
5	Rack should have Adjustable mounting depth,		
6	Rack should have Fan module Mount Provision on top Cover with 2 fans		
7	Rack Should have standard rack mount power distribution unit		
8	Rack should have provision for cable entry Exit from Both top & Bottom.		
9	Rack should have 1 Packet of Mounting hardware, Pack of 10		

Technical specification for Next Generation Firewall			
Make:		Model Name:	
Sl. No.	Parameter	Minimum Specification	Compliance (Yes/No)
1	General Requirements	Firewall should support Active-Passive and Active-Active Failover from day 1	
		Bidder to submit detailed Bill of Material covering OEM part code and quantity of all offered appliance, accessories license, OEM warranty etc. along with the bid	
		Every gateway security control feature mentioned in this tender shall not have any licensing restriction on number of users or any other parameter and shall be supplied for unlimited users license.	

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		<p>Solution should provide features of firewall identity Awareness IPsec VPN, IPS, Application Control, Content Awareness URL Filtering, Anti-Bot, Anti-Virus/ Anti Malware, DNS Security on some platform/appliance, zero-day attack (Sandblast) from day one. The solution must support both on premise as well as cloud sandboxing feature from day 1 to protect against zero-day attack.</p>	
		<p>Any third-party products (hardware database, license etc.) required to achieve the solutions desired result shall be provided with the solution and shall be under bidder's scope.</p>	
		<p>The vendor must provide evidence of year over year leadership positions in enterprise firewall, UTM firewalls and intrusion prevention based on independent security industry data.</p>	
2	OEM & Bidder Credentials/Requirements.	<p>OEM should have dedicated/toll free telephone number for service support. Bidder to submit details of dedicated/toll free telephone number for services support along with services Request creation procedure.</p>	
		<p>OEM should have rich website/knowledge base covering details of implementation and troubleshooting documentations in form of knowledge Document reference number, Website detail to be provided. In order to verify the content over Knowledge base portal, Bidder to provide basic login credentials and URL in case the Knowledge base portal is enabled with login credentials.</p>	
		<p>The OEM should provide 24x7x365 days (including Sunday, holiday etc.) technical support. The OEM should provide the login credentials with highest level permission to raise the technical issues, search knowledge base, download the patches & upgrade, documents and manage the device on OEM website.</p>	
		<p>The offered model should not be End of Life/End of Support in next 5 years. The OEM should continue to provide the following till the valid contract of the appliance.</p> <ul style="list-style-type: none"> a) upgrades b) Updates c) Patches and Fixes <p>Letter from OEM mentioning the same to be attached along with the bid.</p>	
3	Appliances Requirements	<p>The offered solution should run on a hardened OS and delivered on purposeful built hardware appliance manufactured by offered firewall OEM only.</p>	

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	Appliances should be rack mountable and & not more than 1RU.	
	Appliances should have a least 4.5 Gbps real world/ enterprise mix Threat Prevention throughput at various TCP packets/size from day 1.	
	Appliance should have at least 17 Gbps of NGFW throughput from day 1	
	Appliance should have 25 Gbps of IPS throughput from day 1	
	the appliances hardware should be a multicore CPU architecture with a hardened 64 bit operating systems.	
	Appliance should have a least 32 GB Memory on day one and should be expandable to 64 GB in the future without changing the proposed appliance.	
	Appliances should have at least 480 GB of SSD storage on day one.	
	Each appliance should be loaded with following interfaces on day 1 <ul style="list-style-type: none"> • 10/100/1000 Mbps copper port-8 qty. • 1/10 Gbps Fiber ports- 8 qty. • MM SFP Trans receiver- 2 qty. • 10/100/1000 Mbps out-of-band management port-1 No. • RJ45 dedicated console port-1 qty 	
	Appliance should support minimum 150,000 connections per second.	
	Appliance should support at least 2 million concurrent connections.	
	Appliance should be supplied, installed and configured ready for future upgradation to high availability for redundancy, if required <ol style="list-style-type: none"> a) Solution should provide high availability (Active-Active & Active-passive) at gateway level. Appliance failover shall be completed stateful in nature without any manual intervention and should be completely transparent to end-user without any session drops. b) All the features running should provide stateful failover. c) Authentication for adding new HA member should be required. d) Solution should not require any downtime/reboot for failover & backup purpose. 	

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		it should be possible to manage appliance including its hardware and networking features over secure channels (https and ssh).	
		Appliances should be supplied with the support for static and dynamic routing protocols	
		Solution should provide IPv4 and IPv6 dual stack support from day one. OEM should be IPv6 logo approved. Supporting documents to be submitted.	
		Solution should support system authentication with Local DB/RADIUS/Microsoft AD. It should have ability to dynamically fall back to the local user database in case of external AAA server outage.	
		Appliance should have a feature of holding multiple versions of OS to support resilience and easy rollbacks during the versions upgrades.	
		Appliance shall support Link aggregation functionality to group multiple ports as single channel.	
		The proposed solution should be a purpose-built Security Firewall Device and should not have wireless access component within its hardware and software	
4	Network Protocols/Standards Support Requirements.	The firewall should have granular application identification technology based upon deep packed inspection.	
		The Firewall should provide stateful engine support for all common protocols of the TCP/IP Stack.	
		All internet-based application shall be supported for filtering like Telnet, FTP, SMTP, Http, DNS, ICMP, DHCP, RPC, SNMP, Lotus Notes, Ms-Exchange etc.	
		IPSec. Encryption shall be supported with 3DES, AES-128 & AES-256 standards.	
		The Firewall should provide NAT functionality including dynamic and static NAT transitions. Network Address Translation(NAT): a) Network address translation(NAT) shall be supported so that the private IP address of hosts and the structure of an internal network can concealed by the firewall b) Network Address Translation (NAT) shall be configured as 1:1, 1: many, many: 1, many: many flexible NAT (overlapping IPs) c) Reverse NAT Shall be supported. d) Port address translation/ Masquerading shall be supported.	

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		<p>a) The firewall should support internet Protocol Security (IPSec).</p> <p>b) key exchange with latest internet key Exchange (IKE),public key infrastructure PKI (X.509) shall be catered to.</p> <p>c) Support latest Encryption algorithms including AES 128/192/256 (advanced Encryption standards) 3DES(Data Encryption standard) etc.</p> <p>d) Support Latest Authentication algorithms including SHA-1 (Secure Hash Algorithm-1) SHA-2 (Secure Hash Algorithm-2) etc.</p> <p>e) IPSec NAT traversal shall be supported.</p>	
5	Firewall Filtering Requirements.	<p>Solution should be able to configure access policy base on the following parameter:</p> <p>a) Source/Destination IP/Port</p> <p>b) Time and date access</p> <p>c) User/group role (After integration with AD)</p> <p>d) Combination of one or multiple of above mentioned parameter.</p>	
		<p>Solution should have rich Geo location feature and it should facilitate following Geo Location access policy scenario at least.</p> <p>a) Blocking/allow for all objects based on source/destination Geo location (Source/destination can be defined as specific country, specific continent or entire globe)</p> <p>b) Blocking/allow for specific object (Viz. web server, destination IP etc.) based on source/destination Geo location (source/destination can be defined as specific country, specific continent or entire globe.</p>	
		<p>Solution should have provision of taking custom feed of IP address and URLs from any publicity/internally hosted web page. It should give flexibility to administrator to utilize this custom feed and block any inbound or outbound traffic to/from custom feed.</p>	

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		<p>It should have following features :</p> <p>a) The firewall should mask the internal network from the external world.</p> <p>b) Multi-layer, stateful, application-inspection-based filtering should be supported.</p> <p>c) it should provide network segmentation reduces with capabilities that facilitate deploying security for various internal, external and DMZ (Demilitarized zone) sub-groups on the network to prevent unauthorized access.</p> <p>d) ingress/egress filtering capabilities shall be provided</p> <p>e) There should be support for detection of reconnaissance attempt such as IP address sweep, port scanning etc.</p> <p>f) Should include basic attack protection features listed below but not limited to:</p> <ul style="list-style-type: none"> • Maximum no of protection against attacks that exploit weakness in the TCP/IP protocol suite. • it shall enable rapid detection of network attacks • TCP reassembly for fragmented packet protection. • SYN Flood, half open Connections and NULL Packets • Protection against IP spooling • Malformed packet protection. • Java blocking and ActiveX blocking 	
		<p>Must allow security rules to be enforced within time intervals to be configured with an expiry date/time.</p>	
6	QoS(Quality of Service)	<p>Solution should support the ability to create Qos Policy:</p> <ul style="list-style-type: none"> • by destination address • by user/user group as defined by AD • by application (such as Skype, Bit torrent, YouTube) • by static or dynamic application groups (such as instant Messaging or P2P groups) and-by post 	
		<p>The proposed firewall shall define Qos traffic classes and shall support real-time prioritization of traffic</p>	
7	Identity Awareness Features	<p>solution must be capable of gathering information about network hosts and their activity, such as operating systems, services, client application to assist with multiple activities, such as interruption even data correlation, elimination of false positive and policy compliance.</p>	
		<p>Solution should support identity-based control for Granular user, group and machine-based visibility and policy enforcement.</p>	

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		Solution should support the identify based logging applicating detection and usage controls.	
		Solution should provide seamless Ad integration with multiple deployment options like Clientless, Captive Portal or identity Agent.	
		Should support redundancy High Availability and Load Sharing.	
		Should support Kerberos transparent authentication for single sign on.	
8	Threat Preventions features.	IPS should be based on the following detection mechanisms exploit signature protocols anomalies, application controls and behavior-based detection.	
		IPS should be able to detect and prevent the following threats: <ul style="list-style-type: none"> • Protocol misuse • Malware communications • Tunneling attempts • Denial of service • Oher generic types without predefined signatures. 	
		IPS should have options to create profiles for either client or server-based protections or a combination of both.	
		IPS should provide at least two pre-defined profiles/Polices that can be used immediately.	
		IPS updates should have both options of automatic downloads and scheduled update so that it can be scheduled for specific days and time. Updates may be either directly taken using gateway routs or using proxy credentials. It should not require reboot of appliance.	
		IPS should support network exceptions based on source, destination, service or a combination of either.	
		IPS should include a troubleshooting mode which sets the in-use profile to detect only, without modifying individual protections.	
		The administrator should be able to automatically activate new protections based on configurable parameters to improve security and performance of network	
		IPS should be able to collect packed capture for specific protections.	

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	IPS should have Microsoft, Adobe iis/Apache web Server specific protections	
	Solution should support more than 12000(excluding custom signature) IPS signatures or more.	
	IPS profiles should have an option to create customer's own signature with an open signature than can be activated/de-activities as per customer environment.	
	IPS should provide details information on each protection, including: Vulnerability and threat descriptions, Threat severity, Release date CVE Reference, Performance Impact Confidence index, Threat severity etc.	
	IPS should also have an option to create customer's own signatures with an open signature language.	
	Signatures should have severity level defined to it so that the administrator can understand and decide which signature to enable for what traffic (e.g. for severity level: high medium low.)	
	Solution should support Granular Application Detection and Usage Control and shall be able to identify, allow block or limit application regardless of port, protocol etc.	
	Solution should have creation with easy-to-understand name e.g. Business Applications, instant Messaging File Storage and Sharing Mobile Software, Remote Administration SMS Tools, Search Engine, virtual World, Webmail etc.	
	Solution should provide data visibility and enforcement in Access Policy.	
	Solution Should facilitate setting of direction of the data in the Access Policy to any one of these: <ul style="list-style-type: none"> • Download Traffic into the organization • Upload Traffic-out of the Organization • Any Direction 	
	Solution should facilitate setting of data types in the data in the Access Policy to any one of these: <ul style="list-style-type: none"> • Content Types- Classified by analyzing the file content (for exercise PCI-credit card numbers, International Bank Account Number-IBAN etc.) • File types- Classified by analyzing the file ID (for example: Viewer File- PDF, Executive file, Presentation file etc. 	
	Solution should protect from DNS Cache Poisoning and prevents users from a accessing blocked domain addresses.	

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		Solution should support web content filtering up to layer 7 traffic like HTTP, HTTPS, DNS, etc, with Application identification like IM, torrent etc. Allow/Deny traffic based on source/Destination IP/ Networks, Web URLs, Regular expressions, Web plug-ins such as ActiveX, Java Applet & Cookies Regular file extensions, Spy wares and Ad wares.	
		Solution should support more than 6000 (excluding custom application signatures) distinct application signatures	
		The Solution should include next generation threat prevention features including Antibot and Antivirus functionality multi-thread detection engine which includes the reputation of Ips, URLs and DNS addresses and detect patterns of bot communications and scanning of malicious files.	
		The antivirus signature database of proposed solution should comprise of up-to-date list of signatures of virus malwares, spyware etc.	
		DNS security capabilities should block known Bad domains and predict with advanced machine learning technology and should have global threat intelligence of at least 200 million malicious domains/IPs	
		Solution should be able to detect & prevent & prevent Unique communication patterns used by BOTs i.e. Information about Botnet family	
		Solution should be able to detect & Prevent attack type such as spam sending click fraud or self-distribution, that are associated with Bots.	
		The Malware prevention engine of the proposed solution should be able to detect& prevent the Spyware, Ransomware & Adware for pattern-based blocking at the gateways.	
		Solution should be able to discover the Bot infected machine.	
9	Administration, Management and logging.	Solution should provide a dedicated management server for managing policies. All the policies should only be managed by central policy management server.	
		To ensure the consistent policy enforcement and simplification of auditing and compliances, firewall policies should be configured and managed exclusively through the central management server. Direct policy configuration on individual firewall devices is strictly prohibited under any circumstances.	

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		<p>Solution should provide log analysis and policy management from a central point for all supplied parameters. The Management infrastructure can be either virtual machine based or appliance based and should not cause any restriction/limitation in terms of following:</p> <ul style="list-style-type: none"> o In case of shifting from one VM to another o Configuration restoration on new VM taken from another VM in case of VM crash or hardware failure o Computer or storage Increase o Any other for smooth functioning of solution 	
		<p>Management infrastructure should provide functionality to automatically save current state of Access and Threat prevention Policy each time when any configuration changes in Security Policy is enforced and should have option to revert back to previous stored state, it should be capable of storing at least last 5 policy revisions.</p>	
		<p>The Solution should have capability of correlation of logs to identify significant events easily and understand security status and trends. Real-time data analysis and customer event logs should immediately notify administrators to allow for quick action and/ or remediation.</p>	
		<p>Solution should have the granularity of administration that works on parallel on same policy without interfering each other. This option to restrict various Administrator in Management server to view only limited set of Policy which theory are meant to edit.</p>	
		<p>All the logs should be visible on central management server. Management to be sized for at least 5 Gb logs /day and should have on-management retention of at least 90 days.</p>	
		<p>Solution should allow scheduling of reports daily, weekly and monthly with start and expiration date for reports to be generated automatically according to defined start and expiration dates.</p>	
		<p>Solution should send reports automatically via email to multiple email-ids in HTML/PDF format.</p>	
		<p>Management infrastructure should have user friendly GUI for all generally used features, and usage of command line shall be bae minimum even for administrative purpose.</p>	
		<p>Solution should warn the end user with a customizable page when the application is blocked.</p>	

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		Solution shall receive logs for the overall proposed solution in a single system and shall not be separate for each module of proposed firewall/location of firewall.	
		Solution should be capable of integrating with other equipment like SIEM tool, reporting tools etc. with no customization need for integration.	
10	Assurance Standards	The firewall should belong to product family which minimally attains EAL4+/ICSA certified. Bidder to submit supporting documents.	
		Appliance should be compliant to ROHS (Restriction of Hazardous Substances) re-cast directive 2011/65/EU and (EU)2015/863 amending Annex II REACH (Registration, Authorization and Restriction of Chemicals, EU Regulation (EC) 01907/2006	
		Appliance should be compliant to EN 62368-1:2014/A11:2017, EN 62368-1:2014 EN 62368-1:2014+A11:2017. J 62368-1 (H30) AS/NZS 62368.1:2018. CAN/CSA C22.2 No. 62368-1-14.	

8 Port Layer3 Switch With 4 SFP Ports			
Sl. No.	Parameter	Specification	Compliance (Yes/No)
1	Copper Ports	8 x 10/100/1000T RJ-45	
2	SFP Ports	4 x 100/1000X SFP of same make to be supplied	
3	Switch Type	Industrial Ethernet Switch	
4	Layer	Layer 3	
5	Switching Capacity	24 Gbps	
6	Forwarding Rate	17.8 Mbps	
7	Operating Temperature	10°C to +75°C	
8	Mounting	DIN Rail / Wall Mount	
9	Enclosure	Aluminum/Sheet Metal	
10	Protection Rating	IP30	
11	Fanless Design	Yes	
12	Management Features	CLI, Web GUI, SNMP, AMF Plus, NETCONF/RESTCONF, Open Flow	
13	Redundant Power Support	Yes	
14	IPv6 Support	Yes (IPv6 Ready Logo)	
15	QoS Support	8 Queues, Traffic Shaping, Priority Queues	
16	Routing Protocols	Static, RIP, OSPF, BGP	
17	Industrial Protocols	Modbus/TCP, PROFINET IO, IEEE 1588 PTP	

Place:

Date:

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SECTION-V

COMMERCIAL OFFER

Place:
Date:

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Financial Bid for CCTV Surveillance System
(To be in Company letter head)

Sl. No.	Particulars	Make & Model Name	[A] Quantity	[B] Unit Price for the Equipment (INR)	[C] GST as Applicable Per Unit (INR)	Total Unit Price Including GST (B + C)	[D = A x (B+C)] Total Cost (INR)
1	4 MP Fixed Outdoor Bullet Camera (Full HD, IR & IP-based) with Mounting Brackets and Outer Casing. [Bullet-690+Dome-46]		736 Nos				
2	Network Video Recorders (NVR) 32 Channel, 4 SATA		46 Nos				
3	8 TB SATA Hard Disk Drives for Storage		92 Nos				
4	8 Port POE Switch		148 Nos				
5	4 Port POE Switch		148 Nos				
6	6 U Rack		66 Nos				
7	2 U Rack		148 Nos				
8	Monitor 32 Inch with VGA/HDMI Cable & Stand		46 Nos				
9	Optical Mouse		46 Nos				
10	Cat 6 STP Cables		82600 Meter				
11	Syntex Box 4*4		736 Nos				
12	ISI Mark PVC Conduits		92600 Meter				
13	Electric Cable (2 MM)		1800 Meter				
14	GI Pole 9ft with Earthing (as per industry standard)		46 Nos				
15	2KVA UPS with 30 Min Back-up		46 Nos				

Place:

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16	6 KVA UPS with 30 Min Back-up		01 Nos				
17	16U Racks, Installation & Other Accessories		01 Nos				
18	136" High Definition All-in-One LED Wall with in-built controller		01				
19	Control Room Workstations with 24 inch Monitors		02				
20	Video Management Software Licenses		736				
21	Central Management Software Licenses		02				
22	Next Generation Firewall with integrated threat prevention, zero-day protection, HA support		01				
23	Control Room Network Switch - 8x 10/100/1000T, L3 switch with 4 SFP		02				
24	Server for Video Management Software		01				
25	Command & Control Centre - Helpdesk Manpower for 60 Months (2+1)		180				
26	Digging and Packing of Concrete Surface		18500 Meter				
27	Trenching and Packing of Roads		4800 Meter				
28	One time transport, installation, integration, commissioning, training & insurance etc.		Lot				
Total Cost Including GST @ 46 Nos (Warehouses) =							

Note: -

- All the above price would be in INR only, including GST.
- The above price would include FIVE Years Warranty & Support.
- L1 will be decided based on the **Grand Total Cost Including GST** for Forty-Six (46) Godowns (Warehouses).
- The bidder has to compulsorily quote for all items mentioned in the Commercial-bid Tables. In case bidder fails to quote for any of this stage, the bid would be summarily rejected.
- Above is indicative, however the quantity may increase or decrease at the time of placing the purchase order as per actual.
- The tax rates will be mentioned as per standards.

Place:**Date:****Signature & Seal of the Bidder**

SECTION-VI
LIST OF ANNEXURES

Place:
Date:

Signature & Seal of the Bidder

Annexure: G-1
(To be in Company letter head)

Bidder's General Information

Sl. No.	Information	Details
1.	Name of Bidder	
2.	Registered Address of Bidder	
3.	Address for Communication	
4.	Name, Designation and Address of the contact person to whom all references shall be made regarding this Tender	
5.	Telephone no. of contact person:	
6.	Mobile no. of contact person:	
7.	Fax no. of contact person:	
8.	E-mail address of contact person:	
9.	GST Number of the Firm	
10.	PAN No. of the firm	
11.	EPF Registration No	
12.	ESIC Registration No.	
13.	Address of local office in Odisha, if any	
14.	Name and contact details of the contact person in Odisha, if any	
15.	Average Annual Turnover: FY 2021-22 FY 2022-23 FY 2023-24	
16.	Net Worth	

Place:
Date:

Signature & Seal of the Bidder

Annexure: G-2
(To be in Company letter head)

Self-Declaration - Not Blacklisted

To,

MANAGING DIRECTOR
ODISHA STATE WAREHOUSING CORPORATION
PLOT NO: 2, BHUBANESWAR ROAD
BHUBANESWAR-751006, ODISHA
PHONE: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Sir

In response to the RFP Enquire No.: XXX-XXX-XXX, Date-XX-XX-2025 for RFP titled “Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.”, as an Owner/Partner/Director of (Organization name) _____, I/We hereby declare that presently our Company/ firm is not under declaration of ineligible for corrupt & fraudulent practices, blacklisted either indefinitely or for a particular period of time, or had work withdrawn, by any State/Central Government/PSU.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Thanking you,

Signature
(Authorised Signatory)

Seal:

Date:

Place:

Name of the Bidder:

Place:

Date:

Signature & Seal of the Bidder

Annexure: G-3
(To be in Company letter head)

Bidder's Authorisation Certificate

To,

Managing Director
Odisha State Warehousing Corporation
Plot no: 2, Bhubaneswar Road
Bhubaneswar-751006, Odisha
Phone: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Sir,

With reference to the RFP Enquire No.: XXX-XXX-XXX, Date :XX-XX-2025, Ms./Mr. <Name>, <Designation> is hereby authorized to attend meetings & submit pre-qualification, technical & commercial information as may be required by you in the course of processing the above said Bid. S/he is also authorized to attend meetings & submit technical & commercial information as may be required by you in the course of processing above said application. Her/his contact mobile number is _____ and Email id is _____. For the purpose of validation, his/ her verified signatures are as under.

Thanking you,

Signature
(Authorised Signatory)

Verified Signature by
Director/CEO

Seal:
Date:
Place:
Name of the Bidder:

Place:
Date:

Signature & Seal of the Bidder

Annexure: G-4
(To be in Company letter head)

Acceptance of Terms & Conditions

To,

MANAGING DIRECTOR
ODISHA STATE WAREHOUSING CORPORATION
PLOT NO: 2, BHUBANESWAR ROAD
BHUBANESWAR-751006, ODISHA
PHONE: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Sir,

I have carefully and thoroughly gone through the Terms & Conditions along with scope of work contained in the RFP Enquire No.: XXX-XXX-XXX, Date: XX-XX-2025, regarding “Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.”

I declare that all the provisions/clauses including scope of work of this RFP/Tender Document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Thanking you,

Signature
(Authorised Signatory)

Seal:

Date:

Place:

Name of the Bidder:

Place:

Date:

Signature & Seal of the Bidder

Annexure: G-5
(To be in Company letter head)

Bid Document Cover Letter

To

MANAGING DIRECTOR
ODISHA STATE WAREHOUSING CORPORATION
PLOT NO: 2, BHUBANESWAR ROAD
BHUBANESWAR-751006, ODISHA
PHONE: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Sir,

We, the undersigned, offer to provide solution to OSWC, for Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation, in response to the RFP Enquire No.: XXX-XXX-XXX, Date: XX-XX-2025.

We are hereby submitting our Proposal, which includes the Pre-Qualification Bid, Technical bid and the Commercial Bid sealed in a separate envelope. We hereby declare that all the information and statements made in this Technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the implementation services related to the assignment not later than the date indicated in the RFP Document.

We agree to abide by all the terms and conditions of the RFP document. We would hold the terms of our bid valid for 180 days as stipulated in the RFP document.

We understand you are not bound to accept any Proposal you receive.

Thanking you,

Signature
(Authorised Signatory)

Seal:
Date:
Place:
Name of the Bidder:

Place:
Date:

Signature & Seal of the Bidder

Annexure: G-6
(To be in Company letter head)

Project Citation Format

Relevant CCTV Surveillance System Experience	
General Information	
Name of the project	
Client for which the project was executed	
Name and contact details of the client	
Date of award and date of completion	
Project Details	
Description of the project	
Scope of services	
Service levels being offered	
Technologies used	
Outcomes of the project	
Other Details	
Total cost of the project	
Total cost of the services provided by the respondent	
Duration of the project (no. of months, start date, completion date, current status)	
Other relevant Information	
Copy of Work Order	

Place:
Date:

Signature & Seal of the Bidder

Annexure: G-7
(To be in Company letter head)

Undertaking on Pricing of Items of Technical Response

To,

**Managing Director
Odisha State Warehousing Corporation
Plot no: 2, Bhubaneswar Road
Bhubaneswar-751006, Odisha
Phone: 0674-2575157**

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Sir,

I/We do hereby undertake that Commercial Proposal submitted by us, against RFP Enquire No.: XXX-XXX-XXX, Date: XX-XX-2025, is inclusive of all the items in the technical proposal and is inclusive of all the clarifications provided by us on the technical proposal during the evaluation of the technical offer. We understand and agree that our Commercial Proposal is firm and final and that any clarifications sought by you and provided by us would not have any impact on the Commercial Proposal submitted by us.

Thanking you,

Signature
(Authorised Signatory)

Seal:

Date:

Place:

Place:

Date:

Signature & Seal of the Bidder

Name of the Bidder:

Annexure: G-8
(To be submitted in OEM letter head)

Manufacturers' Authorization Form (MAF)

To,

Managing Director
Odisha State Warehousing Corporation
Plot no: 2, Bhubaneswar Road
Bhubaneswar-751006, Odisha
Phone: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

We who are established and reputable manufacturers / producers of _____ having factories / development facilities at (address of factory / facility) do hereby authorize M/s _____ (Name and address of bidder) to submit a Bid, RFP Enquire No.: XXX-XXX-XXX, Date: XX-XX-2025 and sign the contract with you against the above Bid Invitation. We hereby extend our full guarantee and warranty for the Solution, Products and services offered by the above firm against this Bid Invitation. We also undertake to provide any or all of the following materials, notifications, and information pertaining to the Products manufactured or distributed by the Supplier:

- a. Such Products as the Purchaser may opt to purchase from the Supplier, provided, that this option shall not relieve the Supplier of any warranty obligations under the Contract; and
- b. in the event of termination of production of such Products:
 - i. advance notification to the Purchaser of the pending termination, in sufficient time to permit the Bank to procure needed requirements; and
 - ii. Following such termination, furnishing at no cost to the Purchaser, the blueprints, design documents, operations manuals, standards, source codes and specifications of the Products, if requested.

We duly authorize the said firm to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

Yours faithfully,

(Name)

Place:

Date:

Signature & Seal of the Bidder

(Name of Producers/Manufacturer)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. The Bidder in its Bid should include it.

Annexure: G-9

Format for Bank Guarantee for Earnest Money Deposit (EMD)

To,

Managing Director
Odisha State Warehousing Corporation
Plot no: 2, Bhubaneswar Road
Bhubaneswar-751006, Odisha
Phone: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Whereas <<Name of the bidder>> (hereinafter called 'the Bidder') has submitted the bid for Submission of RFP Enquire No.: XXX-XXX-XXX, Date: XX-XX-2025 for Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Know all Men by these presents that we <<Name of the Bidder>> having our office at <<Address>> (hereinafter called "the Bank") are bound unto the <<Nodal Agency>> (hereinafter called "the Purchaser") in the sum of Rs. <<Amount in figures>> (Rupees <<Amount in words>> only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <<Date>>

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid

Place:

Date:

Signature & Seal of the Bidder

- a. Withdraws his participation from the bid during the period of validity of bid document; or
- b. Fails or refuses to participate in the subsequent Tender process after having been short listed;

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to <<insert date>> and including <<extra time over and above mandated in the RFP>> from the last date of submission and any demand in respect thereof should reach the Bank not later than the above date.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- i) Our liability under this Bank Guarantee shall not exceed Rs. <<Amount in figures>> (Rupees <<Amount in words>> only)
- ii) This Bank Guarantee shall be valid upto <<insert date>>)
- iii) It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this Bank Guarantee that we receive a valid written claim or demand for payment under this Bank Guarantee on or before <<insert date>>) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal:

Date:

Place:

Date:

Signature & Seal of the Bidder

Annexure: G-10
(To be in Company letter head)

Financial Bid Letter

To,

Managing Director
Odisha State Warehousing Corporation
Plot no: 2, Bhubaneswar Road
Bhubaneswar-751006, Odisha
Phone: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation.

Sir,

We, the undersigned, offer to provide the service Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation, as per RFP Enquire No.: XXX-XXX-XXX, Date: XX-XX-2025 and our Proposal (Technical and Financial Proposals). Our attached Financial Proposal is for the sum of <<Amount in words and figures>> exclusive of taxes and duties.

1) PRICE AND VALIDITY

All the prices mentioned in our Tender are in accordance with the terms as specified in the RFP documents. All the prices and other terms and conditions of this Bid are valid for a period of THREE (03) years from the date of opening of the Bid.

We hereby confirm that our prices do not include any taxes and duties.

We understand that the actual payment would be made as per the existing tax rates during the time of payment.

2) UNIT RATES

We have indicated in the relevant forms enclosed, the unit rates for the purpose of on account of payment as well as for price adjustment in case of any increase to / decrease from the scope of work under the contract.

Place:

Date:

Signature & Seal of the Bidder

3) TENDER PRICING

We further confirm that the prices stated in our bid are in accordance with your clauses in RFP/Tender document.

4) QUALIFYING DATA

We confirm having submitted the information as required by you in your RFP. In case you require any other further information/ documentary proof in this regard before/during evaluation of our Tender, we agree to furnish the same in time to your satisfaction.

5) BID PRICE

We declare that our Bid Price is for the entire scope of the work as specified in the <Refer Section No.>. These prices are indicated Commercial Bid attached with our Tender as part of the Tender. In case there is substantial difference between the component wise price approved by OSWC and the price quoted by the bidder, OSWC will have the rights to ask the bidder to realign their cost without impacting the total bid price. We hereby agree to submit our offer accordingly.

6) PERFORMANCE BANK GUARANTEE

We hereby declare that in case the contract is awarded to us, we shall submit the Performance Bank Guarantee as specified in the Clause-7 of this RFP document.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e., [Date].

We understand you are not bound to accept any Proposal you receive.

We hereby declare that our Tender is made in good faith, without collusion or fraud and the information contained in the Tender is true and correct to the best of our knowledge and belief.

We understand that our Tender is binding on us and that you are not bound to accept a Tender you receive.

Thanking you,

Signature
(Authorised Signatory)

Seal:

Date:

Place:

Name of the Bidder:

Place:

Date:

Signature & Seal of the Bidder

Performance Bank Guarantee

To,

Managing Director
Odisha State Warehousing Corporation
Plot no: 2, Bhubaneswar Road
Bhubaneswar-751006, Odisha
Phone: 0674-2575157

Subject: - Selection of System Integrator for Procurement, Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha for Odisha State Warehousing Corporation.

Whereas, <<name of the supplier and address>> (hereinafter called “the bidder”) has undertaken, in pursuance of contract no. <Insert Contract No.> dated. <Date> to provide services for Selection of System Integrator for Procurement Supply, Installation and Maintenance of IP Based CCTV Surveillance System at different Godowns (Warehouses) throughout Odisha, for Odisha State Warehousing Corporation. (hereinafter called “the beneficiary”)

And whereas it has been stipulated by in the agreement that the bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the agreement;

And whereas we, <Name of Bank> a banking company incorporated and having its head /registered office at <Address of Registered Office> and having one of its office at <Address of Local Office> have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of <<Cost of Service>> in (words) and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the agreement and without cavil or argument, any sum or sums within the limits of <<Cost of Service>> (in Words) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the bidder before presenting us with the demand.

Place:

Date:

Signature & Seal of the Bidder

We further agree that no change or addition to or other modification of the terms of the agreement to be performed there under or of any of the agreement documents which may be made between you and the Bidder shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification. This Guarantee shall be valid until <<<insert date>>

Notwithstanding anything contrary contained in any law for the time being in force or banking practice, this guarantee shall not be assignable or transferable by the beneficiary i.e. OSWC. Notice or invocation by any person such as assignee, transferee or agent of beneficiary shall not be entertained by the Bank.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- i) Our liability under this bank guarantee shall not exceed <<amount>> (Amt. in words).
- ii) This bank guarantee shall be valid up to <<insert date>>.
- iii) It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this bank guarantee that we receive a valid written claim or demand for payment under this bank guarantee on or before <<insert date>> failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal:

Date:

Place:
Date:

Signature & Seal of the Bidder

Pre-Bid Queries Format**RFP-Enquire No. XXX-XXX-XXX, Date: XX-XX-2025****Name of the Company/Firm:**

Tender Fee Receipt No. _____ Dated _____ for Rs. _____ /-

Name of Person(s) Representing the Company/ Firm:

Name of Person	Designation	Email-ID(s)	Tel. Nos. & Fax Nos.

Company/Firm Contacts:

Contact Person(s)	Address for Correspondence	Email-ID(s)	Tel. Nos. & Fax Nos.

Query / Clarification Sought:

Sl.No.	RFP Page No.	RFP Clause No.	Clause Details	Query / Suggestion / Clarification

*Note: - Queries must be strictly submitted only in the prescribed format (.XLS/ .XLSX). Queries not submitted in the prescribed format will not be considered/ responded at all by the tendering authority. Also, kindly attach the colored scanned copy of the receipt towards the submission of the bidding/tender document fee. Pre-bid queries should send to the email ID - **xxx@oswc.in** and **xxx@oswc.in** as per the schedule date & time.*

Place:**Date:****Signature & Seal of the Bidder**

List of Enclosures

Sl. No.	Enclosure description	Enclosed (Yes / No)	Annexure / Attachment / Page No. / Envelop No. of the enclosure
1.	Bidder's General Information Annexure: G1		
2.	Copy of Registration Certificate of the bidder		
3.	Organization Profile		
4.	Documents proof for bidder last three years average annual turnover ending with 31 st March 2024.		
5.	Documents proof for bidder net worth should positive		
6.	Up-to-date IT Return ending with 31 st March 2024		
7.	Copy of PAN no allotted by Income Tax Department		
8.	Copy of GST Registration Certificate		
9.	Copy of valid ISO 9001, 27001 & 20000 Certifications		
10.	Self-Declaration that the bidder hasn't been black listed by any Govt./PSU (Annexure-G2)		
11.	Bidder's Authorization Certificate Annexure: G-3		
12.	Acceptance of terms and Condition Annexure-G4		
13.	Bid Document Cover Letter as per Annexure: G-5		
14.	Experience / Work completion certificates from the client with copy of the work order Annexure: G-6		
15.	Undertaking on Pricing of Items of Technical Response Annexure: G-7		
16.	Tender specific valid OEM authorized letter for all items quoted by the bidder as per Annexure: G8		
17.	Tender document fee in a sealed envelope (Super scribe Tender document fee on the top of the sealed envelope) with General Bid	DD No : Amount : Bank:	
18.	EMD amount in a sealed envelope (Super scribe EMD amount on the top of the sealed envelope) with General Bid	DD No : Amount : Bank:	
19.	If EMD in the form of Bank Guarantee Format for Bank Guarantee Annexure: G-9	BG No: Amount: Bank:	
20.	General bid duly signed (sealed envelope)		
21.	Technical specification with printed technical brochure duly signed (sealed envelope)		
22.	Financial Bid Letter as per Annexure: G-10		
23.	Commercial bid duly signed (sealed envelope)		
24.	RFP Document duly signed on each page with company sealed		
25.	OEM supporting documents as per the Clause no 15 of this RFP.		
26.	All supporting documents related to Eligibility Criteria & Technical condition.		

Place:
Date:

Signature & Seal of the Bidder

SECTION-VI
LIST OF GODOWNS (WAREHOUSES)

Place:
Date:

Signature & Seal of the Bidder

List of Warehouses (46 Nos) District Wise			
Sl. No.	District Name	No of Warehouses	Name of the depots
1	Angul	2	Angul, Boinda
2	Bolangir	0	***
3	Balasore	1	Balesore
4	Bargarh	4	Nagenapali, Kendpalli, Attbira, Godbhaga
5	Bhadrak	1	Bhadarak
6	Boudh	0	***
7	Cuttack	2	Jagatpur I, Banki
8	Deogarh	1	Deoghar
9	Dhenkanal	1	Dhenkanal
10	Gajapati	1	Parlakhemundi
11	Ganjam	0	***
12	Jagatsinghpur	2	Jagatsinghpur I & II
13	Jajpur	1	Dhanmandal
14	Jharsuguda	1	Jharsuguda
15	Kalahandi	6	Bh Patna I & II, Junagarh, Dharamagarh, Jaipatna, Kesinga
16	Kandhamal	1	Phulbani
17	Kendrapara	1	Kendrapara
18	Keonjhar	1	Anandpur
19	Khordha	1	Jatni
20	Koraput	2	Jeypore, Borigumma
21	Malkangiri	1	Malkangiri
22	Mayurbhanj	3	Baripada, Karanjia, Rairangpur
23	Nabarangpur	3	Nabrangpur, Umerkote, Raighar
24	Nayagarh	1	Nayagarh
25	Nuapada	3	Dumerpani, Khariar Road, Rajkhariar
26	Puri	1	Sakhigopal
27	Rayagada	2	Rayagada, Gunupur
28	Sambalpur	1	A Katapalli,
29	Sonepur	0	****
30	Sundargarh	2	Ujjalpur, Kutra
Grand Total		46	

Place:

Date:

Signature & Seal of the Bidder