

Response to Pre Bid queries received against RFP Selection for System Integrator for Wildlife Surveillance & Anti-Poaching System (National Chambal Sanctuary) in Rajasthan Including Operation & Maintenance for a Period of Five Years

NIB Reference No.: F4.3(519)/RISL/Tech/2022/1533, Date 22-06-2026

Sr.No.	Page No.	RFP Clause Referen	Existing Clause	Query/Suggestion/ Clarification from bidder	Remarks
1	Page 19	4.1.2	The selected bidder shall integrate the Cameras with existng ICCC & VMS to provide the below mentioned features without any additional cost to RISL.	Request you to clarify whether new VMS can be proposed or not? And also, incase of new VMS do we require to integrate existing VMS?	Please Refer Updated RFP.
2	Page 19	4.1.2	The System should be able to Identify individual tigers from stripe patterns in close quarters	Request you to relax this clause as this VA use case is not available as standard out of the box offering and may restrict wider OEM participation.	Please Refer Updated RFP.
3	Page 19	4.1.2	The System should be able to provide GPS location and distance from the tower of the detected animals, people, vehicles,incident etc.	Request you to clarify if this is required from CCC application or VMS/VA aplication?	Please Refer Updated RFP.
4	Page 131	Annexure 20, S.No.	Language Support: VMS software shall be able to provide Standard Operating Procedures to operators in both English and Hindi Language	Mandatory Hindi language support limits wider OEM participation. Hence, it is requested to remove the requirement for Hindi language support from the clause.	Please Refer Updated RFP
5	Page 134	Annexure 20, S.No.	Fully featured Remote Client: The VMS client (CCC Workstation and tablets & mobiles of field staff) software shall have the same functionality when connected remotely as it does when it is run locally on the same computer as the server software.	As per industry standard mobile clients are restricted to live, playback and events notification etc to limit resource usage on mobile device whereas workstation client or thick client has full fledged features.	Please Refer Updated RFP
6	Page 134	Annexure 20, S.No.	Advanced Video Search: • Software shall have a feature to control object attributes (e.g. size, direction, color, speed) so that hours of video can be reviewed in minutes • 1-click event selection indexes back to original video • Bookmark and annotate objects for team collaboration	Speed-based filtering is not a standard metadata search attribute supported across commercial-off-the-shelf (COTS) VMS platforms and is highly dependent on the underlying video analytics engine, camera	Please Refer Updated RFP

7	12 & 70		Project Profile mentions expansion at 5 sanctuaries with 15 Onsite Setups whereas Annexure-8 BOQ specifies quantities corresponding to 25 Onsite Setups.	Kindly clarify whether BOQ quantities are final and contractual or only 15 onsite setups are included. If additional sites are included, provide location-wise breakup.	Please Refer Updated RFP.
8	18		Solution shall be designed considering optimum utilization of existing infrastructure.	Confirm SI may propose optimized wireless architecture (PTP/PtMP/Hybrid) based on RF survey subject to meeting performance requirements	As per RFP.
9	19		List of items/equipment may vary according to actual requirement and existing infrastructure	Clarify whether additional quantities arising out of approved site survey shall be paid through Change Request/Variation Order.	As Per RFP
10	21 & 70		O&M clause refers to existing WS&APS components whereas BOQ contains only new supply.	Clarify whether O&M of existing installations is included or shall be ordered separately.	Please Refer Updated RFP.
11	29		STQC Compliance for applicable edge devices including network components.	Clarify equipment categories for which STQC is mandatory and whether switches/radios/servers/UPS/solar require STQC.	Please Refer Updated RFP.
12	70		BOQ provides 3 Modular Containers whereas Project Profile mentions 5 Local CCCs.	Clarify whether only 3 new containers are to be supplied and remaining CCCs use existing infrastructure.	As Per RFP

13	70		Radio Setup – 2 Nos. per Onsite Setup.	Confirm equivalent wireless architecture (PTP/PtMP/Hybrid) meeting specifications is acceptable.	As Per RFP
14	9		Bid Security – 2% estimated procurement cost; 0.5% for SSI Unit of Rajasthan.	Clarify Bid Security exemption/relaxation for Rajasthan MSME Manufacturing & Services Udyam registered bidders having registered office in Jaipur under prevailing MSME policy.	Please Refer Updated RFP.
15	14		Average annual turnover requirement Rs.45 Crore.	Kindly reduce turnover requirement to Rs.30 Crore or provide relaxation to eligible Rajasthan MSMEs with proven surveillance project experience.	As Per RFP
16	15		Experience of CCTV Surveillance Project of Rs.10 Crore or above.	Clarify whether Government Empanelment/Rate Contract/Framework Agreement with executed value exceeding Rs.10 Crore supported by completion/CA certificate is acceptable.	As Per RFP
17	12,20 & 70		Project profile mentions UAV Setup but BOQ does not include UAV items.	Clarify whether UAVs, accessories, DGCA compliance, pilot training and SITC are in bidder's scope or only integration with existing UAV system.	Please Refer Updated RFP.
18	12 & 131		Integrated Mission Planning and UAV Monitoring Software.	Clarify whether Mission Planning & UAV Monitoring Software shall be independent OEM software or integrated into VMS/CCC through API/SDK and whether separate licensing is required.	Please Refer Updated RFP.

19	4.10 – STQC Compliance (Mandatory)		"The SI shall ensure that all deployed components comply with applicable Government of India cyber security and surveillance standards, including MHA guidelines for CCTV/Video Surveillance, MeitY guidelines for IP-based surveillance devices. All applicable edge devices (including cameras and network components) shall comply with BIS & STQC certification requirements, wherever	We request the clause be revised to read: "All applicable edge devices (including cameras and network components) shall comply with BIS or STQC certification requirements, wherever mandated."	Please Refer Updated RFP.
20	137	Local Command & C	Software/ application should accommodate and manage different types of alerts from VMS/ Edge sensors/ AI/ML components of existing application of WS&APS or other application	As per our understanding, the bidder's scope is limited to supplying, installing, commissioning, and integrating the surveillance camera feeds with the existing Command & Control Centre (CCC)/ICCC	Please Refer Updated RFP.
21	80	Item No. 11:	Cameras/ Sensors: Observable Thermal with Clear vision PTZ assembly with embedded Video Encoder	Since Thermal PTZ Cameras are specialized surveillance equipment and STQC-certified models are generally not available from most leading OEMs, it is requested to permit BIS-certified Thermal PTZ	As Per RFP
22	78	Item No.8: Solar Sol	Solar Solution: OEM's service center or OEM's authorized service center in Rajasthan.	The RFP stipulates that the Solar PV System OEM should have its own or an authorized service centre located within the State of Rajasthan. This requirement may limit participation of otherwise eligible OEMs.	Please Refer Updated RFP.
23	14	Section 3: Pre-Qualification criteria of the bidder	The net worth of the bidder or both consortium partners should be Positive and profit making as per last audited balance sheet.	We request you to kindly make the below changes as all others tenders of RISL is asking for below clause: Financial: Net Worth: The net worth of the bidder or both consortium partners should be Positive as per last audited balance sheet.	Please Refer Updated RFP.
24	16	Section 3: Pre-Qualification criteria of the bidder	Bidder or both consortium partner should: - a) not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of the foregoing reasons; b) not have, and their directors and officers not have, been	We request you to kindly consider the attached Revised Self certified letter of Annexure -4 self declaration against this clause.	As Per RFP

25	55	7. SPECIAL TERMS AND CONDITIONS	7.1. Payment Terms and Schedule a) Payment schedule	We request you to kindly make the changes in payment terms as per the adjoining Tab	As Per RFP
26	Section 3.1, Criteria	Technical Experience	Note 2 under Criterion 4 states that projects executed within the bidder's own company, group of companies, or JV companies shall not be considered.	Please confirm whether projects executed by a bidder for a client that is a Government PSU (but where the bidder holds no equity stake) will be fully accepted as eligible experience.	As Per RFP
27	Section 3.1, Criteria	Consortium Composition	The RFP restricts the consortium to a maximum of two members (Section 3.1) but Clause 6.4 allows joint venture, consortium or association.	The project covers civil work, IT infrastructure, solar power, UAV operations, and software – which typically warrants more than two specialized parties. Request to increase the consortium	As Per RFP
28	Section 4.1.1	Number and Location of Sites	The RFP does not specify the total number of sites/locations under National Chambal Sanctuary where the WS&APS infrastructure is to be deployed. This significantly impacts CAPEX and OPEX pricing.	Request RISL to disclose: (a) The total number of onsite setups (towers/poles) to be deployed; (b) The number of Local Command & Control Centers (Local CCCs); (c) Approximate distances between	Please Refer Updated RFP.
29	Section 4.1.2	Electricity Connection	Section 4.1.2 states that the required electricity connection at Local CCC will be arranged by RISL/user department up to the nearest electricity meter point, and from that point onwards all work shall be done by the bidder.	However, in deep forest/sanctuary areas, the nearest electricity meter point may be several kilometers away. (a) Kindly clarify What is the maximum distance the bidder must cover from the electricity meter to	Please Refer Updated RFP.
30	Section 4.1.2	5-Year Warranty on Hardware/Software	The RFP mandates five-year comprehensive OEM warranty on all supplied hardware/software from the date of Go-Live.	For certain high-wear items such as batteries, DG sets, and solar panels, standard OEM warranty periods are typically 1–3 years. Kindly clarify will RISL accept Comprehensive Annual Maintenance Contract (CAMC) from	As Per RFP

31	Section 4.1.2	Tiger Individual Id	The RFP mandates that the system should be able to identify individual tigers from stripe patterns in close quarters.	This is a highly specialized AI capability currently limited to a few research-grade platforms globally. (a) Is this a mandatory requirement or a desired/indicative feature? (b) What is the acceptable accuracy threshold	Please Refer Updated RFP.
32	Section 4.1.2 & A	Integration with Ex	The RFP references integration with existing ICCC and VMS (WS&APS Phase-III)	Kindly clarify (a) What is the current technology stack/platform of the existing ICCC and VMS? (b) What APIs or integration interfaces are available? (c) Who is the incumbent vendor for Phase-III and will they	Please Refer Updated RFP.
33	Section 4.7 & Sec	UAV Pilot Licensing	The RFP includes UAV setup and requires the SI to provide requisite support to UAV pilots.	Operating UAVs in a wildlife sanctuary (eco-sensitive zone) requires DGCA approval, NPNT compliance, and potentially Wildlife Department/Ministry of Environment clearances. (a) Who is responsible for	Please Refer Updated RFP.
34	Annexure-11 & S	BIS/STQC Certificat	Section 4.10 mandates BIS & STQC certification for all applicable edge devices including cameras and network components.	Kindly clarifu (a) Please specify which exact items in the BOM (Annexure-8) require BIS/STQC certification. (b) For items where BIS-certified equivalents are not available in the market (e.g., specialized thermal cameras, long-	Please Refer Updated RFP.
35	Annexure-11	Solar Solution – 30-	The RFP mandates a solar solution providing minimum 30 hours of backup at 300W load, operational up to 60°C, and stable at wind speeds up to 180 km/hr.	Kindly clarify (a) Is this backup requirement applicable to all onsite setups including remote forest towers? (b) What is the average daily peak sun-hours assumed for the Chambal region for sizing the solar	As Per RFP
36	Annexure-22 & 2	Tower/Foundation	Annexure-22 provides indicative tower and foundation design standards. The payment milestone (Section 7.1, Milestone 5) requires submission of soil testing reports and approved drawings.	Kindly Clarify (a) Who is responsible for conducting soil testing – the SI or RISL? (b) Will RISL provide geotechnical/soil reports for each tower location prior to award, or must the SI conduct tests post-award	As Per RFP

37	Section 7.1 – Pay	Payment Milestone	Milestone 4 provides 40% of CAPEX payment upon supply and delivery (delivery challans, serial number list, invoices).	However, the timeline T4 = T1 + 240 Days combines supply AND installation/commissioning activities. Request RISL to split Milestone 4 into two sub-milestones: (a) 20% on delivery/supply, and (b) 20% on	As Per RFP
38	Section 7.1 – Pay	Last Quarter Payme	Section 7.1(H) states that the last quarter's O&M payment will be released only after RISL's decision on continued maintenance and handover of all intellectual assets.	This effectively creates an indefinite payment hold at contract end. (a) Within what maximum number of days after contract expiry will the last quarter's payment be released? (b) What is the process if RISL does not	As Per RFP
39	Section 5.9 & NIE	Bid Security – 2% of	The Bid Security is 2% of the estimated cost, i.e., Rs. 80 Lakhs.	This is a significant upfront cost for a draft RFP. (a) Please confirm the exact EMD amount once the final RFP is published. (b) Will RISL accept an EMD in the form of a Bank Guarantee from any scheduled commercial	Please Refer Updated RFP.
40	Section 5.25 & 5.	Performance Securi	The RFP specifies a Performance Security of 5% of contract value (Section 5.25) and an Additional Performance Security (Section 5.26) for bids below a certain threshold.	Kindly clarify (a) What is the exact Additional Performance Security percentage and the L1 price threshold that triggers it? (b) Will the Performance Security be returned proportionally after each O&M year,	Please Refer Updated RFP.
41	Section 7.2.1	SLA for Force Majeu	Section 7.2.1 notes that in extreme conditions, the resolution timeline is up to 2 days from end of the extreme condition.	Kindly Define 'extreme condition' criteria clearly, allow self-certification with evidence, and confirm whether monsoon season carries blanket SLA relaxation. As The Chambal region is prone to	As Per RFP
42	Section 7.2.2	Manpower Replace	Section 7.2.2 states that replacement of resources is generally not allowed and imposes significant penalties.	For a 5-year+ contract in forest locations, mandatory replacement (attrition, health, career progression) is inevitable. (a) The penalty of Rs. 10,000 per resource for exit within 6 months seems disproportionate for	As Per RFP

43	Section 7.3	Penalty Capping – A	Section 7.3 caps infrastructure/software SLA penalties at 20% of quarterly payment and total penalties (including manpower) at 100% of quarterly payment.	A 100% penalty cap effectively means full forfeiture of quarterly revenue, which defeats the purpose of a cap. Request RISL to cap total quarterly penalties (including manpower penalties) at 30% of the	As Per RFP
44	Section 4.9 & Milestone 3	Solution Design Approval	Milestone 3 requires submission of the solution design document within 45 days of Agreement, and Milestone 4 (supply & deployment) commences from T3.	However, no timeline is specified for RISL's approval of the solution design document. If RISL approval is delayed, the T4 timeline will be impacted. (a) Within how many days of submission will RISL approve or	As Per RFP
45	Section 6.18 & Sub-contracting	Sub-Contracting – C	Given that the project requires civil work (tower foundations, container rooms, fencing) and electrical work (underground cabling, DG sets, earthing) in addition to IT, the SI will necessarily engage sub-contractors for specialized civil/electrical activities.	Kindly clarify (a) Does RISL allow sub-contracting of civil, electrical, and structural work? (b) Is prior approval required from RISL for each sub-contractor? (c) Will sub-contractor experience be allowed to supplement	As Per RFP
46	General	General	General	There are certain analytics asked in RFP to be implemented but there is no line item in the BoQ for the same. Similarly, in case of VMS and ICC, functionality is asked, but no line item is in the BoQ.	As Per RFP
47	General	General	General	The video wall display matrix is not mentioned in the RFP Kindly Suggest the Matrix Size.	As Per RFP
48	56	7.1 Payment Terms	1. No payment is applicable upon Agreement Signing. 2. No payment is applicable after submission and approval of the Study & Design of WS&APS Infrastructure Components. 3. 40% of BOQ-1 shall be released after successful supply and deployment of WS&APS Infrastructure Components. 4. 30% of BOQ-1 shall be released after commissioning, UAT,	1. Release 10% payment upon Agreement Signing. 2. Release 10% payment after submission and approval of the Study & Design of WS&APS Infrastructure Components.	As Per RFP

49		7.1 Payment Terms	General	Please define the timeline within which payment will be released. We propose that payment be released within 30 days of submission of the RA Bill.	As Per RFP
50		7.1 Payment Terms	General	To ensure smooth cash flow, please allow pro rata payments against supply and installation activities.	As Per RFP
51	55	7.1. Payment Terms	Milestone #4 - Undertake activities Men-tioned in Scope of Work Section 4.1.2 to 4.6 Deliverable (Reports/ Documents) - Supply of items (Delivery Challans, Item-wise Serial Number List of supplied equipment, Invoices, Verifi-cation Report signed by RISL/DOIT&C/TPA. Time Schedule - T4 = T3 + 240 Days Payment Schedule - 40 % of Quoted cost of items supplied at respective location under BOQ1 of Fi-nancial Bid (Capex)	We request to revise the payment schedule as below. Milestone #4 - Undertake ac-tivities Men-tioned in Scope of Work Section 4.1.2 to 4.6 Deliverable (Reports/ Documents) - ☐ Supply of items (Delivery Challans, Item-wise Serial Number List of supplied equipment, Invoices, Verifi-	As Per RFP
52	56	7.1. Payment Terms	Milestone #6 - Undertake ac-tivities Men-tioned in Scope of Work Section 4.7 Deliverable (Reports/ Documents) - 1. Quarterly satisfactory per-formance reports including report on Bugs/ Problems/ Complaints reported and resolved	We request to revise the payment schedule as below. Milestone #6 - Undertake ac-tivities Men-tioned in Scope of Work Section 4.7	As Per RFP
53	131	Annexure-20, SI.	Integration with existing/upcoming third-party applications including existing WS&APS Phase-3 VMS (ICCC integration). Integration with VMS of WS&APS Phase-III to be done by SI.	Please disclose the existing WS&APS Phase-I/II/III VMS OEM/platform details and provide API/SDK documentation. Also confirm whether the proposed VMS must be the same OEM or whether a new VMS platform with federation/integration capability is acceptable.	Please Refer Updated RFP.

54	19	SOW Section 4.2	Integration of commissioned solution with ICC, RSWAN, FMDSS and other state applications using available APIs/interfaces.	Please provide the interface specifications for RSWAN, ICC, FMDSS and all third-party systems, including APIs, protocols, bandwidth, VLAN, and IP addressing requirements. This is required for	Please Refer Updated RFP.
55	131	Annexure-20, SI.No	AI Analytics including species identification, anomaly wildlife movement, intrusion detection, fire detection, Critical Path Optimization, etc.	Please provide the AI training dataset, acceptance criteria, minimum analytics accuracy, and confirm whether COTS AI models are acceptable or a custom-trained model is mandatory.	Please Refer Updated RFP.
56	70	Annexure-8 / Annex	Rack Server with Storage – 300TB usable storage for recording minimum 200 cameras.	Please confirm whether the recording capacity of 200 cameras is per CCC or for the overall project. Also clarify the recording storage sizing methodology and design intent.	As Per RFP
57	74	Annexure-11 Item N	GPU Based Server with Nvidia RTX A4000 / Nvidia A2 or equivalent.	Please confirm the preferred GPU server architecture, supported operating system, and AI workload sizing. Also clarify whether the specified GPU configuration is sufficient for the required analytics	As Per RFP
58	74	Annexure-11 Item N	Wireless communication system with 1 Gbps throughput over 10 km and non-Wi-Fi radio technology.	Please clarify the required wireless architecture, acceptable radio technology, and whether proprietary TDMA or licensed microwave solutions are acceptable to meet the required throughput and reliability.	As Per RFP
59	74	Annexure-11 Item N	Outdoor Switch with LR SFP uplinks.	Please confirm whether fiber connectivity between onsite towers and CCC is within the SI scope. If yes, kindly provide the OFC topology, route details, quantities, and include the required fiber BOQ.	As Per RFP

60	74	Annexure-11 Item 1	40-ft Modular Container with Precision Air Conditioning.	Please clarify the modular container deployment requirements, including IT heat load, HVAC sizing criteria, rack layout, fire suppression system, and infrastructure design requirements.	As Per RFP
61	74	Annexure-8 / Annexure-11 Item 2	Solar Power System with 5 KVA MPPT inverter, 30-hour backup, Lithium-ion batteries and PCU redundancy.	Please clarify the complete Solar Power System architecture, including PCU redundancy (N+1/Parallel), standard site load calculation, acceptable battery technology, and battery sizing criteria.	Please Refer Updated RFP
62	74	Annexure-11 Item 3	Geo-location of detected objects with distance from camera.	Please clarify whether geo-location is a camera-based feature or an application/VMS feature. Also specify the required geo-location accuracy and acceptable implementation methodology.	Please Refer Updated RFP.
63	c	4. SCOPE OF WORK, Item 1	Entire Scope of Work	The Scope of Work mentions study, design, customization and deployment of WS&APS software. However, no separate line item for supply/subscription/licensing of WS&APS application software is available in the BOQ. Please clarify whether the bidder is required to supply the WS&APS application/software and associated licenses include VMS, or whether an existing WS&APS application/platform include VMS shall be provided by the Department and the bidder is only required to integrate and operate the same.	Please Refer Updated RFP.
64	70	ANNEXURE-8-BILL OF MATERIAL, Item 1	Entire Bill of Material		

65	19	4.1.2 Supply and De	The selected bidder shall ensure that any point of time diesel for 8 hours running of Command Centre (CCC) should be available in the tank of DG set.	The RFP/BOQ includes supply of DG Sets and O&M of supplied items for five years. However, no separate BOQ line item or clause is available for diesel/fuel cost reimbursement for DG Set operation.	As Per RFP
66	80-82	Camera / sensor Th	Thermal Cameras are required STQC Compliant mandatory	Major OEMS don't have STQC of Thermal Cameras	As Per RFP
				Non-STQC Models of thermal Camera allowed to quote	As Per RFP
67	19	4.1	The selected bidder shall integrate the Cameras with existng ICC & VMS to provide the below mentioned features without any additional cost to RISL	Kindly provide the details of existing ICC & VMS Software for estimating the efforts required for integration	Please Refer Updated RFP.
68	21	4.6.e	Atleast 10 forest officials for each site shall be trained on entire supplied solution. Subsequently during warranty support period the selected bidder may be required to provide additional trainings due to change in manpower.	Kindly confirm the number of trainings as well as number of officials to whom training is to be provided during Warranty support period.	As Per RFP
69	21	4.7	The selected bidder may also be asked to provide O&M services for the existing components of the WS&APS solution, if required.	We assume that customer will pay additionally for the O&M services for the existing components. Is our assumption correct?	Please Refer Updated RFP.

70	21	4.7	The selected Bidder has to provide centralized helpdesk which will work as a single point of contact for complaint management & resolution for all the users of the WS&APS deployed at each location. The helpdesk shall be de-signed to meet the SLA response & resolution timelines.	There is no mention of a Helpdesk solution in the BoQ provided. Also, there is no mention of such requirement in either Annexure-8 (BoM) or Annexure -11 - Technical specifications.	Please Refer Updated RFP.
71	21-23	4.7	Operation & Maintenance Services for Deployed WS&APS Infrastructure	Kindly confirm whether the bidder has to provide the various applications mentioned from page no 21 to 23. If yes, the same should be reflected in the BOQ. Kindly update.	Please Refer Updated RFP.
72	21-23	4.7.d.a	Date and time of all edge equipment shall be synchronized with Local and Divisional / Central Control room	We assume that the customer is asking for clock synchronisation using the IT systems acting as NTP servers. Is our assumption correct or do we need to provide a Master Clock for synchronisation of all the Central &	As Per RFP
73	23	4.7.f	Network Management Services	Again, NMS is not mentioned as part of BoQ. Kindly update the BoQ accordingly	As Per RFP
74	46	6.18	Subcontracting	Subcontracting may be allowed for civil works like tower erection, cable laying etc.	As Per RFP
75	55	7.1	Payment Terms and Schedule	We request payment of Mobilisation Advance of 10% against BG may be allowed for the bidder for a positive Cash Flow.	As Per RFP

76	72	Annexure-9	Note: MAF from OEM and Model is not required for cables, connectors & accessories.	Kindly add Monitoring Room Chair & Cabinet in the list of items for which Make & Model is not required as these are COTS items.	Please Refer Updated RFP.
77	72	Annexure-9	COMPONENTS OFFERED – BOM - Please attach Technical specifications compliance sheet (on Bidder's letter head only) and provide reference num-ber in this column.	There is no column for giving reference to Technical specifications compliance sheet reference in Make & Model Sheet. Kindly update the sheet accordingly.	As Per RFP
78	88	Annexure-11, Item I	The OEM should exist in the magic quadrant for the wired and wireless LAN access infrastructure of Gartner in 2024 or 2025.	This seems to be a contradictory clause considering the Government of India's initiative for Make in India. Most of the MII OEMs will not be able to meet this requirement and most of the OEMs who fulfill this requirement will not be able to meet the MeiTy guidelines for STQC & Trusted Telecom Portal. Request you to remove this clause.	As Per RFP
79	91	Annexure-11, Item I	Design Requirements: +B4:B42	This seems to be a typographic error. Kindly correct the same.	Please Refer Updated RFP.
80	100	Annexure-11, Item I	The OEM should be a leader in the Gartner Magic Quadrant	This seems to be a contradictory clause considering the Government of India's initiative for Make in India. Most of the MII OEMs will not be able to meet this requirement. Request you to remove this clause to	As Per RFP
81	102	Annexure-11, Item I	The OEM should exist in the magic quadrant for the wired and wireless LAN access infrastructure of Gartner in 2024 or 2025	This seems to be a contradictory clause considering the Government of India's initiative for Make in India. Most of the MII OEMs will not be able to meet this requirement and most of the OEMs who fulfill this	As Per RFP

82	78	Item No.8: Solar Solution	The tender specifies a 5 kVA Solar PCU.	Kindly confirm whether a modular solution comprising the following configuration is acceptable, provided the overall system capacity, functionality, redundancy, reliability, availability, and performance meet	As Per RFP
83	78	Item No.8: Solar Solution	The tender specifies 400 W or higher Solar PV Modules.	Kindly confirm whether 580 W N-Type TOPCon Monocrystalline Bifacial Solar PV Modules are acceptable, as they: •Reduce the total number of solar modules	As Per RFP
84	78	Item No.8: Solar Solution	Confirmation of Battery Sizing Criteria	To ensure proper battery sizing, kindly confirm the following design assumptions: •Battery Technology : Lithium-ion / LiFePO₄ •Battery Depth of Discharge (DoD) :	As Per RFP
85	78	Item No.8: Solar Solution	Acceptance of Installation Methodology	Kindly confirm that the following installation methodology is acceptable for all project locations. •Ground Mounted Solar PV System •Hot Dip Galvanized Solar Module Mounting Structure	As Per RFP
86	78	Item No.8: Solar Solution	Acceptance of Equivalent Technical Solution	Query: Kindly confirm that technically equivalent or superior products and system configurations meeting or exceeding all functional and performance requirements specified	As Per RFP
87	86	Annexure A, Item No.8	Throughput: Aggregate Minimum throughput of 1Gbps) on the distance of 10 KM or more	Request you to pls modify the Minimum throughput to 800 Gbps	As Per RFP

88	86	Annexure A, Item N	The Radio should support 2x20, 2x40 and 2x80MHz non-contiguous channel (4-Streams). The parameters must be user configurable.	This is a restrictive clause. Request you to kindly remove the same to make other	Please Refer Updated RFP.
89	86	Annexure A, Item N	Modulation: The Radio should support OFDM MIMO 4x4 with BPSK, QPSK, 16QAM, 64QAM and 256QAM modulations	Request you to kindly modify the clause as below to maximise the participation: " The Radio should support OFDM MIMO 2x2 with BPSK, QPSK, 16QAM, 64QAM and 256QAM modulations"	Please Refer Updated RFP.
90	131	Annexure 20	Item: Video Management and Command & Control Center Suite: Phase-3 VMS and Command & Control	Kindly confirm whether bidder has to provide any kind of software in this RFP.	Please Refer Updated RFP.
91	91	Annexure A, Item No 20 &	Physical Specifications: Internal Server Rack - 42U, 19"- H2000 x W600x D1200 mm Internal Network Rack - 42U, 19" – H2000x W800 xD1200 mm	Rack usually comes with dimensions 600x1200 for Server Rack & 750x1200 for Network Rack with height not exceeding 1991mm. Request you to kindly modify the same.	Please Refer Updated RFP.
92	93	Annexure A, Item No 20 &	The manufacturer shall provide optional products and accessories to allow the cabinet environment to be monitored for temperature, humidity, and Acces control (Biometric)	Biometric can be integrated separately with the rack. Request you to kindly remove this requirement.	Please Refer Updated RFP.
93	94	Annexure A, Item No 20 &	Outlets: The Rack PDU shall have twenty-one (21) C13 outlets and three (3) C19 locking outlets. A green LED for each outlet turns on when the outlet is energized.	Request you to remove LED requirement for maximum OEM participation	As Per RFP

94	102	Annexure A, Item No 28	Internal DVD Writer	DVD Writer is an obsolete technology and current PC / Laptops do not come with in-built DVD Writers. Request you to delete this clause.	Please Refer Updated RFP.
95	102	Annexure A, Item No 28	Cabinet: Mini Tower with Tool less chassis	Kindly allow bidder to quote either Tower based or rack based PC	As Per RFP
96	14/165	3.QUALIFICATION/ Eligibility 3.1. Pre-Qualification	Average annual turnover of the bidder/ either of consortium partners should be at least Rs 45 Crore from IT/ ITes* during the last three financial years (FY's, 2022-23, 2023-24 & 2024-25 OR FY's, 2023-24, 2024-25, 2025-26) as per last audited balance sheet	We understand that estimated project value is Rs. 40Crores and asked minimum turnover is almost the same value ie 45Crores. The bidder shall have atleast thrice the turnover of the estimated project value ie. Minimum 150crore so as the End User ie RISL has conformity that in case of any delay, force majeure etc the bidder is able to cater and service the project due to its financial stability.	As Per RFP
97	55/165	7.1 Payment Terms	Supply of items (Delivery Challans, Item-wise Serial Number List of supplied equipment, Invoices, Verification Report signed by RISL/DOIT&C/TP	Since this is heavy capex driven project for the bidder and its OEM's. Hence we request you to kindly amend it as below : Signed Agreement - 5% Joining Report	As Per RFP
98	82/165	Item No. 11: Observations	Certifications: The bidder shall submit valid CE, FCC, RoHS at the bid submission time. STQC certification and BIS Certification may be submitted subsequently but shall be mandatory before supply/delivery of the product.	As of now STQC is not available for Thermal Camera's, and there is no certainty on the timelines of the same, hence request you to kindly mention/ask for OEM letter on the timelines of STQC to be made	As Per RFP

99	NA	NA	NA	Request you to kindly provide details of the previous project OEM's installed as this would be required at the time of integration scope. As the VMS and ICCS is already running in the previous project.	As Per RFP
100	Page 1 of 165	RFP Title / Invitation	DRAFT RFP Selection for System Integrator for Wildlife Surveillance & Anti Poaching System (National Chambal Sanctuary) in Rajasthan including Operation & Maintenance for a Period of Five Years based on Competitive Bidding through e Procurement/e Tender	The tender document is titled as " Draft RFP ". Kindly clarify whether this document is the final tender document intended for submission of bids , or whether it has been issued only for obtaining industry	Please Refer Updated RFP.
101	Page 9 and Page	IFB/NIB - Bid Security	Bid security is prescribed as 2% of the estimated procurement cost, 0.5% for S.S.I. unit of Rajasthan, and 1% for certain Sick Industries. Mode of payment is Banker's Cheque/Demand Draft/Bank Guarantee. Clause 5.9 states that every bidder, if not exempted, is required to furnish bid security as specified in the NIB.	We request the Authority to specifically allow EMD/Bid Security exemption for eligible MSME/Udyam registered units and/or NSIC registered bidders, as applicable under prevailing	Please Refer Updated RFP.
102	Page 12 of 165	2. PROJECT PROFILE	The analysis includes but not limited to intrusion detection, line crossing, motion detection but also poaching prevention algorithms like Critical Path Optimization, anomaly wildlife movement, species identification/ tagging etc	Since Video Analytics licensing significantly impacts commercial evaluation, it is requested that the Authority specify the required analytics channel count/location-wise . This will ensure all bidders	Please Refer Updated RFP.
103	Page 12 of 165	2. PROJECT PROFILE	Poaching prevention algorithms like Critical Path Optimization, anomaly wildlife movement, species identification/ tagging etc.	It is requested that the Authority clearly define the minimum AI analytics requirements, target wildlife species, performance criteria and acceptance methodology to facilitate objective	Please Refer Updated RFP.
104	Page 14 of 165	Clause 3.1, S. No. 2	Average annual turnover of the bidder/either consortium partner should be at least Rs. 45 Crore from IT/ITeS during the last three financial years (FY 2022-23, 2023-24 & 2024-25 OR FY 2023-24, 2024-25, 2025-26) as per last audited balance sheet.	We request the Authority to reduce the minimum average annual turnover requirement from Rs. 45 Crore to Rs. 35 Crore from IT/ITeS during the last three financial years. The estimated procurement cost of	As Per RFP

105	Page 14 of 165	Clause 3.1, S. No. 2	Turnover may be considered for FY 2023-24, 2024-25 and 2025-26 as per last audited balance sheet, supported by CA Certificate with CA registration number/seal and UDIN.	We request the Authority to allow CA certified provisional financial statements/turnover certificate with UDIN for FY 2025-26, in case audited financial statements for FY 2025-26 are not finalized by the bid	As Per RFP
106	Page 15 of 165	Clause 3.1, S. No. 4	The bidder or consortium partner must have successfully commissioned a CCTV based Surveillance Project from FY 2020-21 till last date of bid submission for any Government Department / Government Agency / PSU in India for supply, installation, commissioning and maintenance of IP cameras along with VMS and integration with NOC/Command Center, with minimum work order	We request the Authority to also allow experience of projects executed for EPC contractors/main contractors where the ultimate/end client is a Government Department, Government Agency or PSU in India,	As Per RFP
107	Page 19 of 165	4.1.2 Supply and De	The selected bidder shall ensure that any point of time diesel for 8 hours running of Command Centre (CCC) should be available in the tank of DG set.	We understand that the recurring diesel/fuel expenses for operation of the DG Set during the warranty and O&M period shall be borne by RISL/User Department , while the System Integrator shall be	As Per RFP
108	Page 19 of 165	Clause 4.2 – Integration	The Site Existing/Upcoming Third Party Applications including RAJDHARAA, GIS, SSO, FMDSS, RAAS, State Portal, Dashboards, VMS etc., as and when required. However, interface/API specifications and commercial scope are not defined.	The RFP envisages integration with multiple existing and future applications throughout the contract period . We request the Authority to clearly define the commercial scope of future integrations and confirm	As Per RFP
109	Page 19 of 165	Clause 4.1.2 – Suppl	The selected bidder shall take all necessary actions to prevent damage to equipment arising from Theft, Vandalism, high voltage surges, failure of cooling systems, lightning, and adverse weather conditions including floods and thunderstorms, and shall be solely responsible for the repair, maintenance, or replacement of any damaged or burned	Considering that the project sites are located in remote forest areas where theft, vandalism or deliberate damage by illegal encroachers, poachers or mining operators may occur despite adequate preventive	As Per RFP
110	Page 19 of 165	4. SCOPE OF WORK,	The selected bidder shall ensure availability of feeds of all cameras atleast for 15 days and all inci-dents/cases/alert logs with videos/images atleast for 5 year.	It is requested that standardized recording parameters and storage retention requirements be specified for all camera categories to ensure uniform sizing and commercial evaluation.	As Per RFP

111	Page 29 of 165	4. SCOPE OF WORK,	The SI shall ensure that all deployed components comply with applicable Government of India cyber security and surveillance standards, including: • Ministry of Home Affairs (MHA) guidelines for CCTV/Video Surveillance • MeitY guidelines for IP-based surveillance devices	It is requested that software compliance requirements be clarified separately from hardware. For software, compliance through applicable STQC Essential Requirements, CERT-In empanelled	Please Refer Updated RFP.
112	Page 49 of 165	6.28. Extension in D	Normally, extension in delivery period of goods and service in following circumstances may be considered without liquidated damages: a. When delay has occurred due to delay in supply of drawings, designs, plans etc. if the user department or RISL was required to supply them to the supplier of goods or	We request the Authority to define a suitable compensation and time-extension mechanism in case project execution is delayed due to reasons beyond the control of the System Integrator, such as Government	As Per RFP
113	Page 72 of 165	Annexure-9 – Comp	The RFP mentions that MAF from OEM and Model is not required for cables, connectors and accessories. However, it is silent regarding several passive infrastructure items.	The RFP exempts MAF submission only for cables, connectors and accessories. We request the Authority to clarify whether Manufacturer Authorization Form (MAF) is required only for active	Please Refer Updated RFP.
114	Page 80 of 165	ANNEXURE-11-TECH	1.4. Thermal Video Sensor Range- Atleast 8 KMs to detect Vehicle or better	It is requested that the minimum thermal lens specification also be specified since thermal performance depends on sensor and optics together.	As Per RFP
115	Page 81 of 165	ANNEXURE-11-TECH	7. Geo location (geo coordinates) of an object with distance from the camera is required for solution. The OEM with SI will provide all requisite features in the solution.	Kindly clarify whether geo-coordinate generation for the Bullet Camera may be achieved through the integrated analytics platform.	Please Refer Updated RFP.
116	80 of 165	ANNEXURE-11-TECH	1.4 Thermal Video Sensor Range- Atleast 8 KMs to detect Vehicle or better	Kindly request you to amend the same to : Thermal Video Sensor Range- Atleast 3 KMs or more to detect Vehicle or better	As Per RFP

117	81 of 165	ANNEXURE-11-TECH	1.10. Should provide hottest and coldest points in it's view with On board Analytics: Tripwire / Intrusion, Fire De-tection, Auto Tracking, Auto tracking of the hottest spot and the coldest spot in the thermal image	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do nt have edge based Analytics with STQC	As Per RFP
118	81 of 165	ANNEXURE-11-TECH	Alarm Input & output port: RS-485, Ethernet Port	Kindly request you to amend the same to : Alarm Input & output port: RS-485 (Optional), Ethernet Por	As Per RFP
119	81 of 165	ANNEXURE-11-TECH	Geo location (geo coordinates) of an object with dis-tance from the camera is required for solution. The OEM with SI will provide all requisite features in the solution.	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do nt have edge based Analytics with STQC	Please Refer Updated RFP.
120	81 of 165	ANNEXURE-11-TECH	Total Power consumption to utilize all features of cameras (except heater) should not be more than 100 Watt at any condition	Kindly request you to amend the same to : Total Power consumption to utilize all features of cameras (except heater) should not be more than	As Per RFP
121	82 of 165	ANNEXURE-11-TECH	Event Management: Motion detection Audio detection	Kindly request you to amend the same to : Event Management: Motion detection Audio detection (Optional)	As Per RFP
122	82 & 83 of 165	ANNEXURE-11-TECH	Geo location (geo coordinates) of an object with dis-tance from the camera is required for solution. The OEM with SI will provide all requisite features in the solution.	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do nt have edge based Analytics with STQC	Please Refer Updated RFP.

123	84 of 114	ANNEXURE-2: Techn	Lenses Type: 4.3–129 mm (x30), F1.6 or better motorised Varifocal, Autofocus, Autoiris	Kindly request you to amend the same to : Lenses Type: 4.5–129 mm (x30) or better, F1.6 or better motorised Varifocal, Autofocus, Autoiris	Please Refer Updated RFP.
124	82 & 83 of 165	ANNEXURE-2: Techn	Geo location (geo coordinates) of an object with distance from the camera is required for solution. The OEM with SI will provide all requisite features in the solution.	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do not have edge based Analytics with STQC	Please Refer Updated RFP.
125	OEM Criteria	New Clause	The OEM must ensure that all proposed CCTV Cameras have a minimum MTBF (Mean Time Between Failures) of 100,000 hours or higher. The MTBF certification/report must be issued by an STQC-approved laboratory. This requirement is mandatory to ensure long-term reliability and an expected product lifecycle of 10+ years, considering the critical nature and scale of the project.	Since the project involves large-scale deployment of CCTV infrastructure in critical environments, a minimum MTBF of 100,000 hours ensures high reliability and minimizes frequent failures over the system's intended	As Per RFP
126	OEM Criteria	New Clause	CCTV OEM and NVR must have direct manufacturing in India for the last 15 years. Manufacturing through joint ventures, partnerships, or associations will not be accepted.	Promote genuine local manufacturing in line with the Government of India's Make-in-India and Atmanirbhar Bharat initiatives, ensure accountability of manufacturers, and safeguard	As Per RFP
127	OEM Criteria	New Clause	The OEM's CCTV camera models must support RTSPS Protocols, AES 256 encryption, SHA-256 and RSA-2048 cryptographic algorithms, OTP-based authentication, digitally signed firmware, firmware anti-rollback protection, and TEE (Trusted Execution Environment), TRNG, User Authentication, and encrypted firmware, Hardware Secure Boot –based security features.	Requiring CCTV camera models to support RTSPS, AES-256 encryption, SHA-256 and RSA-2048 cryptographic algorithms, OTP-based authentication, digitally signed and encrypted firmware, firmware anti-	As Per RFP
128	OEM Criteria	New Clause	The OEM of the proposed CCTV cameras must ensure that all offered camera models have a provision to support an SD/microSD card slot with storage capacity up to 1 TB. The OEM must submit a self-declaration or technical datasheet confirming this capability. Cameras lacking such provision shall not be considered and will be treated as a Technical Rejection.	The provision of an in-built SD/microSD card slot in cameras enables edge recording, which is critical for uninterrupted video capture during network failure, bandwidth congestion, or NVR/server	As Per RFP

129	OEM Criteria	New Clause	The CCTV Original Equipment Manufacturer (OEM) should have a minimum average annual turnover of ₹250 Crores or more during the last three (3) financial years. The OEM must submit a Statutory Auditor Certified Certificate clearly mentioning the turnover for the last three (3) financial years.	A financially strong OEM is better equipped to execute large-scale projects, manage supply chains, and ensure timely delivery of equipment without risk of disruption. CCTV systems in critical environments such	As Per RFP
130	OEM Criteria	New Clause	CCTV OEM should have ISO 20000, 27001, 45001, ISO/IEC 27032:2012 (Cyber Security), 39001, ISO 50001:2018, GDPR, ZED Gold (Zero DEFECT ZERO EFFECT) Certificates and CMMI Level 5 Certificate.	This clause ensures selection of a CCTV OEM with the highest standards of cybersecurity, quality, service reliability, safety, sustainability, regulatory compliance, and process maturity, thereby	As Per RFP
131	89	Item No. 17 : Weather	3. The cable should be made available in a we-tote box / Wooden Reel Drums which protects the environment	Request to modify the clause as mentioned below The cable should be made available in a we-tote box / Wooden Reel Packed which protects the	Please Refer Updated RFP.
132	89	Item No. 17 : Weather	4. The cable should have 4 pair construction with round sheath and proper construction to avoid Alien crosstalk	Request to modify the clause as mentioned below The cable shall have a 4-pair construction with a round outer sheath and shall be designed for	Please Refer Updated RFP.
133	89	Item No. 17 : Weather	8. The cable should be available in Non-Plenum / Plenum / Low Smoke Zero Halogen versions to meet the installation and safety requirements.	Request to modify the clause as mentioned below The cable should be available in Non-Plenum / Inner sheath material Low Smoke Zero Halogen and Outer	As Per RFP
134	89	Item No. 17 : Weather	9. Category 6 Unshielded Twisted Pair (UTP) 4 pair cable shall be compliant with ANSI/TIA/EIA-568-C.2 channel performance	Request to modify the clause as mentioned below Category 6 4 pair cable shall be compliant with ANSI/TIA/EIA-568-C.2 channel performance and 70mtr	As Per RFP

135	89	Item No. 17 : Weather	11. Relevant Information Outlet and 0.5 Meter Cat6 Patch Cord (50 nos. each) to be provided with every Cat6 Outdoor Cable Box of 300–350 Meter	Request to modify the clause as mentioned below Relevant Information Outlet and 0.5 Meter Cat6 Patch Cord (50 nos. each) to be provided with every Cat6	As Per RFP
136	88	Item No. 16 : Outdoor	3. Port: 8 ports of 10/100/1000 Base-Tx (PoE+ Enabled), 2 × 1Gbps (Single Mode LR SFP) along with required SFP module (loaded with same OEM) and patch cords for all interfaces to be included	Request to modify the clause as mentioned below Port: 8 ports of 10/100/1000 Base-Tx (PoE+ Enabled), 2 × 1Gbps SFP/BASE-T Combo ports (Single Mode LR SFP)	As Per RFP
137	88	Item No. 16 : Outdoor	7. Switch should be certified with FCC Class A, CE, ROHS, NEMA-TS2, Shock-Drop-Vibration Test, and UL (All certificates should be enclosed with bid)	Request to modify the clause as mentioned below Switch should be certified with FCC Class A, CE, ROHS, NEMA-TS2, Shock-Drop-Vibration Test, UL and MTCTE	As Per RFP
138	88	Item No. 16 : Outdoor	8. Environment: -2°C to 60°C Temperature, 5% ~ 95% RH (Non-condensing) Humidity	Request to modify the clause as mentioned below Environment: -20°C to 70°C Temperature, 5% ~ 95% RH (Non-condensing) Humidity and IP30	As Per RFP
139	88	Item No. 16 : Outdoor	10. The OEM should exist in the Gartner Magic Quadrant for wired and wireless LAN access infrastructure in 2024 or 2025	Request to relax this clause We kindly request the removal of the Gartner Magic Quadrant requirement, as it is a market	As Per RFP
140	88	Item No. 16 : Outdoor	11. Warranty: 5-Year comprehensive on-site OEM Warranty from the date of project Go live	Request to modify the clause as mentioned below Warranty: 5-Year comprehensive on-site OEM/Bidder Warranty from the date of project Go live	As Per RFP

141	101	Item No. 27 : Gigat	17. The OEM should exist in the Gartner Magic Quadrant for wired and wireless LAN access infrastructure in 2024 or 2025	Request to relax this clause Justification: We kindly request the removal of the Gartner Magic Quadrant requirement, as it is a market assessment criterion rather	As Per RFP
142	101	Item No. 27 : Gigat	19. Warranty: 5-Year comprehensive on-site OEM Warranty from the date of project Go live	Request to modify the clause as mentioned below Warranty: 5-Year comprehensive on-site OEM/Bidder Warranty from the date of project Go live	As Per RFP
143	80 of 165	ANNEXURE-11-TECH	1.4 Thermal Video Sensor Range- Atleast 8 KMs to detect Vehicle or better	Kindly request you to amend the same to : Thermal Video Sensor Range- Atleast 3 KMs or more to detect Vehicle or better	As Per RFP
144	81 of 165	ANNEXURE-11-TECH	1.10. Should provide hottest and coldest points in it's view with On board Analytics: Tripwire / Intrusion, Fire De-tection, Auto Tracking, Auto tracking of the hottest spot and the coldest spot in the thermal image	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do nt have edge based Analytics with STQC	As Per RFP
145	81 of 165	ANNEXURE-11-TECH	Alarm Input & output port: RS-485, Ethernet Port	Kindly request you to amend the same to : Alarm Input & output port: RS-485 (Optional), Ethernet Por	As Per RFP
146	81 of 165	ANNEXURE-11-TECH	Geo location (geo coordinates) of an object with dis-tance from the camera is required for solution. The OEM with SI will provide all requisite features in the solution.	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do nt have edge based Analytics with STQC	Please Refer Updated RFP.

147	81 of 165	ANNEXURE-11-TECH	Total Power consumption to utilize all features of cameras (except heater) should not be more than 100 Watt at any condition	Kindly request you to amend the same to : Total Power consumption to utilize all features of cameras (except heater) should not be more than	As Per RFP
148	82 of 165	ANNEXURE-11-TECH	Event Management: Motion detection Audio detection	Kindly request you to amend the same to : Event Management: Motion detection Audio detection (Optional)	As Per RFP
149	82 & 83 of 165	ANNEXURE-11-TECH	Geo location (geo coordinates) of an object with distance from the camera is required for solution. The OEM with SI will provide all requisite features in the solution.	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do not have edge based Analytics with STQC	Please Refer Updated RFP.
150	84 of 114	ANNEXURE-2: Techr	Lenses Type: 4.3–129 mm (x30), F1.6 or better motorised Varifocal, Autofocus, Autoiris	Kindly request you to amend the same to : Lenses Type: 4.5–129 mm (x30) or better, F1.6 or better motorised Varifocal, Autofocus, Autoiris	Please Refer Updated RFP.
151	82 & 83 of 165	ANNEXURE-2: Techr	Geo location (geo coordinates) of an object with distance from the camera is required for solution. The OEM with SI will provide all requisite features in the solution.	Kindly request you to amend the same to : Analytics Shall be Done through Server based as many OEMs do not have edge based Analytics with STQC	Please Refer Updated RFP.
152	OEM Criteria	New Clause	The OEM must ensure that all proposed CCTV Cameras have a minimum MTBF (Mean Time Between Failures) of 100,000 hours or higher. The MTBF certification/report must be issued by an STQC-approved laboratory. This requirement is mandatory to ensure long-term reliability and an expected product lifecycle of 10+ years, considering the critical nature and scale of the project.	Since the project involves large-scale deployment of CCTV infrastructure in critical environments, a minimum MTBF of 100,000 hours ensures high reliability and minimizes frequent failures over the system's intended	As Per RFP

153	OEM Criteria	New Clause	CCTV OEM and NVR must have direct manufacturing in India for the last 15 years. Manufacturing through joint ventures, partnerships, or associations will not be accepted.	Promote genuine local manufacturing in line with the Government of India's Make-in-India and Atmanirbhar Bharat initiatives, ensure accountability of manufacturers, and safeguard	As Per RFP
154	OEM Criteria	New Clause	The OEM's CCTV camera models must support RTSPS Protocols, AES 256 encryption, SHA-256 and RSA-2048 cryptographic algorithms, OTP-based authentication, digitally signed firmware, firmware anti-rollback protection, and TEE (Trusted Execution Environment), TRNG, User Authentication, and encrypted firmware, Hardware Secure Boot –based security features.	Requiring CCTV camera models to support RTSPS, AES-256 encryption, SHA-256 and RSA-2048 cryptographic algorithms, OTP-based authentication, digitally signed and encrypted firmware, firmware anti-	As Per RFP
155	OEM Criteria	New Clause	The OEM of the proposed CCTV cameras must ensure that all offered camera models have an provision to support an SD/microSD card slot with storage capacity up to 1 TB. The OEM must submit a self-declaration or technical datasheet confirming this capability. Cameras lacking such provision shall not be considered and will be treated as a Technical Rejection.	The provision of an in-built SD/microSD card slot in cameras enables edge recording, which is critical for uninterrupted video capture during network failure, bandwidth congestion, or NVR/server	As Per RFP
156	OEM Criteria	New Clause	The CCTV Original Equipment Manufacturer (OEM) should have a minimum average annual turnover of ₹250 Crores or more during the last three (3) financial years. The OEM must submit a Statutory Auditor Certified Certificate clearly mentioning the turnover for the last three (3) financial years.	A financially strong OEM is better equipped to execute large-scale projects, manage supply chains, and ensure timely delivery of equipment without risk of disruption. CCTV systems in critical environments such	As Per RFP
157	OEM Criteria	New Clause	CCTV OEM should have ISO 20000, 27001, 45001, ISO/IEC 27032:2012 (Cyber Security), 39001, ISO 50001:2018, GDPR, ZED Gold (Zero DEFECT ZERO EFFECT) Certificates and CMMI Level 5 Certificate.	This clause ensures selection of a CCTV OEM with the highest standards of cybersecurity, quality, service reliability, safety, sustainability, regulatory compliance, and process maturity, thereby	As Per RFP
158	Item No. 25: Rack 4		Processor: Min. Dual Intel® 3rd Gen Xeon® Silver 4316 Processor 20 Core 2.3 GHz or better Processor	Min. Dual Intel® 3rd Gen Xeon® Silver 4316 Processor 20 Core 2.3 GHz or better processor/AMD EPYC 7003 series or better Processor	As Per RFP

159		5	Motherboard: Latest Intel Series Chipset compatible with processor	Latest Intel Series Chipset/AMD equivalent compatible with processor	As Per RFP
160	Item No. 26: GPU	3	Processor: Minimum Dual Intel® 3rd Generation Xeon® Silver 4309Y or higher processor, with at least 8 Cores per Processor and Base Clock Speed of 3.5 GHz or higher	Minimum Dual Intel® 3rd Generation Xeon® Silver 4309Y or higher processor, with at least 8 Cores per Processor and Base Clock Speed of 3.5 GHz or higher/AMD 7003 Series or better processor	As Per RFP
161		4	Motherboard: Latest Intel Series Chipset compatible with processor	Latest Intel Series Chipset/AMD equivalent compatible with processor	As Per RFP
162		12	Graphics: Nvidia RTX A4000 (16 GB GDDR6) or Nvidia Ampere A2 (16GB) or equivalent & Better (Series of NVIDIA with 16GB or better)	Nvidia RTX A4000 (16 GB GDDR6) or Nvidia Ampere A2 (16GB) or equivalent & Better (Series of NVIDIA with 16GB or better) / AMD Radeon RX 9070 XT (16 GB GDDR6) or AMD Radeon RX 9060 XT (16 GB GDDR6) &	As Per RFP
163	55	4	40 % of Quoted cost of items supplied at respective location under BOQ1 of Financial Bid (Capex)	As per the urgency of the project, selected bidder have to supply material in the early stage of the project. We request you to change payment terms "40 % of Quoted cost of items supplied at respective	As Per RFP
164	55	5	30 % of Quoted cost at BOQ1 of Financial Bid (Capex) after commissioning and installation at respective location.	We request you to change payment term "30 % of Quoted cost at BOQ1 of Financial Bid (Capex) after commissioning and installation at respective location." to "10 % of Quoted cost at BOQ1 of Financial Bid	As Per RFP

165	76	4	High quality at least 40 Sqmm copper cable	GI Strip with isolator, to be mounted in such a way that it should not come in contact with the tower structure. The outer sheild of copper cable is not sufficient to handle lighting, at some location it is ovserved that	As Per RFP
166	75	8, 9	Technical Specifications of Aviation Light	As per BOQ since the Aviation Light is not seperate line item and it is an integral part of the Onsite Setup, we request to ask for Technical Specifications on bidder Letter head instead of OEM Letter head with	Please Refer Updated RFP.
167	76	8, 9	Technical Specifications of Lighting Protection and Earthing	As per BOQ since theLighting Protection and Earthing is not seperate line item and it is an integral part of the Onsite Setup, we request to ask for Technical Specifications on bidder Letter head instead of OEM	Please Refer Updated RFP.
168	81	14	Protection Grade: IP66, Internal external anti-surge protection	We request you to change "Protection Grade: IP66, Internal external anti-surge protection" to "Protection Grade: IP66, Internal or external anti-surge protection"	Please Refer Updated RFP.
169	83	25	Lens Type: 3 to 12 mm, motorized varifocal, Autofocus and Auto iris or better	We request you to amend "Auto iris or better" to "Fixed IRIS or Better"	Please Refer Updated RFP.
170	83	26	Illumination: Color: 0.3 lux, F1.3 or better B/W: 0.04 lux, F1.3 or better Inbuilt IR (40 mtrs. or better)	For wide participation, we request you to amend "Illumination: Color: 0.3 lux, F1.3 or better B/W: 0.04 lux, F1.3 or better " to "Illumination: Color: 0.3 lux, F1.4 or better B/W: 0.04 lux, F1.4 or better "	Please Refer Updated RFP.

171	83	5	Minimum Illumination-Color: 0.3 lux, F1.3 or better B/W: 0.04 lux, F1.3 or better Inbuilt IR (50 mtrs. or better)	For wide participation, we request you to amend "Minimum Illumination-Color: 0.3 lux, F1.3 or better B/W: 0.04 lux, F1.3 or better Inbuilt IR (50 mtrs. or better)" to Minimum Illumination-Color: 0.3 lux,	Please Refer Updated RFP.
172	84	13	Minimum TCP, HTTP, RTP, RTSP, SNMP, IPv4, IPv6, FTP, NTP, DHCP, RTP, SMTP, UDP, ICMP, IGMP, SSL, QoS, 802.1x, DNS, DDNS, HTTPS	We request you to remove DDNS protocol as it removed after STQC certification	Please Refer Updated RFP.
173	84	14	Lens Type: 3 to 12 mm, Motorised varifocal, Autofocus and Autoiris or better	We request you to amend "Auto iris or better" to "Fixed IRIS or Better"	Please Refer Updated RFP.
174	85	9	Minimum TCP, HTTP, RTP, RTSP, SNMP, IPV4, IPv6,FTP, NTP,DHCP, RTP, SMTP, UDP, UPnP, ICMP, IGMP, SSL, QoS, 802.1x, DNS, DDNS, HTTPS	We request you to remove DDNS protocol as it removed after STQC certification	Please Refer Updated RFP.
175	85	19	Pan Range & Speed: 0 deg to 360 deg, 0.2°/s–160°/s Tilt Range And Speed: 180°, 0.2°/s–120°/s	We request you amend to Tilt Range: –20° to +90	Please Refer Updated RFP.
176	86	22	Power Consumption: should not be more than 20 W	As we need higher bandwidth for the solution and remote sites are far from each other we request you to amend "Power Consumption: should not be more than 20 W" to "Power Consumption: should not be more	Please Refer Updated RFP.

177	107	5	CONTROL PANEL: The Control Panel should be manufactured with 16/17 gauge CRCA sheet and should be powder coated for a weather-proof and long lasting finish. The Control Panel should consists of the following parts: - Genset Controller	For better space management we offer copper cables instead of Aluminium bus bars so we request you to amend "Aluminium Bus Bars with suitable capacity with in/outgoing terminals" to	Please Refer Updated RFP.
178	111	14	Correction Speed: 70 Volts Per Second and better	70 Volts per second correction speed is not possible in single phase servo stablizer. We request you to change it to "Correction Speed: 25 Volts Per Second and better".	Please Refer Updated RFP.
179			Additional Points	We Request not to ask MAF and Technical Letter Head Compliance for minor components on OEM Letter Head such as Power Cable, Copper Cable, Conduit Pipe, Lightening protection and earthing, aviation	Please Refer Updated RFP.
180			Additional Points	The mentioned type of power cables are not sufficient for the tower as there are different type of cables are required for onsite setup so we request you to ask price for lumsum cable required per onsite setup	As Per RFP
181			Additional Points	In BOQ one item should be added as Cable and connectors where we can be able to quote the prices of cable of connectors as lot basis (per onsite setup basis)	As Per RFP
182			Additional Points	We request you to seek the following point as a compliance confirmation on the bidder's letterhead, to ensure their capability to achieve this and thereby avoid any dispute at a later stage. So, these compliance should	Please Refer Updated RFP.

183			Additional Points	There is 1 resource asked at Central command center, Aranaya Bha-wan, Jaipur which is not mentioned in the BOQ. We request you to add this requirement in the BOQ or either remove it.	Please Refer Updated RFP.
184	Page No. 9	1. INVITATION FOR B	• 2 % of the estimated procurement cost • 0.5% of the estimated procurement cost for S.S.I. unit of Rajasthan • 1% of the estimated procurement cost for Sick Industries, other than S.S.I., whose cases are pending with Board of Indus-trial & Financial Re-construction	Total bid security value will be 3.5% of esti-mated procurement cost. Kindly clarify, 3 separate BG has to be submitted with respective values or 1 BG of 3.5% of project value (40 Crs.) has to be submitted.	Please Refer Updated RFP.
185	Page No. 11	2.2. About Forest De	The solution has been deployed at following forest/ wildlife locations of Rajasthan: 1. Ranthambhore Tiger Reserve (RTR), Sawaimadhopur 2. Sariska Tiger Reserve (STR), Alwar 3. Mukundra Hills Tiger Reserve (MHTR), Kota 4. Jawaibhag Leopard Conservation Reserve (JLCR), Pali	We understand that, the project loaction will be within these 5 forest/ wildlife locations of Rajasthan. If not, we request you to please share the loaction list.	Please Refer Updated RFP.
186	Page No. 18	4. SCOPE OF WORK,	The Selected bidder will undertake detailed study of forest sites/ wildlife sanctuaries/ protected areas/locations as and when communicated to the bidder.	Please confirm, any safety and legal protection protocols for field engineers will be provided by the customer during forest visit.	As Per RFP
187	Page No. 74	ANNEXURE-11-TECH	Detailed Soil testing shall be done and SBC report will be submitted.(From NABL Certified Lab)	National Chambal Sanctuary banks feature fragile, highly eroded ravine soil prone to flash flooding. Please clarify if the scope includes soil-testing / piling-foundation compliance reports, or if the Forest	As Per RFP
188	Page No. 18	Clause 4.1.2Supply a	Civil Work: Required foundation and civil work with proper finishing of structure through weather proof painting shall be done by the se-lected bidder for instal-lation/ commissioning of onsite setup, solar solu-tion, fencings, modular containerized data cen-tre & Control room setup including DG sets. The selected bidder will ensure quality of the material used for foun-dation or other required civil	Constructing structural foundations, solar installations, and high-mast towers inside a protected river sanctuary requires permissions from National Board for Wildlife (NBWL) or National Tiger Conservation	As Per RFP

189	Page No. 58	7.2.1 Infrastructure	Penalty (in Rs.) (Per day per quantity of item for every 24/ 48/12 hours passed after expiry of prescribed timeline)	Accessing deep ravine pockets and far-flung riverbanks requires dedicated motorboats rather than road transport. We request RISL to increase the Critical Equipment MTTR (Mean Time to Repair) window from	As Per RFP
190	Page 49	6.28. Extension in D	ii. The maximum amount of liquidated damages shall be 10% of the contract value.	We request you to amend the clause as: The maximum amount of liquidated damages shall be 10% of the Undelivered value	As Per RFP
191	Page 50	6.30. Warranty	f) The bidder Shall provide 5.5 years CAMC(Comprehensive Annual Maintenance Contract) warranty for all exist-ing items.	We understand that, the 5.5 years is with Warranty and CAMC period together or please specifiy the exact warranty period and CAMC period separatly.	Please Refer Updated RFP.
192	14	Cl. 3.1(2) — Financial	Average annual turnover of bidder/either consortium partner >= Rs 45 Cr from IT/ITeS over last 3 FYs; ITeS = any product/service delivered using ICT resources.	We assume IT/ITES defination covers all type of networking projects / telecom projects/ surveillance project/ Data center projects. Etc.	As Per RFP
193	14	Cl. 3.1(3) — Net Wo	Net worth of bidder / both consortium partners should be positive AND profit-making per last audited balance sheet.	Confirm which FY constitutes 'last audited', and whether the test is (i) positive net worth in the last audited year and (ii) profit in the last audited year only — i.e. a single loss in an earlier year within the window does	Please Refer Updated RFP.
194	15	Cl. 3.1(4) — Technic	One commissioned CCTV-based surveillance project for a Govt Dept / Govt Agency / PSU in India (IP cameras + VMS + NOC/Command Center integration), single work order value >= Rs 10 Cr, go-live between 01-Apr-2020 and bid date.	We request to you please consider the Network End Points Like OLT, L2 Switchs Above 24 Ports, ONTs, DWDM Node - Cumulative Minimumm 3000 Location in Last 10 years and minimum 5 years of O&M	As Per RFP

195	15	Cl. 3.1(4) — Technic	One commissioned CCTV-based surveillance project for a Govt Dept / Govt Agency / PSU in India (IP cameras + VMS + NOC/Command Center integration), single work order value >= Rs 10 Cr, go-live between 01-Apr-2020 and bid date.	Confirm whether 'Government Agency' includes government-owned SPVs, PSU concessionaires, statutory authorities, and government-owned infrastructure/airport/port operating companies executing projects for or	As Per RFP
196	15	Cl. 3.1(4) — Technic	Single work order value >= Rs 10 Cr for supply/installation/commissioning/maintenance of IP cameras + VMS + Command Center.	Please consider whether the Rs 10 Cr threshold refers to the value of the CCTV/VMS/command-centre component within a larger order, or Telecom/ Network / total single work-order value; project will qualifies.	As Per RFP
197	15	Cl. 3.1(4) Note	Date of order and completion/go-live must fall between 01-Apr-2020 and bid date.	We assume the Project Role out date will be in between FY - 2020 -2021 any month and O&M of minimum 5 years.	As Per RFP
198	14	Cl. 3.1(1) Note 3 —	JV/consortium allowed, max 2 companies, joint & several liability, one Lead Partner.	Confirm: (a) whether an OEM may be a consortium member; (b) whether the Turnover PQ and the Technical PQ may each be satisfied by either partner individually (not necessarily the same partner); (c) the minimum	As Per RFP
199	16	Cl. 3.2 — OEM Pre-C	Only requirement stated: OEM (and authorized distributor) to comply with Land Border Policy (Rule 144(xi) GFR 2017 / RTTP).	Confirm whether OEMs (esp. long-range thermal, VMS, CCC/analytics) must furnish prior-deployment references or product certifications beyond land-border compliance; whether a Manufacturer's	As Per RFP
200	9	NIB / General — Pre	Purchase/price preference and exemptions not detailed in PQ.	Confirm applicability of Public Procurement (Preference to Make in India) 2017, MSE preference, Rajasthan SSI/Startup preference, and any EMD/turnover exemptions, with required documentation.	As Per RFP

201	70 / 11	Annexure-8 (BOM)	BOM: 25 onsite setups, 3 modular containerized CCCs, but 5 x 45m base towers. Profile references phased deployment across multiple sanctuaries.	Provide the definitive site list for THIS RFP: number of locations, site-wise split of the 25 onsite setups and 3 CCCs, GPS coordinates, and the reason base towers (5) exceed modular containers (3). Confirm	Please Refer Updated RFP.
202	11 / 70	Cl. 2 Profile vs Anne	Profile lists UAV/drones with mission-planning software; BOM contains no UAV line item.	Confirm that UAV/drone supply, integrated mission-planning/monitoring software, and UAV pilot services are OUT of scope for this Chambal RFP.	Please Refer Updated RFP.
203	19	Cl. 4.2 — Integration	Commissioned solution to integrate with 'existing/upcoming' 3rd-party apps; SI to integrate with existing ICCC & VMS; WS&APS is already live at 5 reserves.	Identify the incumbent OEM(s)/product(s) of the existing WS&APS/VMS/CCC. Confirm whether the SI must supply a NEW VMS + CCC suite (per Annexure-20, 'Phase-3') or integrate into the existing platform.	Please Refer Updated RFP.
204	18	Cl. 4.1.2 — Statutor	SI to execute all civil/foundation/tower works inside the National Chambal Sanctuary (a notified protected area).	Confirm that all forest, wildlife, and environmental clearances, right-of-way, land handover, and permissions to erect towers/civil works inside the protected sanctuary will be obtained and provided by the Forest	As Per RFP
205	18	Cl. 4.1.2 — Electricit	RISL/user dept. to provide electricity connection to the 'nearest possible point' (meter); SI to do all distribution, cabling, earthing, surge protection onward.	Provide the assumed maximum distance from the electricity meter to each CCC/onsite setup. Confirm that HT lines / transformers / DISCOM works (if any) are RISL scope, and clarify cost & time responsibility	Please Refer Updated RFP.
206	18 / —	Cl. 4.1.2 / Annexure	Onsite solar with minimum 30-hour backup; structures stable to 180 km/hr wind.	Confirm the battery technology basis (Li-ion/LFP vs VRLA); confirm that battery replacement/refresh across the entire 5-year O&M is included in the O&M price; provide the design daily generation/load basis; and	As Per RFP

207	— / 100	Cl. 4.3(availability) v	SI to ensure availability of all camera feeds for at least 15 days; CCC storage sized at ~300 TB usable (24x16TB RAID6) per site.	Confirm the mandatory recording retention period (in days) per camera to be used as the sizing basis, and whether evidentiary footage must be retained for a longer period (e.g., for legal/court use) than the general	As Per RFP
208	21 / 59	Cl. 4.7 / 7.2 — O&M	Penalty schedule references 'Project Management/Implementation Support Staff' and 'Control Room Staff' but no headcount is specified.	Provide the minimum O&M manpower deployment schedule to be quoted: roles, headcount per onsite setup and per CCC, shift pattern (24x7), and qualifications, so BOQ2 (O&M) is comparable across all	As Per RFP
209	—	Item 15 — RF / Back	Field-to-CCC connectivity via SI-supplied point-to-point radio; no fiber/leased line indicated.	Confirm that all field-to-CCC connectivity is via SI-supplied P2P radio and no fiber/leased line is required or provided; confirm no recurring telecom/bandwidth OPEX is expected from the SI; and clarify	As Per RFP
210	20	Cl. 4.6 — Training &	SI to conduct training and capacity building.	Provide the number of trainees, batches, locations, and duration expected for training & capacity building for accurate costing.	As Per RFP
211	100	Item 26 — GPU Serv	One GPU server per CCC with NVIDIA RTX A4000 (16GB) or A2 (16GB); ~40 cameras (4 MP) per CCC; analytics incl. species identification, critical-path optimization, multi-class detection.	Specify the number of concurrent analytics channels/streams and the specific AI-ML use-cases required to run per CCC, and confirm permission to offer a higher/scalable GPU configuration where the analytics	As Per RFP
212	100	Item 26 — Operatin	GPU server OS specified as 'Ubuntu 16.04'.	Ubuntu 16.04 LTS is end-of-life (no security updates). Request permission to supply a current supported Ubuntu LTS (e.g., 22.04/24.04 LTS).	Please Refer Updated RFP.

213	80	Item 11 — Thermal	Thermal video sensor range 'at least 8 KM to detect Vehicle'; thermal resolution >= 640x480; spectral 8-12 um.	Specify the DRI standard and target dimensions (e.g., vehicle 2.3 x 2.3 m per Johnson's criteria) and reference atmospheric conditions used to define '8 km vehicle detection', so all bidders quote comparable thermal	As Per RFP
214	29 / 80-84	Cl. 4.10 + camera ce	All edge devices to comply with BIS & STQC 'wherever mandated'; camera certs: CE/FCC/RoHS at bid, STQC & BIS 'may be submitted subsequently but mandatory before supply/delivery'.	Given that land-border-compliant (non-Chinese) long-range thermal OEMs may not yet hold BIS/STQC for the specific model, confirm the acceptable certification timeline and whether provisional / in-process	Please Refer Updated RFP.
215	80-84 / 143	Cameras vs CCC — A	Onboard analytics (tripwire, fire, auto-track) specified on cameras; central AI-ML analytics (species ID, path optimization, etc.) specified in CCC suite.	Clarify the demarcation between camera-native onboard analytics and central AI-ML analytics, to avoid double-scoping/double-licensing of overlapping functions.	As Per RFP
216	134-144	Annexure-20 — VM	'OEM expected to customize VMS/CCC'; 5-year warranty with updates/upgrades/patches; open framework to define new algorithms.	Confirm whether VMS and CCC/Analytics may be from different OEMs (best-of-breed) integrated by the SI; and confirm the expected licensing model (per-camera / per-channel / perpetual vs subscription)	Please Refer Updated RFP.
217	143	Cl. 74/84 Analytics -	Vehicle detection and 'Vehicle detection' alerts required; ANPR/number-plate recognition not explicitly listed in BOM/spec.	Confirm whether ANPR / number-plate recognition is a required analytic; if so, define it as an explicit line item with the performance KPI.	As Per RFP
218	11-13 / 143	Cl. 2 Profile / Analyt	Objective includes real-time tracking of boats and human movement on river stretches (anti-sand-mining mandate).	Confirm that boat detection/tracking on the river is a mandatory analytic, and state any performance KPI (detection range/accuracy) expected for boats and river-stretch monitoring.	As Per RFP

219	9	NIB — Estimated co	Estimated procurement cost Rs 40 Cr 'including GST'.	Confirm the BOQ structure (BOQ1 Capex / BOQ2 Opex), whether prices are to be quoted inclusive of GST, that evaluation is on total incl. GST, and how a statutory GST-rate change during the contract will be handled.	As Per RFP
220	55	Cl. 7.1 — Payment s	40% on supply / 30% on commissioning / 10% on go-live / remaining 20% of Capex + 100% of Opex spread over 5-year O&M, paid quarterly.	Request release of the retained 20% Capex on go-live against an equivalent Bank Guarantee; and confirm whether the retained 20% is over-and-above, or part of, the BOQ2 O&M value.	As Per RFP
221	60	Cl. 7.4(a) — Firm pri	'The quoted rate will remain unchanged during the entire contract period.'	Request a price-escalation / statutory minimum-wage indexation clause for the 5-year O&M manpower component (annual indexation to the notified minimum wage).	As Per RFP
222	48	Cl. 6.28 — Liquidate	LD per week 'as specified in (d)'; maximum LD = 10% of contract value; beyond max, termination.	Specify the exact LD rate per week (the referenced sub-clause (d) percentage is not stated in the draft), and confirm LD is computed on the value of the delayed portion, not the total contract value.	As Per RFP
223	59-60	Cl. 7.2.3 / 7.3 — SLA	Software non-availability penalties up to 50% of quarterly; caps: 20% of quarterly (ex-manpower) / 100% incl. manpower; 5 down-days in a month for 2 consecutive months = breach; 'extreme conditions' allow a 2-day grace.	Confirm exclusion from SLA penalty computation of downtime caused by (a) grid/solar failure beyond SI control at unmanned sites, (b) telecom/RF outage due to force majeure, and (c) client-side	As Per RFP
224	58-60	Cl. 7.2 — Uptime ta	Penalty slabs are defined but no explicit uptime % target or measurement method is stated.	State the target system/camera uptime % and the measurement method (per-camera / per-site / aggregate; and whether measured over PBH or 24x7) used to compute O&M SLA.	As Per RFP

225	31 / 37	Cl. 5.9 / 5.26 — Bid	Bid security 2% of est. cost (~Rs 80 L); Additional Performance Security = 50% of Unbalanced Bid Amount if bid > 15% below estimate.	Confirm bid security validity period; confirm the Additional Performance Security mechanism is refundable on satisfactory completion; and confirm a Bank Guarantee of a scheduled bank is acceptable for all securities.	Please Refer Updated RFP.
226	36-37	Cl. 5.25 / 5.26 — Pe	Performance security required; must remain valid 60 days beyond completion of all obligations (incl. warranty).	Confirm the Performance Security percentage and total validity period, and that it may be furnished as a Bank Guarantee of a scheduled bank.	Please Refer Updated RFP.
227	20-21 / 80-84	Warranty vs O&M c	5-year comprehensive OEM warranty from go-live on all items AND 5-year O&M from go-live.	Confirm the OEM warranty and O&M periods are co-terminous, that the 5-year comprehensive OEM warranty covers the entire O&M period (so no separate spares/AMC cost arises during O&M), and clarify warranty	As Per RFP
228	36	Cl. 5.24 — Right to v	Procuring entity may vary quantity/value (works up to 50% of quantity and 50% of value referenced).	Confirm the exact quantity-variation limit (+/- %), that quoted unit rates remain firm for any increase/decrease, and whether variation also applies to O&M manpower.	As Per RFP
229	55	Cl. 7.1 — Delivery ti	T3 = T1 + 45 days (solution design); T4 = T3 + 240 days (supply); commissioning, UAT and go-live thereafter.	Request an extension of the supply/commissioning timeline OR that site-readiness (cleared sites, power at the meter point, statutory forest/wildlife clearances, site handover) be made a documented	As Per RFP
230	—	General — Draft RFP	Document is a 'Draft RFP'.	Confirm the date of issue of the final RFP, the revised pre-bid meeting and bid-submission timeline, and whether queries raised on this draft will be addressed in / carried into the final RFP.	Please Refer Updated RFP.

231	20	Cl. 4.3 / 4.4 — UAT	User Acceptance Testing and Third Party Audit required prior to go-live.	Confirm who appoints and bears the cost of the Third Party Audit (TPA), and provide the UAT acceptance criteria / KPIs against which go-live is certified.	As Per RFP
232	86	Sr No. 5	Throughput: Aggregate minimum throughput of 1Gbps at a distance of 10 KM or more	Radio Spectrum Efficiency must be Min 14 (bit/s)/Hz	As Per RFP
233	86	Sr No. 7	Channel Bandwidth & Resolution: Supports Channel Bandwidth of 20, 40, and 80 MHz (user configurable); Channel Resolution of 5 MHz	Radio Must support 20/40/80/160MHz Channel bandwidth.	As Per RFP
234	86	Sr No. 8	Non-Contiguous Channel (4-Stream): Supports 2×20, 2×40, and 2×80 MHz non-contiguous channel (4-Streams); parameters must be user configurable	Please clarify the technical necessity of mandating 2×20, 2×40 and 2×80 MHz non-contiguous channel operation with four spatial streams. For long-distance Point-to-Point backhaul links deployed in forest environments, the required throughput can be achieved through multiple radio architectures. Specifying a particular implementation (4-stream non-contiguous operation) unnecessarily restricts participation.	Please Refer Updated RFP.
235	86	Sr No. 9	IP & MAC Support: IPv4 and IPv6 supported; radio shall support MAC Forwarding table	Exposing a discrete MAC forwarding table falls under multiple VA Scan vulnerability which make the network insecure.	As Per RFP

236	86	Sr No. 10	Modulation: OFDM MIMO 4x4 with BPSK, QPSK, 16QAM, 64QAM and 256QAM modulations	Kindly clarify the technical rationale for mandating 4x4 MIMO. For 10 km and longer LOS Point-to-Point links, achievable throughput is primarily governed by: 1) Available spectrum	Please Refer Updated RFP.
237	86	Sr No. 13	Security & Standards: AES-128 Encryption with SNMPv3 management interfaces; shall follow standards defined in IEEE 802.3 for Ethernet interface/Quality of Services	Radio must support 8 level of QoS and AES 256 Encryption.	As Per RFP
238	87	Sr No. 17	Performance & Monitoring: Download of link diagnostics/information logs supported; built-in throughput test, Trace Route, Ping tools; QoS per IEEE 802.1p, TOS/DiffServ with 4 levels of queues (Voice, Video, Data, Best Effort); link latency < 5 ms; built-in tool to check available throughput; performance logs, event logs, monitor logs via EMS; Radio/EMS to store performance	We request the authority to consider Traceroute, and Ping diagnostic tools on the radio/NMS itself. From NMS Centrally everything be managed.	As Per RFP
239	87	Sr No. 26	Automatic Channel Selection: System shall support automatic channel selection and select alternative channels in conformance with country of operation	Radio Must support Dynamic Channel Switching and it must be hitless. There should not be any packet loss.	As Per RFP