



**NOTICE INVITING TENDER FOR
TRUNKY BASIS**

**Supply installation commissioning and CAMC of CCTV cameras and accessories required for
surveillance system**

Ref: ITI/2025-26/Def/Mktg/CCTV/NCL

ITI LIMITED

(A Govt. of India Enterprise)

**ITI Limited, NSU-Delhi, First Floor, Core 6,
Scope Complex, Lodi Road, New Delhi-110003**

website: <https://www.iltld.in/>

Email: skumar_bcdel@iltld.co.in

CIN No: L32202KA1950GOI000640

1. Introduction.

ITI Limited, a Public Sector Undertaking under the Department of Telecommunications, Ministry of Communications, is a leading Telecom equipment manufacturer and solution provider in India. The major customers are BSNL, BBNL, MTNL, Defense, Paramilitary forces, Railways, Banks, Central & State Govt. departments, Institutions and research organizations like ISRO.

ITI Limited has been undertaking various projects in all fields of telecommunications and information technology and also continuously deploying new technologies in the field of Telecom, ICT, Networking, e-Governance etc. ITI has diversified its operation and has been executing projects in the field of Smart Infrastructure (Smart Cities, Safe Cities, Smart Energy Meters, Smart Classrooms, Smart Poles etc), Bharatnet etc. ITI has been executing projects in latest technologies like GPON, OLT, ONT, OFC, HDPE etc.

ITI Limited would like to address the tender on turnkey basis for Supply installation commissioning and CAMC of CCTV cameras and accessories required for surveillance system.

In this connection ITI Limited, invites sealed tender from eligible bidders for addressing the above tender opportunity and implementing the project as per their scope of work finalized with ITI.

2. Important Dates.

Date of tender Upload	11.04.2026
Due Date for tender Submission	17.04.2026 up to 12:00 PM
Estimated Cost (Approx.)	Rs.33,029,9104.22 /-
Technical Specification	As per mentioned in GeM Bid- GEM/2026/B/7278229 Dated: 03-03-2026
Pre Empanelment Queries/Pre Bid meeting	NO
ITI Contact Person	Mr.Sandeep Kumar, DGM-Projects 9910339889 Email:-skumar_bcdel@itilttd.co.in https://www.itilttd.in Helpdesk: Mr.Faiz Ahmad Khan, AEE-Projects 8881941949 e-mail: faizahmad_nsu@itilttd.co.in
Tender Fee	Rs. 5,000/-+ Rs. 900/- = Rs. 5,900/-(Non-Refundable)
Earnest Money Deposit (EMD)	Rs. 50,00000 /-
PBG/Security Deposit/e-PBG	5%
Duration of e-PBG required (Months)	14
All other additional terms and Condition	As mentioned in Bid document.
The Bank Details of ITI Limited for NEFT/RTGS/Net Banking :	The Bank Details of ITI Limited for NEFT/RTGS/Net Banking is as below:

	Online RTGS/ NEFT Bank: State Bank Of India, Industrial Finance Branch, Residency Road, Bangalore-560025 MICR: 560002059 IFSC: SBIN0009077 A/C No.: 10637729843 EMD may also accepted in the form of BG
Mode of submission	Thru ITI e-tender portal https://itilimited.ewizard.in/ .
IoT System Certification Scheme (IoTSCS) - Certified Product list as per the Essential Requirements (ERs)	Please note that the certified product list meeting Essential Requirements (ERs) is available at- https://www.stqc.gov.in/iot-system-certification-schemeiotscs-0

3. Tender Scope of work & Technical compliance:-

As per Tender Reference/Bid Number: **GEM/2026/B/7278229 Dated: 03-03-2026** ITI inviting **TENDER/BID**

For Supply installation commissioning and CAMC of CCTV cameras and accessories required for surveillance system. All the technical specification must compliance the end to end support of backend partner.

4. Instruction to Bidders

The bidders are required to submit soft copies of their bid electronically on the e-Wizard Portal using valid Digital Signature Certificates. Below mentioned instructions are meant to guide the bidders for registration on the e-Wizard Portal, prepare their bids in accordance with the requirements and submit their bids online on the e-Wizard Portal. For more information, bidders may visit the Portal (<https://itilimited.ewizard.in/>).

a. REGISTRATION PROCESS ON ONLINE PORTAL:

Bidders to enroll on the e-Procurement module of the portal <https://itilimited.ewizard.in/> by clicking on the link "Bidder Enrolment".

- The bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. This would be used for any communication from the e-Wizard Portal.
- Bidders to register upon enrolment, with their valid Digital Signature Certificate (Class III Certificates with signing and Encryption key) issued by any Certifying Authority recognized by CCA India with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID/password and the password of the DSC / e-Token.
- After registration send mail to Helpdesk: helpdeskeuniwizarde@gmail.com for Account activation.
- As per portal norms Registration Fee will be applicable.

b. TENDER DOCUMENTS SEARCH:

- Various built-in options are available in the e-Wizard Portal like Department name, Tender category, estimated value, Date, other keywords, etc. to search for a tender published on the Online Portal.

- b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'Interested tenders' folder.
- c) The bidder should make a note of the unique Tender No assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

5. BID PREPARATION:

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- c) Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that needs to be submitted. Any deviations from these may lead to rejection of the bid.
- d) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLSX/PNG, etc. formats.

6. BID SUBMISSION:

- a) Bidder to log into the site well in advance for bid submission so that he/she uploads the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- b) The bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- c) Bidders to note that they should necessarily submit their financial bids in the prescribed format given by department and no other format is acceptable.
- d) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, the opening of bids, etc. The bidders should follow this time during bid submission.
- e) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.
- f) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- g) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- h) The off-line tender shall not be accepted and no request in this regard will be entertained whatsoever.
- i) As per portal norms Tender Processing Fee will be applicable.

7. AMENDMENT OF BID DOCUMENT:

At any time prior to the deadline for submission of proposals, the department reserve the right to add/modify/delete any portion of this document by the issuance of a Corrigendum, which would be published on the website and will also be made available to the all the Bidder who has been issued the tender document. The Corrigendum shall be binding on all bidders and will form part of the bid documents.

8. ASSISTANCE TO BIDDERS:

- a) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- b) Any queries relating to the process of online bid submission or queries relating to e- Wizard Portal, in general, may be directed to the 24x7 e-Wizard Helpdesk. The contact number for the helpdesk is 8448288994/86/87/89/88/81/90/92/82 011-49606060, 07903269552, 9355030608, 9055030613, 7903810198,

9355030606, 9315620706, 9355030623, 9355030628, 8800526452, 9205898228, 9122643040, 9355030604, eprochelpdesk.01@gmail.com, eprochelpdesk.44@gmail.com, eprochelpdesk.06@gmail.com.

- c) The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of the bid(s).
- d) The bid should be submitted through e-Wizard portal (<https://itilimited.ewizard.in/>) only.
- e) All payments should be done through e-Wizard Payment gateway.

5(i)	Eligibility Criteria of Applicants
a	<p><u>Company Profile:</u></p> <p>The Bidder shall be a Company incorporated /registered in India under Companies Act 1956/2013/ proprietorship/ partnership firm/ Limited Liability Partnership (LLP) and should be in operations continuously for at least 5 years as on the last date of submission of bid.</p> <ol style="list-style-type: none"> 1) In case the bidder has executed any work/project with/for ITI in the last 5years, it is essential that a satisfactory certificate signed by at least DGM level/or above officer from ITI to be submitted for such project. 2) In case CMC followed by project execution, the CMC charges quoted by bidder are optional and ITI reserves the right to either award CMC to the bidder or float a separate tender at the end of project completion which will be abide by bidder. 3) Any financial liability (like contract processing fee, Agreement Stamp fee, Portal fee, BG making fee etc.) on ITI for this project will be borne by Bidder.
b	<ol style="list-style-type: none"> a) Minimum average Turnover during each of the last three financial years (2022-23, 2023-24 and 2024-25), 30% of the total estimated Cost. b) Net Worth of the bidding entity during each of the last three financial years (2022-23, 2023-24 and 2024-25) should be in positive. c) The Bidder shall submit copy of Audited statements/CA certificate for last three years should be submitted along with technical proposal.
c	<p>For Supply installation commissioning and CAMC of CCTV cameras and accessories required for surveillance system.</p> <p>For more details refer to scope of work as per GeM BID Documents.</p>
d	<p>The bidder should not have been blacklisted or debarred by any Pvt Ltd/State / Central Government or their agencies or Public Sector Undertakings (PSUs) as on bid submission date for corrupt, fraudulent or any other unethical business practices or for any other reason.</p> <p>Undertaking as per the format attached in Annexure-I duly signed by authorized signatory of bidder.</p>
e	<p>All the applicable annexures and documents is as per customer BID.</p>
f	<p>The supply item/OEM must be as per manufacturer certifications mentioned in BID.</p> <p>The technical specification of all the supplied items/ equipments as per the Operational characteristics and features as mentioned in bid Appendix-B. All the above sites/solution & technical specifications must be complied with the original GeM Tender.</p>
g	<p>Undertaking for willingness to work with ITI as per customer tender etc. terms and conditions.</p>
h	<p>EMD (Back to Back Basis Rs. 50,00000/-</p> <p>EMD of unsuccessful bidders should be returned back once the contract is finalized. The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.</p>
i	<p>Undertaking expressing willingness to sign agreement with ITI.</p>

	j	Bidder shall provide valid OEM Authorization Certificate for all the products quoted as well as certify that the proposed product is not declared end of sale. OEM documents and all applicable annexures/appendix shall be provided as per required by customer RFP
	k	Consortium is not allowed. Bid splitting not applied. No part bidding allowed.
	l	ITI reserve the right to reject /cancel the bid at any time without assigning any reason.
	m	The agency should have successfully completed similar works(definition of similar Work should be clearly defined) during the last 7 Years ending last day of the month Previous to the one in Which bids are received as indicated below: i. Three similar completed works each costing not less than 20% Of the estimated cost of work. OR ii. Two similar completed works each costing not less than 25% of the estimated cost of work OR iii. One similar completed work costing not less than 40% of the estimated cost of work. Similar Work:- The bidder/OEM must have the experience in the field installation of the CCTV cameras and accessories required for surveillance system with successful installation/ completion certification.
	n	Our company reserves the right that if any product, service or equipment is being manufactured, its supply and service must be provided to us by the vendor.
5(ii)		General : Provide Compliance for the following
	a	All activities like Proof of concept on “No Cost No Commitment” (NCNC) basis wherever applicable will be the responsibility of bidders
	b	Bidder should be willing to impart required training during undertaking services & execution of project (if applicable)
	c	Bidder should be willing to sign an exclusive agreement with ITI for smooth execution of the project and all commercial terms will be as per the customer Tender/PO on back-to-back basis.
	d	PBG will be taken from back-end partner, once ITI will be declared L1. Performance Bank Guarantee (PBG) required for the bid will be borne by the selected bidder.
	e	LD Clause: LD shall be as per ITI Clauses (@ 0.5% of order value per week or part thereof subject to a maximum of 10% of the undelivered portion/ the order value (if the item(s) cannot be used unless full supply is made) or to cancel the order and purchase the materials from alternative source at the risk and cost of the supplier) OR as per the customer PO/tender clause whichever is higher.
	f	Payment Terms: a) Payment terms will be as per back to back basis. b) Payment to the vendor shall be done after deduction of all i. LD/recoveries imposed by customer (if any) ii. ITI's margin
		YES/NO

g	The bidder shall give an undertaking for the following: a. To extend a fully back-to-back partnership b. To support ITI and bid in this tender with ITI as lead bidder c. To support ITI for preparation of the tender, post bid clarifications, technical presentations and any other requirements as per tender.	
h	Delivery Schedule: Delivery Schedule as per the customer Bid/Tender/ PO on back-to-back basis.(if applicable)	
i	Consignee Details: As per bid and if any changes will be provided after the award of the work	
j	Bidder will be responsible for any shortcoming in the BOM and the same should be rectified free of cost	
k	Bidder should not be insolvent (Self Declaration).	
l	ITI reserve the right to reject or cancel the bid at any time without assigning any reason.	
5(iii)	Checklist of documents/information to be submitted:	
a	Company Profile	
b	Certificate of Incorporation as per clause 5(i)(a)	
c	Memorandum & Articles of Association	
d	Audited financial statements for the last 3 years (FY 2022-23, 2023-24 & 2024-25).	
e	GST Registration Certificate	
f	Copy of PAN Card	
g	CIN (Corporate Identity Number), if applicable	
h	Any other relevant registration documents on registration with other appropriate authorities (ESI, EPFO, etc.)	
i	Authorization letter in the company letterhead authorizing the person signing the bid for this tender and Power of Attorney (POA).	
j	Undertaking in letter head to indemnify ITI from any claims / penalties / statutory charges, liquidated damages, with legal expenses etc.	
k	Undertakings in Company letter head as per Annexure I.	
l	Bidders Details as per Annexure II.	
m	Clause by clause compliance of tender terms with references to supporting documents as per Annexure III.	
n	Pre-Contract Integrity Pact as per Annexure-V a) "Bidders participating in the tender have to agree to sign Integrity Pact on placement of order / contract" b) "Those bidders who are not willing to sign Integrity Pact will not be considered for bid opening"	

	o	The bidder should give an undertaking on the company's letterhead that all the documents/certificates/information submitted by them against this tender are genuine.
	p	Bidder shall submit technical data sheet by highlighting each complied specification. Wherever technical specifications and operational/functional requirements not mentioned in datasheet, OEM compliance shall be submitted.
	q	Work order / Contract clearly highlighting the scope of work, Bill of Material and value of the contract/order; and Completion / Commission Certificate issued & signed by the competent authority of the client entity on the entity's Letterhead.
	r	Complete tender and customer tender document duly signed and stamped on each page by the bidder be uploaded.
	s	Conditional bids will not be entertained and summarily rejected. Only online bids on https://itilimited.euniwizarde.in portal will be accepted and no physical bids will be accepted.
5(iv)		Financial Bid:
		<p>L1 Evaluation Method:</p> <p>A- Lump sum Quote for supply and service items as per Schedule of Requirements (SoR) and Scope of Work (SoW) in INR (without Taxes)</p> <p>B- Margin to ITI as a percentage of A</p> <p>C - Absolute value of Margin = A*B</p> <p>D- Overall Quoted price=A-C</p> <ul style="list-style-type: none"> • During evaluation bidders with least "D" will be considered as L1. • The bid having higher value of "B" will be selected in case of tied D. • If the bidder is selected, during the final tender submission, the price to be quoted shall not be more than price "A" and the margin offered to ITI shall not be less than "B" <p>SoR & SoW Was as per Tender document and all clarifications & Amendments/Corrigendum</p>

09. Special Conditions of tender:

- a. No advance will be paid to the bidder, even though ITI is eligible to get advance from the customer being a front end bidder.
- b. The selected bidder, who has partnered with ITI for a particular tender/ project shall not partner with any other lead bidder for the same tender/project
- c. If the bidder is selected, during the final tender submission, the margin offered to ITI shall not be less than the quoted price.

10. Special Conditions of TENDER:

- a. No advance will be paid to the bidder, even though ITI is eligible to get advance from the customer being a front end bidder.
- b. The selected bidder, who has partnered with ITI for a particular tender/ project shall not partner with any other lead bidder for the same tender/project
- c. If the bidder is selected, during the final tender submission, the margin offered to ITI shall not be less than the quoted price.

- d. The estimated project amount stated in this document is provisional and subject to revision during the actual bidding process. Consequently, the bidder's quoted amount may also fluctuate (increase or decrease).
- e. The work order for the actual RFP will be awarded based on the ratio of the bidder's quoted amount to the revised estimated project value, as compared to the initial estimated value stated in this document."
- f. The requisite final solution to all the supplied equipments/Services must be end to end support till final solution as per RFP clause.

11. Other Terms and conditions:

Confidentiality

- a) All documents, drawings, samples, data, associated correspondence or other information furnished by or on behalf of the Procuring Entity to the contractor, in connection with the contract, whether such information has been furnished before, during or following completion or termination of the contract are confidential.
- b) If advised by the Procuring Entity, all copies of such information in original shall be returned on completion of the contractor's performance and obligations under this contract.

12. Transparency

All procuring authorities are responsible and accountable to ensure transparency, fairness, equality, competition and appeal rights. This involves simultaneous, symmetric and unrestricted dissemination of information to all likely bidders, sufficient for them to know and understand the availability of bidding opportunities and actual means, processes and time limits prescribed for completion of registration of bidders, bidding, evaluation, grievance redressal, award and management of contracts.

It implies that such officers must ensure that there is consistency, predictability, clarity, openness, equal opportunities in processes.

13. Fall Clause:

Fall clause is a price safety mechanism in rate contracts. The fall clause provides that if the rate contract holder reduces its price or sells or even offers to sell the rate contracted goods or services following conditions of sale similar to those of the rate contract, at a price lower than the rate contract price, to any person or organization during the currency of the rate contract, the rate contract price will be automatically reduced with effect from that date for all the subsequent supplies under the rate contract and the rate contract amended accordingly.

The provisions of fall clause will however not apply to the following:

- i. Export/Deemed Export by the supplier;
- ii. Sale of goods or services as original equipment prices lower than the price charged for normal replacement;
- iii. Sale of goods such as drugs, which have expiry date;
- iv. Sale of goods or services at lower price on or after the date of completion of sale/placement of order of goods or services by the authority concerned, under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Government Departments including new undertakings (excluding joint sector companies and or private parties) and bodies.

14. Price Variation

A suitable price variation formula should also be provided in the tender documents, to calculate the price variation between the base level and scheduled delivery date.

15. Risk Purchase

If the empanelled partner fails to adhere to the quality norms, delivery schedules and other terms and conditions contained in this Tender after acceptance of purchase order and if no agreement is reached on the revised delivery schedule maximum up to 15 Business Days, then buyer shall have the liberty to procure the material from an alternate source at the Empanelled partner's risk and cost, and the Empanelled partner shall be liable to make good the loss incurred by Buyer in this process

16. Indemnity:

The empanelled partner to indemnify ITI from any claims / penalties / statutory charges, liquidated damages, with legal expenses etc as charged by the customer. LD/ Penalties incurred on account of delay in supply, product failure during warranty if any and deficiency in Warranty and AMC services attributable to the partner shall be borne by the partner All terms and conditions of the customer tender/PO will be applicable to the empanelled partner on back to back basis without affecting the margin of ITI.

17. Arbitration:

Any dispute arising out of this TENDER shall be settled and resolved by any such Authorized person appointed by Chairman and Managing Director of ITI Limited.

18. Set Off:

Any Sum of money due and payable to the supplier under this contract may be appropriated by the purchaser or any other person contracting through the ITI and set off the same against any claim of the purchaser for payment of a sum of money arising out of this contract or under any other contract made by the supplier with the purchaser.

19. The interested partner may like to discuss the customer tender related information, TENDER Bidding Conditions, Bidding Process and clarifications, if any with the Deputy General Manager-Marketing

20. Intellectual Property Rights:

- i. All deliverable, outputs, plans, drawings, specifications, designs, reports and other documents and software submitted by the contractor under this contract shall become and remain the property of the procuring entity and subject to laws of copyright and must not be shared with third parties or reproduced, whether in whole or part, without: the procuring entity's prior written consent.
- ii. The contractor shall, not later than upon termination or expiration of this contract, deliver all such documents and software to the procuring entity, together with a detailed inventory thereof.
- iii. The contractor may retain a copy of such documents and software but shall not use it for any commercial purpose.

21. Language of offers:

The offers prepared by the Company and all the correspondences and documents relating to the offers exchanged by the companies shall be written in English language.

22. In the event that ITI is required to provide demonstration or working of the product to their buyers, the same shall be arranged by the bidder selected partner/OEM at latter's cost and expenditure.

23. Cost of TENDER:

The bidder shall bear all costs associated with the preparation and submission of his offer against this TENDER, including cost of presentation for the purposes of clarification of the offer, if so desired by ITI. ITI will, in no case be responsible or liable for those costs, regardless of the conduct or outcome of the TENDER process.

24. Purchaser's Right to accept any bid and to reject any or All Bids or to cancel the TENDER:

ITI Limited reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of purchaser's action.

25. Amendment of TENDER:

At any time prior to the last date for receipt of offers, ITI, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the TENDER document by an amendment. In order to provide prospective bidder reasonable time in which to take the amendment into account in preparing their offers, ITI may, at their discretion, extend the last date for the receipt of offers and/or make other changes in the requirements set out in the Invitation for TENDER.

26. Disclaimer:

ITI and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information, forecasts, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of ITI and/or any of its officers, employees.

27. Accessibility of TENDER Document:

Complete Tender document with terms and conditions is provided in the following websites

- (i) <http://www.itilttd.in>
- (ii) <https://itilimited.euniwizarde.in>
- (iii) <http://eprocure.gov.in>.

Annexure-I

Undertakings (To be in Bidder's Letter Head)

M/sdo here by undertake the following

1. Are not blacklisted by Central Govt./ any State or UP Govt/ PSU/ organized sector in India
2. To work with ITI as per this TENDER and Customer Tender terms and conditions. Also, we agree to implement the project (scope of work as per Tender terms and conditions including investment) covering Warranty& post-warranty services, maintenance etc, in the event of ITI winning the contract on back-to-back basis.
3. To submit Security Deposit of 5% per transaction to customer/ITI (as decided by ITI),
4. that we will be equipped with the required manpower with qualifications, certifications and experience as mentioned in the customer tender.
5. to get required certificate& support (warranty & post-warranty/maintenance) in the name of ITI from the OEM as per customer tender requirement.
6. To obtain relevant statutory licenses for operational activities.
7. to sign MoU/Teaming Agreement, Integrity Pact with ITI for addressing the customer tender as per customer's tender terms and conditions.
8. to indemnify ITI from any claims / penalties/ statutory charges, liquidated damages, with legal expenses etc as charged by the customer.
9. to support the offered equipment for a minimum period of 10 years including warranty and AMC or as per customer tender conditions.
10. To supply equipment/components which conform to the latest year of manufacture.
11. The bidder should give certificate stating that all the hardware/ software supplied under the contract shall not contain any embedded malicious codes that could inhibit the desired functions of the equipment or cause the network to malfunction in any manner.

Annexure-II

Bidders Profile

1.	Name and address of the company			
2.	Contact Details of the Bidder (Contact person name with designation, Telephone Number, FAX, E- mail and Web site)			
3.	Area of the business			
4.	Annual Turnover for financial years (Rs in Cr)	2022-23	2023-24	2024-25
5.	IT Turnover for 3 financial years (Rs in Cr)	2022-23	2023-24	2024-25
6.	Positive Net Worth as on 31.03.2025			
7.	Date of Incorporation,			
8.	GST Registration number			
9.	PAN Number			
10.	CIN Number, if applicable			
11.	Number of manpower in company's rolls			
12.	Work Experience details: Annexure IV			
13.	Certifications details like ISO or any other certification as per requirements of Customer.			

Annexure-III

Compliance Statement

Sl. No.	Clause No.	Clause	Compliance (Complied/Not Complied)	Remarks with Documentary Reference

Annexure- IV

Project Experience

Sl. No.	Name of project	Value	Name of customer	Attached Proof	Documentary

INTEGRITY PACT

TENDER No.

THIS Integrity Pact is made on.....day of 2025.

BETWEEN:

ITI Limited having its Registered & Corporate Office at ITI Bhavan, Dooravaninagar, Bangalore – 560 016 and established under the Ministry of Communications, Government of India (hereinafter called the Principal), which term shall unless excluded by or isrepugnant to the context, be deemed to include its Chairman & Managing Director, Directors, Officers or any of them specified by the Chairman & Managing Director in this behalf and shall also include its successors and assigns) ON THE ONE PART

AND:

..... represented by Chief Executive Officer (hereinafter called the Contractor(s), which term shall unless excluded by or is repugnant to the context be deemed to include its heirs, representatives, successors and assigns of the contractor ON THE SECOND PART.

Preamble:

WHEREAS the Principal intends to award, under laid down organizational procedures, contract for of ITI Limited. The Principal, values full compliance with all relevant laws of the land, regulations, economic use of resources and of fairness/ transparency in its relations with its Contractor(s).

In order to achieve these goals, the Principal has appointed an Independent External Monitor (IEM), who will **monitor** the tender process and the execution of the contract for compliance with the principles as mentioned herein this agreement.

WHEREAS, to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Pact the terms and conditions of which shall also be read as integral part and parcel of the Tender Documents and contract between the parties.

NOW THEREFORE, IN CONSIDERATION OF MUTUAL COVENANTS STIPULATED IN THIS PACT THE PARTIES HEREBY AGREE AS FOLLOWS AND THIS PACT WITNESSETH AS UNDER:

SECTION 1 – COMMITMENTS OF THE PRINCIPAL

The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- a. No employee of the Principal, personally or through family members, will in connection with the TENDER for or the execution of the contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the personal is not legally entitled to.
- b. The Principal will, during the TENDER process treat all bidder(s) with equity and reason. The Principal will in particular, before and during the TENDER process, provide to all bidder(s) the same information and will not provide to any bidder(s) confidential/ additional information through

which the bidder(s) could obtain an advantage in relation to the TENDER process or the contract execution.

- c. The Principal will exclude from the process all known prejudiced persons. If the principal obtains information on the conduct of any of its employee, which is a criminal offence under IPC/PC Act or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary action as per its internal laid down Rules/Regulations.

SECTION 2 – COMMITMENTS OF THE BIDDER / CONTRACTOR

- 2.1 The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself observe the following principles during the participation in the TENDER process and during the execution of the contract.
 - a. The bidder(s)/contractor(s) will not, directly or through any other person or firm offer, promise or give to any of the Principal's employees involved in the TENDER process or the execution of the contract or to any third person any material or other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever (during the TENDER process or during the execution of the contract).
 - b. The bidder(s)/contractor(s) will not enter with other bidders/ contractors into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c. The bidder(s)/contractor(s) will not commit any offence under IPC/PC Act, further the bidder(s)/contractor(s) will not use improperly, for purposes of competition of personal gain, or pass onto others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents /representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any.
 - e. The Bidder(s) f Contractor(s) will, when presenting the bid, disclose any and all payments made, are committed to or intend to make to agents, brokers or any other intermediaries in connection with the award of the contract.
 - f. The Bidder(s)/Contractor(s) will not bring any outside influence and Govt bodies directly or indirectly on the bidding process in furtherance to his bid.
 - g. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or to be an accessory to such offences.

SECTION 3 – DISQUALIFICATION FROM TENDER PROCESS & EXCLUSION FROM FUTURE CONTRACTS

If the Bidder(s)/Contractor(s), during TENDER process or before the award of the contract or during

execution has committed a transgression in violation of Section 2, above or in any other form such as to put his reliability or credibility in question the Principal is entitled to disqualify Bidder(s)/Contractor(s) from the TENDER process.

If the Bidder(s)/Contractor(s), has committed a transgression through a violation of Section 2 of the above, such as to put his reliability or credibility into question, the Principal shall be entitled exclude including blacklisting for future TENDER/contract award process. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the Principal taking into consideration the full facts and circumstances of each case, particularly taking into account the number of transgression, the position of the transgressor within the company hierarchy of the Bidder(s)/Contractor(s) and the amount of the damage. The exclusion will be imposed for a period of minimum one year.

The Bidder(s)/Contractor(s) with its free consent and without any influence agrees and undertakes to respect and uphold the Principal's absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground including the lack if any hearing before the decision to resort to such exclusion is taken. The undertaking is given freely and after obtaining independent legal advice.

A transgression is considered to have occurred if the Principal after due consideration of the available evidence concludes that based on facts available there are no material doubts.

The decision of the Principal to the effect that breach of the provisions of this Integrity Pact has been committed by the Bidder(s)/ Contractor(s) shall be final and binding on the Bidder(s)/ Contractor(s), however the Bidder(s)/Contractor(s) can approach IEM(s) appointed for the purpose of this Pact.

On occurrence of any sanctions/ disqualifications etc arising out from violation of integrity pact Bidder(s)/ Contractor(s) shall not entitled for any compensation on this account.

Subject to full satisfaction of the Principal, the exclusion of the Bidder(s)/Contractor(s) could be revoked by the Principal if the Bidder(s)/ Contractor(s) can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption preventative system in his organization.

SECTION 4 – PREVIOUS TRANSGRESSION

4.1 The Bidder(s)/ Contractor(s) declares that no previous transgression occurred in the last 3 years immediately before signing of this Integrity Pact with any other company in any country conforming to the anti-corruption/ transparency International (TI) approach or with any other Public Sector Enterprises/ Undertaking in India of any Government Department in India that could justify his exclusion from the TENDER process.

4.2 If the Bidder(s)/ Contractor(s) makes incorrect statement on this subject, he can be disqualified from the TENDER process or action for his exclusion can be taken as mentioned under Section-3 of the above for transgressions of Section-2 of the above and shall be liable for compensation for damages as per Section- 5 of this Pact.

SECTION 5 – COMPENSATION FOR DAMAGE

5.1 If the Principal has disqualified the Bidder(s)/Contractor(s) from the TENDER process prior to the award according to Section 3 the Principal is entitled to forfeit the Earnest Money Deposit/Bid Security/ or demand and recover the damages equitant to Earnest Money Deposit/Bid Security apart

from any other legal that may have accrued to the Principal.

5.2 In addition to 5.1 above the Principal shall be entitled to take recourse to the relevant provision of the contract related to termination of Contract due to Contractor default. In such case, the Principal shall be entitled to forfeit the Performance Bank Guarantee of the Contractor or demand and recover liquidate and all damages as per the provisions of the contract agreement against termination.

SECTION 6 – EQUAL TREATMENT OF ALL BIDDERS/CONTRACTORS

6.1 The Principal will enter into Integrity Pact on all identical terms with all bidders and contractors for identical cases.

6.2 The Bidder(s)/Contractor(s) undertakes to get this Pact signed by its subcontractor(s)/sub-empanelled partner(s)/ associate(s), if any, and to submit the same to the Principal along with the TENDER document/contract before signing the contract. The Bidder(s)/Contractor(s) shall be responsible for any violation(s) of the provisions laid down in the Integrity Pact Agreement by any of its subcontractors/ sub-empanelled partners / associates.

6.3 The Principal will disqualify from the TENDER process all bidders who do not sign this Integrity Pact or violate its provisions.

SECTION 7 – CRIMINAL CHARGES AGAINST VIOLATING BIDDER(S)/CONTRACTORS

7.1 If the Principal receives any information of conduct of a Bidder(s)/Contractor(s) or subcontractor/ sub-empanelled partner/associates of the Bidder(s)/Contractor(s) which constitutes corruption or if the principal has substantive suspicion in this regard, the principal will inform the same to the Chief Vigilance Officer of the Principal for appropriate action.

SECTION 8 – INDEPENDENT EXTERNAL MONITOR(S)

8.1 The Principal appoints competent and credible Independent External Monitor(s) for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this pact.

Details of IEM appointed by ITI are as under:

Name: Shri Atul Jindal IFS (Retd.),
Independent External Monitor (IEM)

Address- 3/10 Vishesh Khand Opp. Little Friend School Gomti Nagar,
Lucknow-226010(UP)

E-mail: atulindia1947@gmail.com

IEM – II

Shri Benny John, IRS (Retd.),
Villa No. 36, Kent Plam Villas,
Fort Valley Township, Athani,
Kakkanad, Ernakulam,
Kerala – 682 030

- 8.2 The Monitor is not subject to any instructions by the representatives of the parties and performs his functions neutrally and independently. He will report to the Chairman and Managing Director of the Principal.
- 8.3 The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all product documentation of the Principal including that provided by the Bidder(s)/Contractor(s). The Bidder(s)/Contractor(s) will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The Monitor is under contractual obligation to treat the information and documents Bidder(s)/Contractor(s) with confidentiality.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the project provided such meeting could have an impact on the contractual relations between the Principal and the Bidder(s)/Contractor(s). As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in specific manner, refrain from action or tolerate action.
- 8.5 The Monitor will submit a written report to the Chairman & Managing Director of the Principal within toWeeks from the date of reference or intimation to him by the principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.6 If the Monitor has reported to the Chairman & Managing Director of the Principal a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman & Managing Director of the principal has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 8.7 The word 'Monitor' would include both singular and plural.

SECTION 9 - FACILITATION OF INVESTIGATION

- 9.1 In case of any allegation of violation of any provisions of this Pact or payment of commission, the Principal or its agencies shall be entitled to examine all the documents including the Books of Accounts of the Bidder(s)/Contractor(s) and the Bidder(s)/Contractor(s) shall provide necessary information and documents in English and shall extend all help to the Principal for the purpose of verification of the documents.

SECTION 10 - LAW AND JURISDICTION

- 1.1 The Pact is subject to the Law as applicable in Indian Territory. The place of performance and jurisdiction shall the seat of the Principal.
- 1.2 The actions stipulated in this Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extent law in force relating to any civil or criminal proceedings.

SECTION 11 – PACT DURATION

This Pact begins when both the parties have legally signed it. It expires after 1 year on completion of the warranty/ guarantee period of the project /work awarded, to the fullest satisfaction of the Principal.

If the Bidder(s)/Contractor(s) is unsuccessful, the Pact will automatically become invalid after three months on evidence of failure on the part of the Bidder(s)/Contractor(s).

If any claim is lodged/made during the validity of the Pact, the same shall be binding and continue to be valid despite the lapse of the Pact unless it is discharged/determined by the Chairman and Managing Director of the Principal.

SECTION 12 - OTHER PROVISIONS

12.1 This pact is subject to Indian Law, place of performance and jurisdiction is the Registered & Corporate office of the Principal at Bengaluru.

12.2 Changes and supplements as well as termination notices need to be made in writing by both the parties. Side agreements have not been made.

12.3 If the Bidder(s)/Contractor(s) or a partnership, the pact must be signed by all consortium members and partners.

12.4 Should one or several provisions of this pact turn out to be invalid, the remainder of this pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions

12.3 Any disputes/ difference arising between the parties with regard to term of this Pact, any action taken by the Principal in accordance with interpretation thereof shall not be subject to any Arbitration.

12.4 The action stipulates in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

In witness whereof the parties have signed and executed this Pact at the place date first done mentioned in the presence of the witnesses:

For PRINCIPAL

For BIDDER(S)/CONTRACTOR(S)

.....

.....

Name Designation

Name Designation

Witness

1.

1.

2.

2.

Item no. 1- PTZ CCTV Camera Dome, IP, 4 MP, IR150M, PTZ

S/N	Features/Parameters	Specification
1	Image Sensor Type	CMOS
2	Image Sensor size	1/2.8" or higher
3	Resolution	D1 (704 x 480 Pixel), HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel), (2560X1440) / or higher
4	Day/ Night capable	Yes
5	IR illumination range in Mtrs	150 Mtrs. or higher
6	Type of camera housing	Dome
7	IP camera	Yes
8	PTZ camera	Yes
9	Lens type	Motorized varifocal
10	Focal length	4.4 (\pm 1) mm to 135mm or higher
11	Iris control	Yes
12	Focus mode	Auto, Zooming, Manual, One Push
13	Frame rates FPS	25/30 or higher
14	Video compression	H.265, H.264, MPEG
15	Video streaming	Triple compressed stream (at least 2 streams should support 25/30FPS) or better
16	Panning range	0 to 360
17	PAN speed (deg/sec)	180 Degree /Sec
18	Tilting range	-10 to 90 degree
19	Tilt speed (deg/sec)	90 -205
20	Optical zoom	30X or higher
21	Digital zoom	16x or higher
22	Audio support	Yes
23	Audio compression	G.711/AAC
24	Audio streaming	Two way
25	Number of audio Input channel	1 or higher
26	Number of audio output channel	1 or higher
27	External microphone support	Yes
28	Alarm support	Yes
29	Security multi-level user ID/Password	Yes
30	IP address filtering	Yes
31	Minimum illumination (lux)	Colour: 0.03lux@F1.69, or Higher
32	Electronic shutter speed (Sec)	1/15 s–1/30,000 s or better
33	WDR (Wide Dynamic Range)	120dB or higher
34	SNR (Signal to Noise Ratio)	\geq 50 dB
35	White Balance (Indoor/Outdoor/Manual)	Yes
36	AGC (Automatic Gain Control) (ON Off selectable)	Yes
37	Back Light Compensation	Yes
38	Image stabilization	Yes
39	High Light compensation	Yes
40	ONVIF support	ONVIF Profile S, G & T (Should be registered on the ONVIF web portal)

41	Supported protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, RTP, RTCP, RTSP, SMTP, NTP, SNMP, TLS/SSL, ICMP, IGMPv2 & v3, ARP, 802.1x, IPv4, IPv6, QoS Layer 3, UPnP/Bonjour or STQC approved Protocols
42	Presets	256
43	Group Touring	8
44	Pattern	4
45	On Board storage SD card support	Yes, (Micro SD Card Slot), Automatic Network Recovery (ANR) feature
46	SD Card Memory (GB)	Supported up to 512 GB (256 GB Loaded with camera)
47	Remote Administration (Remote configuration and status using web-based tool)	Yes
48	Web Client (Viewer through HTTP system configuration)	Yes
49	Protection	IP67 complied & with MTBF 100000 Hrs
50	Vandal Resistant Housing IK rating	IK 10 complied
51	Power supply Input	PoE (802.3at), DC 12V or 24 V /2-3A \pm 10%
52	Operating Temperature Range	0°C- 60°C or better
53	Relative Humidity Non-Condensing (%)	0-95%
54	Camera Type	PTZ
55	Certifications	<p>(A). Availability of security testing report for CCTV/ VSS issued by Standardization Testing and Quality certification Laboratory or any other agency notified by MeitY: Yes (STQC) ER (Essential Requirements) (Complying to the requirement of clause 5 of S.O.1119 (E) on the subject: Public Procurement (Preference to make in India) Order 2017-Notifying CCTV/Video Surveillance System for Security in furtherance of the order at dated 6th March, 2024 or Latest)</p> <p>(B). BIS Registration</p> <p>(C) The offered CCTV cameras shall comply with testing and security requirements as per MeitY Circular No. W-18/26/2025-IPHW dated 04.02.2026 issued under PPP-MII Order. CCTV cameras shall be tested and certified by MeitY recognized laboratories.</p> <p>(D). Agree to provide all relevant documents Test Report/Supporting document/Reports etc. to the buyer at the time of bidding or on demand: Yes (At the time of bidding)</p> <p>(E) The MAC ID shall be registered in the name of the OEM. Documentary evidence / OEM undertaking to this effect shall be submitted by the bidder along with the bid</p>

Item no. 2 CCTV camera, BULLET, IP, 4MP IR 50M, O/DR

SI No.	Features/Parameters	Specification
1	Image Sensor Type	CMOS
2	Image Sensor size	1/2.8" or higher
3	Resolution	4CIF (704 x 480 Pixel), HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel), 4MP (2560X1440) or higher
4	Camera image Sensing capacity (picture mode)	4MP or higher
5	Day/ Night capable	Yes
6	IR illumination range in Mtrs	50 Mtrs. or higher
7	Type of camera housing	Bullet/box
8	IP camera	Yes

9	Lens type	Motorized varifocal
10	Focal length	2.8mm~12.0mm or higher

11	Focus mode	Auto, Zooming, Manual
12	Frame rates FPS	25/30 or higher
13	Video compression	H.265, H.264, MPEG
14	Video streaming	Triple compressed stream (at least 2 streams should support 25/30FPS) or better
15	Digital zoom	Yes
16	Audio support	Yes
17	Alarm support	Yes
18	Security multi-level user ID/Password	Yes
19	IP address filtering	Yes
20	Minimum illumination (lux)	Color - 0.01 Lux @ F1.4 (AGC ON) Monochrome - 0 Lux
21	Electronic shutter speed (Sec)	1/8 to 1/30000 sec or better
22	WDR (Wide Dynamic Range)	120dB or higher
23	SNR (Signal to Noise Ratio)	50-60dB
24	White Balance (Indoor/Outdoor/Manual)	Yes
25	AGC (Automatic Gain Control) (ON Off selectable)	Yes
26	Back Light Compensation	Yes
27	High Light Compensation	Yes
28	ONVIF support	ONVIF Profile S, G & T (Should be registered on the ONVIF web portal)
29	Supported protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, RTP, RTCP, RTSP, SMTP, NTP, SNMP, TLS/SSL, ICMP, IGMPv2 & v3, ARP, 802.1x, IPv4, IPv6, QoS Layer 3, UPnP/Bonjour or STQC approved Protocols
30	Video Content Analytics (VCA)	Motion Detection, View Tampering, Trip wire, Object Intrusion, Missing Object, Suspicious Object, Loitering, Object Counting.
31	Privacy zones	4 or higher
32	On Board storage SD card support	Yes, (Micro SD Card Slot), Automatic Network Recovery (ANR) feature
33	SD Card Memory (GB)	Supported up to 256GB (256GB Loaded with camera)
34	Remote Administration (Remote configuration and status using web-based tool)	Yes
35	Web Client (Viewer through HTTP system configuration)	Yes
36	Protection	IP 67 & MTBF with 100000 Hrs
37	Vandal Resistant Housing IK rating	IK 10
38	Power supply Input	PoE(802.3at/af), DC 12V or 24 V /2-3A \pm 10%
39	Operating Temperature Range	0°C- 60°C or better
40	Relative Humidity Non-Condensing (%)	0-95%
41	Certifications	(A). Availability of security testing report for CCTV/ VSS issued by Standardization Testing and Quality certification Laboratory or any other agency notified by MeitY : Yes (STQC) ER (Essential Requirements) (Complying to the requirement of clause 5 of S.O.1119 (E) on the subject: Public Procurement

	(Preference to make in India) Order 2017-Notifying CCTV/Video Surveillance System for Security in furtherance of the order at dated 6th March, 2024 or Latest)
	(B). BIS Registration
	(C)The offered CCTV cameras shall comply with testing and security requirements as per MeitY Circular No. W-18/26/2025-IPHW dated 04.02.2026 issued under PPP-MII Order. CCTV cameras shall be tested and certified by MeitY recognized laboratories.
	(D). Agree to provide all relevant documents Test Report/Supporting document/Reports etc. to the buyer at the time of bidding or on demand: Yes (At the time of bidding)
	(E) The MAC ID shall be registered in the name of the OEM. Documentary evidence / OEM undertaking to this effect shall be submitted by the bidder along with the bid

Item no. 3- CAM CCTV Camera Dome, IP, 4 MP IR 40 Mtr

S/N	Features/Parameters	Specification
1	Image Sensor Type	CMOS
2	Image Sensor size	1/2.8" or higher
3	Resolution	4CIF (704 x 480 Pixel), HD (1280 x 720 Pixel), Full HD (1920 x 1080 Pixel), (2560X1440) / or higher
4	Camera image Sensing capacity	4MP or higher
5	Day/ Night capable	Yes
6	IR illumination range in Mtrs	40 Mtrs. or higher
7	Type of camera housing	Dome
8	IP camera	Yes
9	Lens type	Fixed
10	Focal length (mm)	2.8 mm or Lower
11	Focus mode	Manual
12	Frame rates FPS	25/30 or higher
13	Video compression	H.265, H.264, MPEG
14	Video streaming	Triple compressed stream (at least 2 streams should support 25/30FPS) or better
15	Digital zoom	Yes
16	Audio support	Yes
17	Alarm support	Yes
18	Security multi-level user ID/Password	Yes
19	Minimum illumination (lux)	Color - 0.01 Lux @ F1.4 (AGC ON) Monochrome - 0 Lux
20	Electronic shutter speed (Sec)	1/8 to 1/30000 sec or better
21	WDR (Wide Dynamic Range)	120dB or higher
22	SNR (Signal to Noise Ratio)	50-60dB
23	White Balance (Indoor/Outdoor/Manual)	Yes
24	AGC (Automatic Gain Control) (ON Off selectable)	Yes
25	Back Light Compensation	Yes
26	ONVIF support	ONVIF Profile S, G & T (Should be registered on the ONVIF web portal)
27	Supported protocol	TCP/IP, UDP, HTTP, HTTPS, DHCP, DNS, RTP, RTCP, RTSP, SMTP, NTP, SNMP, TLS/SSL, ICMP, IGMPv2 & v3, ARP, 802.1x, IPv4, IPv6, QoS Layer 3, UPnP/Bonjour or STQC approved Protocols
28	Privacy zones	4 or higher

29	On Board storage SD card support	Yes, (Micro SD Card Slot) Automatic Network Recovery (ANR) feature
30	SD Card Memory (GB)	Supported up to 256 GB (256 GB Loaded with camera)
31	Remote Administration (Remote configuration and status using web-based tool)	Yes
32	Web Client (Viewer through HTTP system)	Yes

	configuration)	
33	Vandal Resistant Housing IK rating	IK 10
34	Protection	IP 67 & MTBF with 100000 hrs
35	Power supply Input	PoE (802.3at), DC 12V or 24 V /2-3A ±10%
36	Operating Temperature Range	0°C- 60°C or better
37	Relative Humidity Non-Condensing (%)	0-95%
38	Certifications	<p>(A). Availability of security testing report for CCTV/ VSS issued by Standardization Testing and Quality certification Laboratory or any other agency notified by MeitY : Yes (STQC) ER (Essential Requirements) (Complying to the requirement of clause 5 of S.O.1119 (E) on the subject: Public Procurement (Preference to make in India) Order 2017-Notifying CCTV/Video Surveillance System for Security in furtherance of the order at dated 6th March, 2024 or Latest)</p> <p>(B). BIS Registration</p> <p>(C)The offered CCTV cameras shall comply with testing and security requirements as per MeitY Circular No. W-18/26/2025-IPHW dated 04.02.2026 issued under PPP-MII Order. CCTV cameras shall be tested and certified by MeitY recognized laboratories.</p> <p>(D). Agree to provide all relevant documents Test Report/Supporting document/Reports etc. to the buyer at the time of bidding or on demand: Yes (At the time of bidding)</p> <p>(E) The MAC ID shall be registered in the name of the OEM. Documentary evidence / OEM undertaking to this effect shall be submitted by the bidder along with the bid</p>

Item no. 04- RECORDER, NVR64 channel

S/N	Features/Parameters	Specification
1	Total Number of Input channels	64
2	Maximum recording resolution support	4K or higher
3	Supported Video Compression Technique	H.264, H.265
4	Maximum Number of cameras to be viewed on a single display	64
5	Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection)	4 or Higher
6	Recording speed	up to 25/30 fps
7	Incoming and output bandwidth limit (Mbps)	(384 Mbps Uplink and 384 Mbps) or higher Downlink Throughput
8	Digital Zoom	Yes
9	Audio support	Yes
10	Audio Input	1 CH
11	Audio Output	1 CH
12	Two-way audio system	Yes
13	Multi-level user ID password security	Yes
14	Alarm support	Yes

15	Alarm input	(1) CH
16	Alarm output	(1) CH
17	Pre / Post Alarm Buffer	Yes
18	Pre-Alarm Recording	30 sec
19	Post-Alarm Recording	30 sec
20	Operating System Supported	Linux/Window
21	Supported Network Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UDP, SNMP, NTP, DHCP, DNS, SMTP, UPnP, IP Filter, DDNS, Alarm Server, Multicast.
22	Supported interface	2 x RJ45 Ethernet 10/100/1000 Base TX, 2x HDMI (2 nd port through convertor will be acceptable), 2x USB (1USB2.0, 1USB3.0) ports
23	Search	Date, Time, Calendar, Channel, Event, Motion, Time line-based SEARCH
24	Play Back	Forward, Backward, adjustable playback speed, Full Screen,
25	Page preview	Video Window, Video matrix, Event monitor, Alarm monitoring window, Health monitoring window
26	Total Management	Delete, Group management, Remote Data Export, STORAGE, ALARM MANAGEMENT, USER MANAGEMENT
27	Camera Management	Add, Edit, Delete, Use Master account, Use Specific account,
28	Internal Hard Drive Interface	SATAIII
29	Internal Storage Expandable 8	Up to (TB) 80
30	Number of Hard Disks supported	Minimum 8 for 8/10/16TB HDD each sata port
31	Redundancy Option	RAID 1, RAID 5, RAID 6/10 or higher
32	Salient Features	On Screen Display (In English), Drivers / Compatible Software (Wherever Applicable) Part of Supply, recording schedule support, Bandwidth Control, Page preview support, Capability of Recorder to Work with Other Makes of CCTV Cameras (ONVIF support)
33	Events	Motion Detection, View Tampering, Trip wire, Object Intrusion, Start, Recording Fail, Camera offline, Camera online
34	ONVIF support (inter-operability)	ONVIF Profile S, (Should be registered on the ONVIF web portal)
35	Operating temperature	0 to 50-degree C
36	Humidity	90 - 95%
37	Power input	230Volt AC + 10%
38	Certifications	(A). ONVIF Profile S Compatibility Certificate Required. (B). BIS Registration (C). Agree to provide all relevant documents Test Report/Supporting document/Reports etc. to the buyer at the time of bidding or on demand : Yes (At the time of bidding) (D) The MAC ID shall be registered in the name of the OEM. Documentary evidence / OEM undertaking to this effect shall be submitted by the bidder along with the bid

Item no. 5- RECORDER, NVR 32CH

S/N	Features/Parameters	Specification
1	Total Number of Input channels	32 CH
2	Maximum recording resolution support	4K (3840 × 2160) or higher

3	Supported Video Compression Technique	H.264, H.265
4	Maximum Number of cameras to be viewed on a single display	32
5	Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection)	4 or higher
6	Recording speed	up to 25/30 fps
7	Incoming and output bandwidth limit (Mbps)	320 Mbps Uplink and 320 Mbps Downlink Throughput
8	Digital Zoom	Yes
9	Audio support	Yes
10	Audio Input	1 CH
11	Audio Output	1 CH
12	Two-way audio system	Yes
13	Multi-level user ID password security	Yes
14	Alarm support	Yes
15	Alarm input	1 CH
16	Alarm output	1 CH
17	Pre / Post Alarm Buffer	Yes
18	Pre-Alarm Recording	30 sec
19	Post-Alarm Recording	30 sec
20	Operating System Supported	Linux/Window
21	Supported Network Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, NTP, DHCP, DNS, SMTP, UPnP, DDNS, Alarm Server, Multicast, P2P.
22	Supported interface	2 x RJ45 Ethernet 10/100/1000 Base TX, 2x HDMI (2 nd port through convertor will be acceptable), 2x USB (1USB2.0, 1USB3.0) ports
23	Search	Date, Time, Calendar, Channel, Event, Motion, Time line-based SEARCH
24	Bookmarks	Forward, Backward, adjustable playback speed, Full Screen,
25	Page preview	Video Window, Video matrix, Event monitor, Alarm monitoring window, Health monitoring window
26	Total Management	Delete, Group management, Remote Data Export, STORAGE,ALARM MANAGEMENT,USER MANAGEMENT
27	Camera Management	Add, Edit, Delete, Use Master account, Use Specific account,
28	Internal Hard Drive Interface	SATAIII
29	Internal Storage Expandable	Up to 32 (TB)
30	Number of Hard Disks supported	Minimum 4 for 8TB/16TB HDD
31	Redundancy Option	RAID 1, RAID 5, RAID 6/10 or higher
32	Salient Features	On Screen Display (In English),Drivers / Compatible Software (Wherever Applicable) Part Of Supply, Recording schedule support, Bandwidth Control, Page preview support, Capability of Recorder to Work with Other,Makes of CCTV Cameras (ONVIF support)
33	Events	Motion Detection, View Tampering, Trip wire, Object Intrusion, Start, Recording Fail, Camera offline, Camera online
34	ONVIF support (interoperability)	ONVIF Profile S
35	Operating temperature	0 to 50-degree C
36	Humidity	90 - 95%
37	Power input	230Volt AC + 10%
38	Certifications	(A). ONVIF Profile S (Should be registered on the ONVIF web portal) (B). BIS Registration

Item no. 6- RECORDER, NVR 16 CH (W/O HDD)

S/N	Features/Parameters	Specification
1	Total Number of Input channels	16 CH
2	Maximum recording resolution support	4K (3840 × 2160) or higher
3	Supported Video Compression Technique	H.264, H.265
4	Maximum Number of cameras to be viewed on a single display	16
5	Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection)	4 or higher
6	Recording speed	up to 25/30 fps
7	Incoming and output bandwidth limit (Mbps)	128 Mbps Uplink and 128 Mbps Downlink Throughput
8	Digital Zoom	Yes
9	Audio support	Yes
10	Audio Input	1 CH
11	Audio Output	1 CH
12	Two-way audio system	Yes
13	Multi-level user ID password security	Yes
14	Alarm support	Yes
15	Alarm input	2CH
16	Alarm output	1CH
17	Pre / Post Alarm Buffer	Yes
18	Pre-Alarm Recording	30 sec
19	Post-Alarm Recording	30 sec
20	Operating System Supported	Linux/Window
21	Supported Network Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, NTP, DHCP, DNS, SMTP, UPnP, DDNS, Alarm Server, Multicast, P2P.
22	Supported interface	2 RJ-45 PORT, 1x HDMI, 2x USB (1USB2.0, 1USB3.0) ports
23	Search	Date, Time, Calendar, Channel, Event, Motion, Time line-based SEARCH
24	Playback	Forward, Backward, adjustable playback speed, Full Screen,
25	Page preview	Video Window, Video matrix, Event monitor, Alarm monitoring window, Health monitoring window
26	Total Management	Delete, Group management, Remote Data Export, STORAGE, ALARM MANAGEMENT, USER MANAGEMENT
27	Camera Management	Add, Edit, Delete, Use Master account, Use Specific account,
28	Internal Hard Drive Interface	SATAIII
29	Internal Storage Expandable	Up to 16 (TB)
30	Number of Hard Disks supported	2 sata, minimum hdd support 8tb/10/16tb per sata
31	Redundancy Option	Optional

32	Salient Features	On Screen Display (In English), Drivers / Compatible Software (Wherever Applicable) Part Of Supply, Recording schedule support, Bandwidth Control, Page preview support, Capability of Recorder to Work with Other Makes of CCTV Cameras (ONVIF support)
33	Events	Motion Detection, View Tampering, Trip wire, Object Intrusion, Start, Recording Fail, Camera offline, Camera online
34	ONVIF support (interoperability)	ONVIF Profile S, (Should be registered on the ONVIF web portal)
35	Operating temperature	0 to 50-degree C
36	Humidity	90 - 95%
37	Power input	230Volt AC + 10%
38	Certifications	(A). ONVIF Profile S, (Should be registered on the ONVIF web portal)
		(B). BIS Registration
		(C). Agree to provide all relevant documents Test Report/Supporting document/Reports etc. to the buyer at the time of bidding or on demand: Yes (At the time of bidding) (D) The MAC ID shall be registered in the name of the OEM. Documentary evidence / OEM undertaking to this effect shall be submitted by the bidder along with the bid

Item no. 7- RECORDER, NVR 8CH

S/N	Features/Parameters	Specification
1	Total Number of Input channels	8 CH
2	Maximum recording resolution support	4K (3840 × 2160) or higher
3	Supported Video Compression Technique	H.264, H.265
4	Maximum Number of cameras to be viewed on a single display	8
5	Simultaneous Monitoring Connections for All Cameras (Users in Local Network for Client Connection)	4 or higher
6	Recording speed	up to 25/30 fps
7	Incoming and output bandwidth limit (Mbps)	64 Mbps Uplink and 64 Mbps Downlink Throughput or Higher
8	Digital Zoom	Yes
9	Audio support	Yes
10	Audio Input	1 CH
11	Audio Output	1 CH
12	Two-way audio system	Yes
13	Multi-level user ID password security	Yes
14	Alarm support	Yes
15	Alarm input	2CH
16	Alarm output	1CH
17	Pre / Post Alarm Buffer	Yes
18	Pre-Alarm Recording	30 sec
19	Post-Alarm Recording	30 sec
20	Operating System Supported	Linux/ window
21	Supported Network Protocols	HTTP, HTTPS, TCP/IP, IPv4, UDP, NTP, DHCP, DNS, SMTP, UPnP, DDNS, Alarm Server, Multicast, P2P.
22	Supported interface	1 x RJ45 Ethernet 10/100/1000 Base TX, 1x HDMI, 2x USB (1USB2.0, 1USB3.0) ports

23	Search	Date, Time, Calendar, Channel, Event, Motion, Time line-based SEARCH
24	Play back	Forward, Backward, adjustable playback speed, Full Screen,
25	Page preview	Video Window, Video matrix, Event monitor, Alarm monitoring window, Health monitoring window
26	Total Management	Delete, Group management, Remote Data Export, STORAGE, ALARM MANAGEMENT, USER MANAGEMENT
27	Camera Management	Add, Edit, Delete, Use Master account, Use Specific account,
28	Internal Hard Drive Interface	SATAIII
29	Internal Storage Expandable	8 (TB) or higher
30	Number of Hard Disks supported	Minimum 1 for 8/10/16TB
31	Redundancy Option	Optional
32	Salient Features	On Screen Display (In English), Drivers / Compatible Software (Wherever Applicable) Part of Supply, recording schedule support, Bandwidth Control, Page preview support, Capability of Recorder to Work with Other Makes of CCTV Cameras (ONVIF support)
33	Events	Motion Detection, View Tampering, Trip wire, Object Intrusion, Start, Recording Fail, Camera offline, Camera online
34	ONVIF support (interoperability)	ONVIF Profile S
35	Operating temperature	0 to 50-degree C
36	Humidity	90 - 95%
37	Power input	230Volt AC + 10%
38	Certifications	(A). ONVIF Profile S, (Should be registered on the ONVIF web portal)

		(B). BIS Registration
		(C). Agree to provide all relevant documents Test Report/Supporting document/Reports etc. to the buyer at the time of bidding or on demand : Yes (At the time of bidding)
		(D) The MAC ID shall be registered in the name of the OEM. Documentary evidence / OEM undertaking to this effect shall be submitted by the bidder along with the bid

Item no. 8- HARD DISK INTERNAL 16TB

SN	Specification	Allowed Values
1	Type	Internal
2	Form factor	3.5
3	Capacity	16 TB (Terabyte)
4	Interface	SATA 6Gb/s
5	Workload Rating (TB/year)	550
6	OS Supported	Window
7	Standard Accessories to be supplied	SATA CABLE
8	Bay Count Support	64
9	Cache (MB)	256MB

Item no. 9- HARD DISK INTERNAL 8TB

SN	Specification	Allowed Values
1	Type	Internal
2	Form factor	3.5
3	Capacity	8 TB (Terabyte)
5	Interface	SATA 6Gb/s
6	Workload Rating (TB/year)	550

7	OS Supported	Window
8	Standard Accessories to be supplied	SATA CABLE
10	Bay Count Support	64
11	Cache (MB)	256MB

Item no. 10- 75” LED display

SN	Specification	Allowed Values
1	Display Type/Technology	LED (Light Emitting Diode)
2	Panel type	IPS
3	Screen Size	75 Inches
4	Maximum Resolution (Pixels) supported	4K Ultra HD: 3840x2160
5	Operating System	Android/Web OS/Tizen/Linux or higher.
6	Static contrast Ratio	1200:1
7	Brightness (Nits)	440-499
8	Response Time (ms)	8
9	Composite Video Input (s)	1 (Side, Mini jack)
10	HDMI inputs total	2 (Side)
11	Analog Audio Input (s)	1 (Side)
12	Digital Audio Output (s)	1 (Side)
13	Duty Cycle	24x7

14	USB ports	2 (Side)
15	Ethernet ports	1 (Side)
16	Wi-Fi Direct	Yes
17	Built in Wi-Fi	Yes
18	Inbuilt speaker	2(10W+10W)
19	On-board Storage (GB)	16GB
20	Input Power rated voltage	230 (+-10%) Volts AC, 50Hz
21	Rated Power Consumption	230-306 Watts
22	Power Consumption (in Standby)	0.5 W
23	Dynamic Backlight Control	Yes
24	Power Saving Mode / Back Light Off Mode	Yes
25	On Screen Clock	Yes
26	Sleep Timer	Yes
27	On/Off Timer	Yes
28	Chromecast built-in	Yes
29	Accessories (In the scope of supply)	Remote Control, battery of remote, Wall Mounting Bracket, cables, connectors, table Stand etc.

Item no. 11- 55” LED display

SN	Specification	Allowed Values
1	Screen Size (Diagonal) Minimum (cm)	55"
2	Panel Technology	IPS
3	Orientation	Landscape & Orientation
4	Native Resolution (Pixels)	3,840 x 2,160 (4K UHD)
5	Operating System	Android/Web OS/Tizen/Linux or higher.
6	Aspect Ratio	16:09
7	Brightness (Nits) Minimum	400 nits
8	Native Contrast Ratio (Minimum)	1100:01:00
9	Viewing Angle (Horizontal: Vertical)	178/178
10	Response Time (milli seconds)	8ms
11	Wattage of Speakers	Built in Speaker (10W + 10W)

12	Processor	Cortex-A55 x4,1.1GHz, Mali G31 MP2, Open GL ES3.2
13	Input	HDMI 1.4 (2), USB 2.0 (2), HDCP 2.2
14	Output	Stereo mini Jack
15	Duty Cycle	24x7
16	Special Features Inbuilt SOC OS	Bluetooth, Built-In WI-FI, 16 GB Inbuilt Memory, 2 GB RAM.
17	Certificates	BIS & MII

Item no. 12- 32" LED display

SN	Specification	Allowed Values
1	Screen Size (Diagonal) Minimum (cm)	32"
2	Panel Technology	IPS
3	Orientation	Landscape & Orientation
4	Native Resolution (Pixels)	(1366x768) HD or better
5	Operating System	Android/Web OS/Tizen/Linux or higher.
6	Aspect Ratio	16:09
7	Brightness (Nits) Minimum	350 nits
8	Native Contrast Ratio (Minimum)	1100:01:00
9	Viewing Angle (Horizontal: Vertical)	178/178
10	Response Time (milli seconds)	8ms
11	Wattage of Speakers	Built in Speaker (10W + 10W)
12	Processor	Cortex-A55 x4,1.1GHz, Mali G31 MP2, Open GL ES3.2
13	Input	HDMI 1.4 (2), USB 2.0 (2), SPDIF Out
14	Output	Stereo mini Jack
15	Duty Cycle	24x7
16	Special Features Inbuilt SOC OS	Bluetooth, Built-In WI-FI, 8 GB Inbuilt Memory, 1.5 GB RAM,
17	Certificates	BIS & MII

Item no. 13- 23-24” LED display

SN	Specification	Allowed Values
1	Display Type/Technology	LED Backlit
2	Panel type	IPS
3	Screen Size	23 to 24" Inches
4	Maximum Resolution (Pixels) supported	FHD: 1920x1080
5	Aspect Ratio	16:9
6	Brightness	Minimum 250 cd/m2
7	Response Time	8 ms or less
8	Onboard ports	HDMI=1, VGA=1, Display Port=1, Headphone out=1
9	Input Power rated voltage	230 (+-10%) Volts AC, 50Hz
10	Power Saving Mode / Back Light Off Mode	Yes
11	Inbuilt Speaker	4W or more
12	Monitor Stand Adjustment	Height, Tilt,Pivot, Swivel to ease of view and monitoring

Item no. 14 – 24x4 SFP port managed POE switch

S. No	Specification	Allowed Values
1	Type of Switch	Managed (Layer 2 Switch with full IPv6 support along with IPv4 & Dual Stack configurable).
2	Technology	POE+
3	Number of 1G copper ports	24 (10/100/1000 Base-T) with PoE+ Support (IEEE 802.3af/at)
4	Number of 1/10G SFP ports	4 (uplink)
5	Switching Capacity-Non-Blocking (Gbps)	128 Gbps or higher
6	PoE Budget	370W or higher
7	Forwarding performance/Throughput (MPPS)	90 Mpps or higher
8	Power Supply	Dual Redundant AC Power Supply (optional)
9	Memory	256MB RAM and 16MB Flash
10	Console Port	Available
11	MAC Address Table Size	min. 8000 entries
12	Operating Temperature Range (Degree C)	5°C to +50°C
13	Operating Humidity (RH) (%)	5% to 95% (non-condensing)
14	IPv6 Compliance	It should be IPv6 Compliant and IPv6 support from day 1
15	Quality of Service	a) IEEE 802.1p Priority. b) Diff. Serv Marking /TOS/Classification/remarking. c) 8 Nos. QoS Queues per Port. d) Shaping / Policing
16	Management	a) Console Management Port. b) Zero Touch Provisioning c) SNMP v1, v2c and v3 Support. d) SSHv2 Support. e) Telnet Support, TFTP, FTP, SCP and SFTP client. f) Port Mirroring. g) Industry Standard CLI/ Scripting tool/Event Scheduler.

		<ul style="list-style-type: none"> h) Upload/download configuration file i) Dying Gasp/SNMP trap for Switch down event detection j) Smart Wizard k) RMON (Remote Network Monitoring) l) Web based GUI j) System log
17	Switching Features	<ul style="list-style-type: none"> a) Supports 9 KB Jumbo frames. b) 4000 VLANs (802.1Q), VLAN tagging. c) Supports Minimum 8 MSTP instance. d) IEEE (802.1D) STP, RSTP (802.1w), MSTP (802.1s). e) IEEE 802.3ad LACP- Link Aggregation. f) IEEE 802.1AB LLDP. g) Support for Multicast, IGMPv1/v2, IGMPv3 Snooping. h) IEEE 802.1p prioritization, Diff Serv/COS. i) Broadcast and Multicast Suppression. j) ACLs (Access Control List)/filters. k) Support for Rate limiting/Queue Shaping. l) Dynamic VLAN Assignment. m) DHCP Client, DHCP Relay for IPv4 and IPv6. n) NTP (Network time protocol)/SNTP (IPv4 and IPv6) o) Configuration backup and restoration p) Port Mirroring r) ERPS (Ethernet ring protection switching)
18	Security Feature	<ul style="list-style-type: none"> a) 802.1x: Port security, Single and Multiple Authentications, MAB b) RADIUS / TACACS+ Authentication support c) MAC limiting per Interface/Port d) SSH Remote Login e) HTTPs f) SNMPv3 g) MAC lockdown, MAC notification h) ACL - L2/L3/L4, IPv4 & IPv6 i) DHCP snooping, DAI,
19	Form Factor	Rack Mountable
20	Power Supply	110 to 240V AC
21	Additional Specification	
	Basic Layer-3 Protocol – Static Routing	
	Management Protocol: Telnet, SSH, SNMP (v1, 2c and 3), TFTP, Web managed	
	Security features - 802.1X, TACACS, Strong Password Policy, MAC limiting, DHCP Snooping, DAI (rem	
	Operating Temperature Range (Degree C) – 0 to 50 or better	
	Operating Humidity (RH) (%) – 5 to 95 or better	
	IPv6 ready from day one	
22	<p><u>CERTIFICATE OF MANDATORY CONFORMANCE</u></p> <p>1. TEC (Telecommunication Engineering Center) against TEC standard – ER no. – TEC37942410 for LAN switches.</p> <p>2. In accordance with Gazette 258138 dated-21/10/2024 Bidder shall submit OEM compliance to the Type-4 Switch of TEC 48060:2024 TEC Generic requirement issued by TEC, along with undertaking stating that product complies with the specified TEC GR number & version. Also, Bidder shall submit OEM compliance to the TEC Interface Requirement TEC/IR/IT/LSW-003/01/SEP 2014 issued by TEC, along with undertaking stating that product complies with the specified TEC IR number.</p>	

Item no. 15 – 16x2 Port managed POE switch

SN	Specification	Allowed Values
1	Type of Switch	Managed (Layer 2 Switch with full IPv6 support along with IPv4 & Dual Stack configurable).
2	Technology	POE+
3	Number of 1G copper ports	16 (10/100/1000 Base-T) or higher as per site requirement with PoE+ Support (IEEE 802.3af/at)
4	Number of 1 GSFP Slot	2 (uplink)
5	Switching Capacity-Non-Blocking (Gbps)	52 Gbps or higher
6	PoE Budget	370W or higher
7	Forwarding performance/Throughput (MPPS)	40 Mpps or higher
8	Power Supply	220VAC Power
9	Memory	RAM 256MB. Flash 16MB
10	Console Port	Available
11	MAC Address Table Size	min. 8000 entries
12	Operating Temperature Range (Degree C)	5°C to +50°C
13	Operating Humidity (RH) (%)	5% to 95% (non-condensing)
14	IPv6 Compliance	IPV6 compliant and support from Day 1
15	Quality of Service	a) IEEE 802.1p Priority. b) Diff. Serv Marking /TOS/Classification/remarking. c) 8 Nos. QoS Queues per Port. d) Shaping / Policing.
16	Management	a) Console Management Port. b) Zero Touch Provisioning c) SNMP v1, v2c and v3 Support. d) SSHv2 Support. e) Telnet Support, TFTP, FTP, SCP and SFTP client. f) Port Mirroring. g) Industry Standard CLI / Scripting tool/Event Scheduler. h) Upload/download configuration file
17	Switching Features	a) Supports 9 KB Jumbo frames. b) 4000 VLANs (802.1Q), VLAN tagging. c) Supports Minimum 8 MSTP instance. d) IEEE (802.1D) STP, RSTP(802.1w), MSTP (802.1s). e) IEEE 802.3ad LACP- Link Aggregation. f) IEEE 802.1AB LLDP. g) Support for Multicast, IGMPv1/v2, IGMPv3
		Snooping. h) IEEE 802.1p prioritization, Diff Serv/COS. i) Broadcast and Multicast Suppression. j) ACLs/filters. k) Support for Rate limiting/Queue Shaping. l) Dynamic VLAN Assignment. m) DHCP Client, DHCP Relay for IPv4 and IPv6. n) NTP/SNTP (IPv4 and IPv6) o) Configuration backup and restoration p) Port Mirroring r) ERPS

18	Security Feature	a) 802.1x: Port security, Single and Multiple Authentications, MAB b) RADIUS / TACACS+ Authentication support c) MAC limiting per Interface/Port d) SSH Remote Login e) HTTPs f) SNMPv3 g) MAC lockdown, MAC notification h) ACL - L2/L3/L4, IPv4 & IPv6 i) DHCP snooping, DAI,
19	Form Factor	Rack Mountable
20	Power Supply	110 to 240V AC
21	<p><u>CERTIFICATE OF MANDATORY CONFORMANCE</u> 1. TEC (Telecommunication Engineering Center) against TEC standard – ER no. – TEC37942410 for LAN switches. 2. In accordance with Gazette 258138 dated-21/10/2024 Bidder shall submit OEM compliance to the Type-4 Switch of TEC 48060:2024 TEC Generic requirement issued by TEC, along with undertaking stating that product complies with the specified TEC GR number & version. Also, Bidder shall submit OEM compliance to the TEC Interface Requirement TEC/IR/IT/LSW-003/01/SEP 2014 issued by TEC, along with undertaking stating that product complies with the specified TEC IR number.</p>	

Item no. 16 – 8x2 SFP port managed POE switch

SN	Specification	Allowed Values
1	Type of Switch	Managed (Layer 2 Switch with full IPv6 support along with IPv4 & Dual Stack configurable).
2	Technology	POE+
3	Number of 1G copper ports	8 (10/100/1000 Base-T) with PoE+ Support (802.3af and 802.3at)
4	Number of 1G SFP ports (Uplink)	2
5	PoE Budget	120W
6	Switching capacity (non-blocking)	20 Gbps or better,
7	Forwarding performance/Throughput (MPPS)	14.88 Mpps or better
8	Power Supply	230V (+-10%) AC 50Hz
9	Operating Temperature Range (Degree C)	5°C to +50°C
10	Operating Humidity (RH) (%)	5% to 95% (non-condensing)
11	IPv6 Compliance	It should be IPv6 Compliant and ready from day 1
12	Switching Features	"a) Supports 9 KB Jumbo frames.
13	Management	b) 4000 VLANs (802.1Q), VLAN tagging.
14	Quality of Service	c) Supports Minimum 8 MSTP instance.
15	Security Feature	d) IEEE (802.1D) STP, RSTP(802.1w), MSTP (802.1s).
	Additional Specification	
	Basic Layer-3 Protocol – Static Routing	
	Management Protocol: Telnet, SSH, SNMP (v1, 2c and 3), TFTP, Web managed	
	Security features - 802.1X, TACACS, Strong Password Policy, MAC limiting, DHCP Snooping, DAI	
	Operating Temperature Range (Degree C) – 0 to 50 or better	
	Operating Humidity (RH) (%) – 5 to 95 or better	
16	<p>IPv6 ready from day one</p> <p><u>CERTIFICATE OF MANDATORY CONFORMANCE</u> 1. TEC (Telecommunication Engineering Center) against TEC standard – ER no. – TEC37942410 for LAN switches. 2. In accordance with Gazette 258138 dated-21/10/2024 Bidder shall submit OEM compliance to the Type-4 Switch of TEC 48060:2024 TEC Generic requirement issued by TEC, along with undertaking stating that product complies with the specified TEC GR number & version. Also, Bidder shall submit OEM compliance to the TEC Interface Requirement TEC/IR/IT/LSW-</p>	

003/01/SEP 2014 issued by TEC, along with undertaking stating that product complies with the specified TEC IR number.

Item no. 17- TRNSCVR; SFP, SNGL CORE, SM, 1G

S/N	Specification	Allowed Values
1	Type of Transceiver	SFP
2	SFP Mode	Multi
3	Maximum Data Rate	1000
4	Modal Bandwidth (MHz/Km)	1000
5	Compatibility with OEMs Products	ALL OEM
6	Supported Protocols	IEEE802.3
7	Wavelength	850

Item no. 18- CONVERTER MEDIA, SNGL CORE, 1G, 1310/1550

SN	Specification	Allowed Values
1	Data rate	10/100/1000
2	Speed	100/1000 Mbps
3	Number of Copper Ports	1
4	Number of Fiber Ports	1
5	Fiber Port Wavelength	1310 nano meter
6	Copper Port Connector	RJ45
7	Mode	Single Mode
8	Fiber Port Distance	20 kilometers
9	Copper Port Distance	100 meters
10	Flow Control	Full Duplex Flow Control
11	Fiber Port Connector	SC
12	Features	Low Power Consumption, Low Heat, Stable Performance, Auto MDI support
13	Accessories	External Power Adaptor & connectors as required for installation

Item no. 19- Fiber Optic LC-LC, 3Mtr length Patch Cord

SN	Specification	Allowed Values
1	Connector type	LC-LC
2	Cable type	Duplex
3	Fiber type	Single mode
4	Jacket material	LSZH Type material
5	Operating Temperature	-10 deg.C to + 60 deg.C
6	Length	3 Meter

Item no. 20- Fiber Optic SC-SC, 3Mtr length Patch Cord

SN	Specification	Allowed Values
1	Connector type	SC-SC
2	Cable type	Duplex
3	Fiber type	Single mode
4	Jacket material	LSZH Type material
5	Operating Temperature	-10 deg.C to + 60 deg.C
6	Length	3 Meter

Item no. 21- 15U Network Rack

SN	Specification	Allowed Values
1	Type of Network racks	Rack Enclosures
2	Size of Racks	15U
3	Depth of Rack	450 to 600 MM

4	Basic structure of Rack should be made of CRCA Steel in a welded frame with top, bottom and side frame. Ventilation slots to be provided on the Top Front and Bottom Front Faces for proper ventilation	Yes
5	Cable Entry Provision should be made on the Top and Bottom of the Cabinets with appropriate Grommets / Closers.	Yes
6	Front Door: Front Transparent Toughened Glass Door with lock – should be easily removable type. Door should be able to be changed at site for left side / right side opening as per site conditions.	Yes
7	Provision for easy wall mounting should be there with appropriate anchor fasteners	Yes
8	Load Bearing Capacity	25-30 Kgs
9	Rack must be provided with one fan directly mounted on the roof top as an exhaust from the cabinet.	yes
10	Rack should have horizontally mounted Power Distribution Unit (PDU) with 4 no. switch/sockets of Indian 5A type combination sockets (2+3 Pin)	Yes
11	Cable channel in rear side for cable management	Yes

Item no. 22- 9U Network Rack

SN	Specification	Allowed Values
1	Type of Network racks	Rack Enclosures
2	Size of Racks	9U
3	Depth of Rack	450 to 600 MM
4	Basic structure of Rack should be made of CRCA Steel in a welded frame with top, bottom and side frame. Ventilation slots to be provided on the Top Front and Bottom Front Faces for proper ventilation	Yes
5	Cable Entry Provision should be made on the Top and Bottom of the Cabinets with appropriate Grommets / Closers.	Yes
6	Front Door: Front Transparent Toughened Glass Door with lock – should be easily removable type. Door should be able to be changed at site for left side / right side opening as per site conditions.	Yes
7	Provision for easy wall mounting should be there with appropriate anchor fasteners	Yes
8	Load Bearing Capacity	25-30 Kgs
9	Rack must be provided with one fan directly mounted on the roof top as an exhaust from the cabinet.	yes
10	Rack should have horizontally mounted Power Distribution Unit (PDU) with 4 no. switch/sockets of Indian 5A type combination sockets (2+3 Pin)	Yes
11	Cable channel in rear side for cable management	Yes

Item no. 23- 4 U Network Rack Enclosures outdoor (pole mounted)

SN	Specification	Allowed Values
1	Type of Network racks	Rack / Enclosures (Outdoor & pole mounted type)
2	Ingress Protection	IP55 or better,
3	Size of Racks (HxWxD)	4U X 525mm X 400mm
4	Basic structure of Rack/enclosure should be associated with front metal door with lock & key and should have EPDM Gasket associated with the door, should be fully welded frame with integrated side panel.	Yes

5	Provision for easy pole mounting arrangement should be there with support bracket and other accessories like Nut bolts, clamps, washers etc. as required	Yes
6	Material of Rack/Enclosure should be CRCA steel and it should be Anti Corrosive coated, electro-phoretic (EC) dip coat primed and then powder coated.	Yes
7	Load bearing capacity should be for Pole Mounting	40 Kg - 60Kg
8	Rack must be provided with one fan as an exhaust from the cabinet.	yes
9	Rack/Enclosure should have horizontally mounted Power Distribution Unit (PDU) with 4 no. switch/sockets of Indian 5A type combination sockets (2+3 Pin)	Yes
10	Cable channel in rear side for cable management	Yes

Item no. 24- 5 KVA online UPS with battery

S/N	Specification	Allowed Values
1	Rating /Capacity (in kVA)	5kVA
2	Technology and Capability	IGBT-PWM
3	Input Voltage range	AC Single phase 160-260VAC (load dependent) Range (Full Load) 160 ~260VAC, 50-60Hz
4	Input Power Factor	>/= 0.95(@ full load)
5	Output Voltage	AC Single phase 230V +/-1%, 50 Hz-60Hz
6	Output Wave Form	Pure sine wave
7	Output Voltage Distortion (THDu)	2% Maximum @ 100% Linear Load
8	Crest Factor	3:1 On Full nonlinear Load (Minimum)
9	Protection	Protection for under voltage at battery terminal, Protection of Over voltage, Short Circuit & Over load at UPS output terminal, Over temperature protection
10	Input Protection	Yes
11	Overload limit	20% Overload for minimum 5-minute, 50% Overload for minimum 3 seconds
12	Overall Efficiency	Upto 90% (at 100% load)
13	Audible Alarms and Indications	Indicator for Mains presence, Indicator for Battery charging and discharging, Indicator for Output Over Load with Audible Alarm, Indicator for Low Battery Voltage with Audible Alarm, Alarm for Over temperature, Alarm for Low Battery
14	Batteries Type	Sealed Maintenance Free (SMF) - 12V Cells, VRLA
15	Backup time (Minutes)	180 minutes
16	Number of Battery Banks	Single Bank system.
17	Battery Housing	Should be compact and space saving MS steel open racks complete with interconnectors
18	Interfaces	1xUSB port, 1xRS232 port, 1xEPO port,
19	Interface to NMS (Network Management System)	SNMP (IPV6) Card for connecting the UPS to LAN thru Ethernet port & monitoring thru NMS should be available
20	Cold Start	UPS should start up On AC Supply (Mains) without DC Supply (Batteries) On DC Supply (Batteries) without AC Supply (Mains)
21	Automatic Restart	UPS should start up automatically on mains resumption

		after battery low shutdown
22	Operating Temperature	0 to 50 deg C
23	Operating Humidity	5% ~ 95%RH (No Condensing)
24	Type of Cooling	Forced Air
25	Noise Level	should be less than 50 dbA at 1-meter distance
26	Form Factor	Tower mountable
27	Dimension (w x d x h) in mm	Bidder to mention

28	Weight - in kg	Bidder to mention
29	Transfer Time (Inverter to Bypass / Bypass to Inverter)	2~4ms
30	Automatic Bypass switch	UPS should be capable of automatic change over to bypass.
31	Standard Package of UPS to include the following minimum accessories	1. UPS, 2. Input cable, 3. Battery cable, 4. USB cable
32	Display Panel	LCD/ LED Type
33	Measurements (On Display)	Input & Output Voltage, Input & Output Frequency, Bypass: Voltage & Frequency, Remaining time & Battery Level Indicator, Load Level indicator, Fault codes, Estimated or running autonomy time, UPS alarm enable or disable, Overload, Short-circuit, Low Battery.
34	Fault Indication (On Display)	Bus start fail, Bus over & under, Inverter soft start failure, Inverter voltage high & low, Inverter output short, Battery voltage high & low, charger output short, over temperature, overload, charger failure, over input current, over input current, battery not connected, over charge, EPO enable, Programmable output enable.
35	stable data	Inverter voltage & frequency, Frequency converter, ECO mode, ECO voltage range, Bypass setting, Bypass voltage range, Autonomy limitation setting, Battery total Ah setting, Charger current, Bypass frequency range, Programmable outlet, Programmable outlet setting, Charger boost & float voltage setting, EPO logic setting, Display setting for autonomy, Acceptable input voltage range.
36	Minimum Charger Rating	The charger should be able to deliver charging current equivalent to 10% of Battery Ah rating offered.

Item no. 25- 1 KVA online UPS with battery

S/N	Specification	Allowed Values
1	Rating /Capacity (in kVA)	1kVA
2	Technology and Capability	IGBT-PWM
3	Input Voltage range	AC Single phase 160-260VAC (load dependent) Range (Full Load) 160 ~260VAC, 50-60Hz
4	Input Power Factor	>/= 0.95(@ full load)
5	Output Voltage	AC Single phase 230V +/-1%, 50 Hz-60Hz
6	Output Wave Form	Pure sine wave
7	Output Voltage Distortion (THDu)	2% Maximum @ 100% Linear Load
8	Crest Factor	3:1 On Full non-linear Load (Minimum)
9	Protection	Protection for under voltage at battery terminal, Protection of Over voltage, Short Circuit & Over load at UPS output terminal, Over temperature protection
10	Input Protection	Yes
11	Overload limit	20% Overload for minimum 5-minute, 50% Overload for minimum 3 seconds
12	Overall Efficiency	Upto 90% (at 100% load)

13	Audible Alarms and Indications	Indicator for Mains presence, Indicator for Battery charging and discharging, Indicator for Output Over Load with Audible Alarm, Indicator for Low Battery Voltage with Audible Alarm, Alarm for Over temperature, Alarm for Low Battery
14	Batteries Type	Sealed Maintenance Free (SMF) - 12V Cells, VRLA
15	Backup time (Minutes)	60 minutes
16	Number of Battery Banks	Single Bank system.
17	Battery Housing	Should be compact and space saving MS steel open racks complete with interconnectors

18	Interfaces	1xUSB port, 1xRS232 port, 1xEPO port,
19	Interface to NMS (Network Management System)	SNMP (IPV6) Card for connecting the UPS to LAN thru Ethernet port & monitoring thru NMS should be available.
20	Cold Start	UPS should start up On AC Supply (Mains) without DC Supply (Batteries) On DC Supply (Batteries) without AC Supply (Mains)
21	Automatic Restart	UPS should start up automatically on mains resumption after battery low shutdown
22	Operating Temperature	0 to 50 deg C
23	Operating Humidity	5% ~ 95%RH (No Condensing)
24	Type of Cooling	Forced Air
25	Noise Level	should be less than 50 dbA at 1-meter distance
26	Form Factor	Tower mountable
27	Dimension (w x d x h) in mm	Bidder to mention
28	Weight - in kg	Bidder to mention
29	Transfer Time (Inverter to Bypass / Bypass to Inverter)	2~4ms
30	Automatic Bypass switch	UPS should be capable of automatic change over to bypass.
31	Standard Package of UPS (with battery) to include the following minimum accessories	1. UPS, 2. Input cable, 3. Battery cable, 4. USB cable
32	Display Panel	LCD/ LED Type
33	Measurements (On Display)	Input & Output Voltage, Input & Output Frequency, Bypass: Voltage & Frequency, Remaining time & Battery Level Indicator, Load Level indicator, Fault codes, Estimated or running autonomy time, UPS alarm enable or disable, Overload, Short-circuit, Low Battery.
34	Fault Indication (On Display)	Bus start fail, Bus over & under, Inverter soft start failure, Inverter voltage high & low, Inverter output short, Battery voltage high & low, charger output short, over temperature, overload, charger failure, over input current, over input current, battery not connected, over charge, EPO enable, Programmable output enable.
35	Setable data	Inverter voltage & frequency, Frequency converter, ECO mode, ECO voltage range, Bypass setting, Bypass voltage range, Autonomy limitation setting, Battery total Ah setting, Charger current, Bypass frequency range, Programmable outlet, Programmable outlet setting, Charger boost & float voltage setting, EPO logic setting, Display setting for autonomy, Acceptable input voltage range.
36	Minimum Charger Rating	The charger should be able to deliver charging current equivalent to 10% of Battery Ah rating offered.

Item no. 26- CAT6A cable

S/N	Specification	Allowed Values
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1	Cable construction	4 twisted pairs UTP (Unshielded Twisted Pair)
2	Conductor	Solid bare copper, 23AWG Dia
3	Outer jacket sheath	FRPVC
4	Insulation material	HDPE (High Density Polyethylene)
5	Insertion Loss	32.8 db/100m at 250 MHz
6	Conductor Resistance	≤ 9.38 Ω/100m Max.
7	Mutual Capacitance of cable	< 5.6 nF/100m Max.
8	Impedance	100 ± 15 Ω @ 100 MHz.
9	Propagation Delay @250 MHz	536 ns/100m
10	RoHS Compliant	Yes
11	Printed sequential Length Counter of each meter on Outer Jacket	Yes
12	Transmission Performance Specification for 4 Pair 100Ω	up to 10G

Item no. 27- Optical fiber cable 6 core Unarmored

S/N	Specification	Allowed Values
1	Fiber Count	6
2	Fiber Type	Single Mode OS1
3	Cable Armouring	Un armoured
4	Outer sheath material	HDPE/LSZH with diameter as 7.5/8.5 ± 0.5 mm having thickness of 1.5mm nominal
5	Fiber colour and Loose tube colour	As per ANSI/TIA standards.
6	Attenuation	≤ 0.38 dB/km (@ 1310 nm), ≤ 0.25 dB/km (@ 1550 nm)
7	Cut-off Wavelength	≤ 1260 nm
8	Fiber colour and Loose tube colour	As per ANSI/TIA standards.
9	Cable size & length	As per standards.

Item no. 28- Power cable (3 core, 1 sqmm)

S/N	Specification	Allowed Values
1	Number of cores	3
2	Type of core	Flexible copper wire
3	Nominal Area Square MM	1 or higher
4	Conductor material	Copper
5	Cable length	100 mtrs. (+-1%)
6	Current ratings in Amps	10-12 Ampere
7	Certification	As per ISI standards

Item no. 29- Cat 6A Patch Cord 1 Mtr

S/N	Specification	Allowed Values
1	Connector type	RJ45
2	Cable type	Ethernet
3	Length	1 Mtr. – 3 Mtr.
4	Operating Temperature	-10 deg.C to +60 deg.C
5	Jacket material	LSZH

Item no. 30- RADIO

SN	Specification	Allowed Values
1	Frequency	Must operate in Unlicensed 5 GHz band
2	Modulation	2x2 MIMO-OFDM, BPSK, QPSK, 16QAM, 64QAM, 256 QAM
3	Topology	System should be able to perform as Point-to-Point and Point-to-Multipoint without changing Hardware
4	Duplexing technology	TDD
5	Wireless Technique	Smart auto-channel, adaptive auto modulation
6	Error Correction	FEC, Selective ARQ
7	Channel Bandwidth	5/10/20/40/80 MHz user configurable
8	Transmit Power	Up to 30dBm
9	Throughput	550 Mbps or better
10	LAN Interface	System must support 10/100/1000Base(T), rate auto negotiated - 802.3af/at compliant
11	Supported protocols	SNMPv1,V2C&V3 , Telnet, HTTP(S)
12	Network	Should support IPv4 & IPv6 dual stacking

13	Network Techniques	Routing with and without NAT, VLAN
14	VLAN	IEEE 802.1Q, QinQ, Tagging, Un-tagging
15	QoS	4 queues prioritization
16	Encryption	WPA/WPA2 Enterprise, WACL, User Isolation, AES 128
17	Antenna	External Antenna
18	Tools	Site survey, link test, antenna alignment
19	WAN Protocols	Static IP, DHCP client, PPPoE client
20	System Monitoring	SNMP v1/2c/3 server, Syslogs, system alerts and SNMP trap
21	ODU enclosure	Metal IP67 or better
22	Humidity	5 ~ 95 % (Non-Condensing)
23	Power Supply	37 - 56 VDC PoE 802.3af/at
24	Max. Power Consumption	10w
25	Operating Temperature	0° to +65° C
26	WPC Approved	System must be approved from WPC, ETA must be submit with the bid
27	ETSI Approved	The Radio should have certification of ETSI EN 301 893 and ETSI EN 302 502 standard by any NABL certified Lab. Certificate to be submitted at the time of bid submission.
28	EMC Approved	The Radio should have certification of the EMI/EMC Test EN/IEC:61000-4-2, EN/IEC:61000-4-3, EN/IEC:61000-4-4, EN/IEC:61000-4-5, EN/IEC:61000-4-6, EN/IEC:61000-4-11, EN/IEC:61000-4-29 by any NABL certified Lab. Certificate to be submitted at the time of bid submission
29	Local content & certifications	The quoted wireless radio model shall be MTCTE approved, shall meet the 55% local content requirements as per the s. no. 23 of DoT PPP-MII Notification and Bid specific OEM authorization certificate/ MAF

Item no. 31- PORTABLE HARD DISK 1TB

SN	Specification	Allowed Values
1	Type	Portable External
2	Connectivity	Wired
3	Interface	USB 3.2 Gen1
4	Speed	5400 rpm
5	Data Storage Capacity	1 Terabyte (TB)
6	OS compatibility	Windows/MAC
7	It should be complied with offered NVRs & PC work station	Yes

Item no. 32- PC work station with monitor for control room

SN	Specification	Allowed Values
1	Processor	Core i7 or higher
2	Number of cores per processor	12
3	Processor base frequency	2.1GHz
4	RAM Type	DDR4
5	RAM size	16 GB
6	RAM size expandable up to	128GB
7	No. of DIMM slots available	4
8	No. of Drives	1
9	Capacity of each drive HDD (GB)	1024 (1TB SSD)
10	No. of Graphic card	1 no. Dedicated
11	Operating system	Window 11 professional
12	No. of Ethernet ports	1 (Single Gigabit NIC 10x10x1000)
13	Wireless Connectivity	Yes
14	Connectivity	1 x RJ45 Ethernet 10/100/1000 Base TX, 1x HDMI, 2x USB 2.0, 2xUSB3.0, 1x VGA ports,
15	One USB port should be in the front	Yes
16	Bluetooth connectivity	Yes
17	Wireless Connectivity	Yes

18	Power Input	230 V AC +10%
19	Minimum power efficiency	0.9
20	Maximum power (watt)	300 W
21	Display Type	LED
22	Display monitor size	22-24 Inch / 58 to 61 CM
23	Display resolution	Full HD (1920x1080)
24	Accessories/Input devices	1 x Display unit (monitor), 1x Keyboard, 1x Mouse and required cables & connectors
25	Operating Temperature	10-40 (Degree C)
26	Operating Humidity (%RH)	10-90%

Item no. 33- Network Attached Storage (NAS)/SAN (500TB) for centralizing storage

SN	Specification	Allowed Values
1	Storage Capacity	500TB Storage usable capacity should be provisioned with 6/8/10/12/14/16/18/20/22 TB SAS/NL-SAS higher using the drives in RAID 6 configuration. The Same Storage should support 1000 TB Scalability.
2	Rack Mountable	The storage should be supplied with rack mount kit if required. All the necessary patch cords (Ethernet and Fiber) shall be provided and installed
3	Drive support	The system must support intermixing of SSD, SAS and NL- SAS drives to meet the capacity and performance requirements of the applications.
4	Protocols support	The NAS/SAN support to all protocols which are required for functionality & storage CCTV cameras.
5	Cache required	The system should have minimum 32 GB DRAM cache memory as DRAM across the controllers. The Proposed Cache should be available to both the controller. Ability to protect data on cache if there is a controller failure or power outage it should have de-staged data capability using the protection module.
6	RAID configuration	Should support various RAID levels 6 and above.
7	Storage Controller	The storage should have Symmetric Active-Active/ Dual Active Controller architecture where a LUN (logical Unit Number) should be accessible by all the controllers simultaneously.
8	Storage functionality and Availability	System should have redundant hot swappable components like, disks, power supplies, fans etc.
9	Protocols	The storage should be configured with FC or iSCSI protocols. Any hardware/Software/Application required for this functionality shall be supplied along with it.
10	Front & back end connectivity	The proposed storage system should have minimum 8 x 16Gb/s FC ports or 8x10 Gb/s iSCSI ports or as per the solution requirement.
11	Software	System Management Software should have capability to monitor performance for IOPs, MB/s, and latency and should be able to drill down to the capabilities of Monitoring controllers, disk pools, volumes, drives.
12	OS support	Support for industry- leading Operating System Platforms including LINUX, Microsoft Windows, etc. It shall support connecting hosts over iSCSI or FC (Fiber Channel)
13	Management	Easy to use GUI based administration interface for configuration, storage management and Performance analysis tools.

Item no. 34- 6U Network Rack

SN	Specification	Allowed Values
1	Type of Network racks	Rack Enclosures
2	Size of Racks	6U
3	Depth of Rack	450 to 600 MM
4	Basic structure of Rack should be made of CRCA Steel in a welded frame with top, bottom and side frame. Ventilation slots to be provided on the Top Front and Bottom Front Faces for proper ventilation	Yes
5	Cable Entry Provision should be made on the Top and Bottom of the Cabinets with appropriate Grommets / Closers.	Yes
6	Front Door: Front Transparent Toughened Glass Door with lock – should be easily removable type. Door should be able to be changed at site for left side / right side opening as per site conditions.	Yes
7	Provision for easy wall mounting should be there with appropriate anchor fasteners	Yes
8	Load Bearing Capacity	25-30 Kgs
9	Rack must be provided with one fan directly mounted on the roof top as an exhaust from the cabinet.	yes
10	Rack should have horizontally mounted Power Distribution Unit (PDU) with 4 no. switch/sockets of Indian 5A type combination sockets (2+3 Pin)	Yes
11	Cable channel in rear side for cable management	Yes

Item no. 35- 2 KVA online UPS with battery

S/N	Specification	Allowed Values
1	Rating /Capacity (in kVA)	2kVA
2	Technology and Capability	IGBT-PWM
3	Input Voltage range	AC Single phase 160-260VAC (load dependent) Range (Full Load) 160 ~260VAC, 50-60Hz
4	Input Power Factor	>/= 0.95(@ full load)
5	Output Voltage	AC Single phase 230V +/-1%, 50 Hz-60Hz
6	Output Wave Form	Pure sine wave
7	Output Voltage Distortion (THDu)	2% Maximum @ 100% Linear Load
8	Crest Factor	3:1 On Full non-linear Load (Minimum)
9	Protection	Protection for under voltage at battery terminal, Protection of Over voltage, Short Circuit & Over load at UPS output terminal, Over temperature protection
10	Input Protection	Yes
11	Overload limit	20% Overload for minimum 5-minute, 50% Overload for minimum 3 seconds
12	Overall Efficiency	Upto 90% (at 100% load)

13	Audible Alarms and Indications	Indicator for Mains presence, Indicator for Battery charging and discharging, Indicator for Output Over Load with Audible Alarm, Indicator for Low Battery Voltage with Audible Alarm, Alarm for Over temperature, Alarm for Low Battery
14	Batteries Type	Sealed Maintenance Free (SMF) - 12V Cells, VRLA
15	Backup time (Minutes)	60 minutes
16	Number of Battery Banks	Single Bank system.
17	Battery Housing	Should be compact and space saving MS steel open racks complete with interconnectors
18	Interfaces	1xUSB port, 1xRS232 port, 1xEPO port,
19	Interface to NMS (Network Management System)	SNMP (IPV6) Card for connecting the UPS to LAN thru Ethernet port & monitoring thru NMS should be available.

20	Cold Start	UPS should start up On AC Supply (Mains) without DC Supply (Batteries) On DC Supply (Batteries) without AC Supply (Mains)
21	Automatic Restart	UPS should start up automatically on mains resumption after battery low shutdown
22	Operating Temperature	0 to 50 deg C
23	Operating Humidity	5% ~ 95%RH (No Condensing)
24	Type of Cooling	Forced Air
25	Noise Level	should be less than 50 dbA at 1 meter distance
26	Form Factor	Tower mountable
27	Dimension (w x d x h) in mm	Bidder to mention
28	Weight - in kg	Bidder to mention
29	Transfer Time (Inverter to Bypass / Bypass to Inverter)	2~4ms
30	Automatic Bypass switch	UPS should be capable of automatic change over to bypass.
31	Standard Package of UPS (with battery) to include the following minimum accessories	1. UPS, 2. Input cable, 3. Battery cable, 4. USB cable
32	Display Panel	LCD/ LED Type
33	Measurements (On Display)	Input & Output Voltage, Input & Output Frequency, Bypass: Voltage & Frequency, Remaining time & Battery Level Indicator, Load Level indicator, Fault codes, Estimated or running autonomy time, UPS alarm enable or disable, Overload, Short-circuit, Low Battery.
34	Fault Indication (On Display)	Bus start fail, Bus over & under, Inverter soft start failure, Inverter voltage high & low, Inverter output short, Battery voltage high & low, charger output short, over temperature, overload, charger failure, over input current, over input current, battery not connected, over charge, EPO enable, Programmable output enable.
35	Setable data	Inverter voltage & frequency, Frequency converter, ECO mode, ECO voltage range, Bypass setting, Bypass voltage range, Autonomy limitation setting, Battery total Ah setting, Charger current, Bypass frequency range, Programmable outlet, Programmable outlet setting, Charger boost & float voltage setting, EPO logic setting, Display setting for autonomy, Acceptable input voltage range.
36	Minimum Charger Rating	The charger should be able to deliver charging current equivalent to 10% of Battery Ah rating offered.

Item no. 36- 2 KVA Automatic Line Voltage Corrector/Stabilize

S/N	Specification	Allowed Values
1	Capacity	2 kVA VOLTAGE STABILIZER
2	Application Type	Unbalance load & input
3	Input Terminal	R, Y, B, N & E
4	Normal Input range	170V -270V for 1 Phase
5	Input Frequency	50+/-2 Hz
6	Output Terminal	R, Y, B, N & E
7	Normal Output	230 V for single phase
8	Efficiency	As per IS slandered
9	Speed of voltage correction	20V – 35V /sec as required
10	Waveform distortion	Nil
11	Efficiency	>99%
12	Duty Cycle	Continuous
13	Class of insulations	Class – F, > 6m Ohm
14	Indications	Input on, Output OK, High voltage Cut-Off, Low voltage Cut- Off, Manual & Auto
15	Metering	Digital Input & Output,
16	Protections Input	Short circuit by MCCB (OPTIONAL)

17	Protections Output	Electronics over voltage Trip, Electronics under voltage Trip, Delay system, Single phase preventer
18	Manual Bypass facility	Through change over switch (OPTIONAL)
19	Operating Temperature	0 – 50 C
20	Humidity	0 – 95% RH non-condensing
21	Dimension	As per OEM standard
22	Weight	As per OEM standard

Item no. 37- Cable Fiber Optic, Armoured, 6 Core

S/N	Specification	Allowed Values
1	Fiber Count	6
2	Fiber Type	Single Mode OS1
3	Cable Armoring	Armored with ECCS tape
4	Tensile Strength	800N
5	Maximum Crush Resistance(short)	125 lbs/in (220 N/cm)
6	Maximum Crush Resistance(long)	63 lbs/in (110 N/cm)
7	Outer sheath material	HDPE/LSZH with diameter as 7.5/8.5 ± 0.5 mm having thickness of 1.5mm nominal
8	Minimum Bend Radius(installation)	20 X Diameter
9	Minimum Bend Radius (in service full load)	10 X Diameter
10	Fiber colour and Loose tube colour	As per ANSI/TIA standards.
11	Attenuation	≤ 0.38 dB/km (@1310 nm), ≤ 0.25 dB/km (@1550 nm)
12	Cut-off Wavelength	≤ 1260 nm
13	Fiber colour and Loose tube colour	As per ANSI/TIA standards.
14	Cable size & length	As per standards.

Item no. 38- Adaptor 12V, DC, 2A

SN	Specification	Allowed Values
1	Input range	230 volts (+/-5%) AC
2	Output range	12 /24 volts DC , 1.5/2 Amp
3	It should be compatible to CCTV cameras	Yes

Item no. 39 – Furniture (One chair & One table)

a) Revolving chair

S/N	Features/Specifications	Requirement
1	Tilt mechanism	Swivel tilt mechanism
2	Locking mechanism	Upright locking
3	Armrest type and arm movement	Adjustable up & down
4	Backrest type	Fixed type
5	Backrest support type	Contoured Back
6	Revolving mechanism	Designed with 360 degree-revolving type and upright locking
7	Pedestal Base	Chrome
8	Twin wheel castor material	Nylon
9	Number of twin wheel castor	5 Nos.
10	Minimum diameter of twin wheel castor	50 mm
11	Armrest Material	PU molded over plastic inner
12	Seat base material	Hot pressed plywood
13	Seat material/Padding at back rest	PU foam
14	Minimum thickness of PU foam used in seat	30 mm

15	Minimum seat height from floor surface	400 mm
16	Minimum Seat height adjustment	Up to 100 mm
17	Minimum depth of seat	400 mm
18	Minimum width of backrest	450 mm
19	Upholstered material seat/back rest color	Black
20	Finish of exposed metal parts	Chrome plated

b) Executive computer office table

S/N	Features/Specifications	Requirement
1	Type of Table	Computer table with key board drawer, and right side three drawers and foot rest
2	Length of table in mm (± 15 mm)	1200 milli meter
3	Depth of table in mm (± 10 mm)	760 milli meters
4	Height of table in mm (± 10 mm)	760 millimeters
5	Table top thickness ± 2 mm	9 millimeters
6	Material of table top, keyboard and drawer	MDF board of grade SBG II of IS 12406/Latest
7	Leg Material	Other wood
8	Colour of Top brown	Brown
9	Bottom side of top	should have balancing sheet of requisite thickness of same colour as top laminate
10	Width of outside drawer on top right side of the table with ball bearing (± 5 mm)	250 millimeters
11	Depth of outside drawer ± 5 mm	480 millimeters
12	Height of outside drawer ± 5 mm	150 millimeters
13	Material of keyboard tray and Right angle L-type supporting bracket	Plastic PVC sheet of standard quality

Category	Specification	Bid Requirement (Allowed Values)
Generic	PTZ Camera / Speed Dome Camera	No
	Type of Camera Housing	Bullet Camera
	IP Camera	Yes
	Camera Image Sensing capacity	4MP (2560x1440) or better
	Maximum Frame Rates(frames per second) Supported	25/30, 50/60 Or higher
	Number of simultaneous video Streams	Triple stream(Full/Compressed)
	IR illumination Range(meter)	Not provided, 5-14, 15-30, 31-50, 51-70, 71-100, 101-200, 201-300, 301-400, 401-500, 501-600 Or higher
Construction	Installation Type/ Area of use	Outdoor
Optics/ Performance	Lens Type	Varifocal Motorized
	Focal Length for Fixed / Fisheye Lens Type (mm)	NA (being varifocal Lens)
	Focal Length for Varifocal Lens Type (mm)	Max 9 mm or better, Max 12 mm or better, Max 15 mm or better, Max 20 mm or better, Max 30 mm or better, Max 40 mm or better, Max 50 mm or better, Max 75 mm or better, Max 100 mm or better, Max 125 mm or better, Max 150 mm or better, Max 200 mm or better, Max 250 mm or better, Max 300 mm or better
	Optical Zoom	2X - 3X, more than 3X - 5X, more than 5X - 8X, more than 8X - 12X, more than 12X - 16X, more than 16X - 20X, more than 20X - 25X, more than 25X - 30X, more than 30X - 35X, more than 35X - 40X, more than 40X - 45X, more than 45X - 50X Or higher
Network And Interface	Type of network required to transmit video / Image recorded by camera	Wired
Storage	On Board SD Card Support	Yes
	SD Card Capacity	128 GB, 256 GB, 512 GB, 1 TB Or higher
Warranty / Service	Comprehensive Warranty (Year)	1, 2, 3, 4, 5 Or higher
Certification / Test Report	Availability of security testing report for CCTV/VSS issued by standardization Testing and Quality certification (STQC) Laboratory or any other agency notified by Meity	Yes (Complying to the requirement of clause 5 of S.O. 1119 (E) on the subject: Public Procurement (Prefence to make in India) Order 2017-Notifying CCTV/Video Surveillance System for Security in furtherance of the order at dated 6th March, 2024 or Latest)
	BIS Registration (CRS) for safety general requirements as per IS 13252 (Part 1):latest	Yes

GeM bid specific ATC

Tender Type: (Open / Limited/Single)

Name of Work: GeM bid for procurement of *Supply & installation of 1765 no. CCTV cameras along with required accessories (additional urgent requirement of all projects of NCL) at vulnerable/sensitive locations of Mines, offices, colonies & public places of all Projects & Units of NCL and post warranty CAMC for 5 years*

- Schedule of Requirement: As furnished in the Technical Parameter Sheet.**
- Bid Value: Rs. 33,02,99,104.22 (Schedule-wise value is indicated in GeM bid document)**
- Earnest Money Deposit (EMD)/ Bid Security:**

EMD amount will be as indicated schedule-wise in the relevant column of the GeM bid.

Earnest Money Deposit (EMD)/ Bid Security has to be deposited **online only** between the periods of bid start / publish date & time and last date & time for bid submission. In the Online mode, the bidder can make payment of EMD through Net banking / NEFT/ RTGS to any one of the following account of Northern Coalfields Limited:-

●	●	●	●
●	●	●	●
●	●	●	●
●	●	●	●

Scanned copy of details of the bank transaction for EMD shall be submitted with the offer. Offer wherein scanned copy of details of the bank transaction for EMD is not submitted, will be treated as non-responsive and offer will be rejected.

No other form of EMD submission is permitted in this bid and offer will be treated as non-responsive/ rejected in such cases.

Exemption from submission of EMD shall be as per the latest GTC on GeM on the date of opening of bid.

4. Refund of EMD amount :

EMD furnished by all unsuccessful tenderers should be returned to them without any interest whatsoever, at the earliest but not later than 30 days after finalization of tender. However, in case of two cover or two stage bidding, EMD of techno-commercially unsuccessful bidders should be returned within 30 days of declaration of result of first cover / stage. EMD of the successful tenderer should be returned, without any interest whatsoever, after receipt of security deposit from it, as called for in the contract.

The EMD of successful bidder will be refunded through e-payment for which the bidders will have to upload the Mandate Form with Bank details.

Forfeiture of Earnest Money Deposit: *shall be as per the latest GTC on GeM on the date of opening of bid.*

5. Consignee: As indicated in the GeM bid.

6. Delivery Schedule: The supply items shall be delivered within 90 days from the date of placement of the Purchase Order (PO). Installation & Commissioning Period: The successful bidder shall complete the installation, commissioning, and testing within 270 days (9 months). The installation & commissioning period will commence after the completion of the 90-day supply period.

- a) NCL will provide locations for installation of CCTV cameras and accessories.
- b) The responsibility of successful bidder is to design, develop, supply, installation, testing and commissioning of the CCTV surveillance system of 1765 cameras with accessories for the purpose of monitoring of live footage of Cameras of NCL from Area control room with the help of existing LAN of NCL for one-year warranty and five-year CAMC of the system.
- c) During the contract period, the successful bidder shall be responsible for customization of the solution to maintain the storage of video footage of all CCTV cameras in local storage device (NVR) at least for 30 days as per requirement of the NCL.
- d) The bidder will ensure all communication between cameras & recorders and viewing device is encrypted. This prevents unauthorised individuals from intercepting and accessing sensitive information.
- e) The bidder will ensure to turn off or disables any features and services that are not necessary for proper functioning of the CCTV system.
- f) The LAN network for viewing & monitoring of CCTV camera at Area control room at all the Projects/Areas of NCL shall be provided by NCL.
- g) The cost of licenses (if any) for any software i.e. VMS required of CCTV cameras (1765 no.)/NVRs will be borne by the successful bidder. In this regard, no additional cost will be provided by the NCL.
- h) The cost of manpower & transportation during the contract period (warranty + CAMC) will be borne by the successful bidder. In this regard, no additional cost will be provided by the NCL.

7. **Extension of Delivery Period & Liquidated damages:** shall be as per the latest GTC on GeM on the date of opening of bid.

8. **Technical Specifications and technical terms & conditions:**

Description of Procurement: Supply, installation & commissioning of 1765 no. CCTV cameras with associate accessories and 5 years post warranty CAMC for all Projects/Units of NCL, Singrauli.

1. **SCOPE OF WORK:** The scope of work is as under.
 - i) Supply of 1765 cameras along with associate accessories as per BoQ/SOR at consignee location.
 - ii) Installation & Commissioning of complete system supplied by successful bidder all Projects/Units of NCL, Singrauli as per the user requirement.
 - iii) Testing & Training of complete CCTV surveillance system supplied by successful bidder.
 - iv) Comprehensive Maintenance during One-year warranty and five years CAMC of complete CCTV surveillance system with deployment of sufficient technical manpower, spares, tools and accessories for repair/replacement/relocation/maintenance and configuration of active and passive components of the CCTV surveillance system (1765 cameras) to achieve guaranteed availability.
 - v) Location for the installation of the CCTV camera are tabulated below:

S.No	Area
1	Amlori
2	Bina
3	Block-B
4	Duchichua
5	Jayant
6	Jhingurdha
7	Khadia
8	Kakri
9	Krishnashilla
10	Nigahi
11	NSC
12	NCL HQ, CS & Central Hospital
13	CS & CWS

2. **Installation & Commissioning (I&C):** - The following works are included in I&C.
 - i) Installation & commissioning of supplied items (CCTV cameras and associated accessories) at all Projects/units as per buyer requirement.
 - ii) The successful bidder will supply & install the minor items/accessories i.e. patch cord, pigtail, outdoor pole mounted Junction box, connectors, clamping strip, PVC modular switch box etc. (which are not covered in BoQ/SOR) for installation & commissioning as per site requirement. No extra cost will be paid for such items.
 - iii) Overhead pulling of FO/Cat-6 cable (with GI wire) with required accessories in outdoor for networking of CCTV as per requirement.

3. **Laying/Wiring of all type of cables with or without casing capping/conduit pipe as per requirement:**

-
All type of accessories & splicing kits etc. (which are not covered in BoQ/SOR) required for Laying/Wiring of all type of cables with or without casing capping/conduit pipe as per requirement shall be supplied & fitted by the successful bidder on no additional cost. All indoor wirings/Cablings should be properly secured, duly terminated, easily maintainable and aesthetically sound.

4. **Consignee location:** As per GEM bid document.
5. **Delivery Period:** The supply items shall be delivered within 90 days from the date of placement of the Purchase Order (PO).

Installation & Commissioning Period: The successful bidder shall complete the installation, commissioning, and testing within 270 days (9 months). The installation & commissioning period will

commence after the completion of the 90-day supply period.

6. **NCL** will provide locations for installation of CCTV cameras and accessories.
7. The responsibility of successful bidder is to design, develop, supply, installation, testing and commissioning of the CCTV surveillance system of 1765 cameras with accessories for the purpose of monitoring of live footage of Cameras of NCL from Area control room with the help of existing LAN of NCL for one-year warranty and five-year CAMC of the system.
8. During the contract period, the successful bidder shall be responsible for customization of the solution to maintain the storage of video footage of all CCTV cameras in local storage device (NVR) at least for 30 days as per requirement of the NCL.
9. The bidder will ensure all communication between cameras & recorders and viewing device is encrypted. This prevents unauthorised individuals from intercepting and accessing sensitive information.
10. The bidder will ensure to turn off or disables any features and services that are not necessary for proper functioning of the CCTV system.
11. The LAN network for viewing & monitoring of CCTV camera at Area control room at all the Projects/Areas of **NCL** shall be provided by **NCL**.
12. The cost of licenses (if any) for any software i.e. VMS required of CCTV cameras (1765 no.)/NVRs will be borne by the successful bidder. In this regard, no additional cost will be provided by the NCL.
13. The cost of manpower & transportation during the contract period (warranty + CAMC) will be borne by the successful bidder. In this regard, no additional cost will be provided by the NCL.
14. For smooth integration of the system as well as streamlined supply and maintenance of the system, the bidders shall quote the equipment of similar category from one manufacturer respectively i.e. (a) all types Cameras & NVR from one manufacturer (OEM), (b) all types of Network switches from one manufacturer (OEM), (c) all types of Display units from one manufacturer (OEM), (d) all types of UPS from one manufacturer (OEM).
15. For viewing the cameras over internet in Smartphones, a Mobile Application (Android and iOS Compatible) should also be available in the respective Application Libraries of the Mobile OS.

A) SPECIAL TERMS & CONDITIONS

1. Technical Specifications of all Items are given in Bid Document. Bidders are advised to go through the Buyer Specification Documents carefully.
2. However, any additional item, accessories and related jobs which are necessary for completion of the installation as per scope of work, will be presumed as included even if not specifically mentioned in bid document, and the successful bidder will provide them without any extra cost.
3. During the period of the contract, any facility/feature/software up-gradation of any supplied item which are offered by the respective OEM/Developer will have to be made available to **NCL** without any additional cost, even if the same is not mentioned in the bid document.
4. Placement/Fittings etc.: All Equipment installed should be properly placed which should be secure, convenient for maintenance, healthy from operational as per requirement of NCL. It will include placement of Switches, Power adaptor, Media converter in suitable racks/enclosures/Junction Box (JB) etc. as per site requirement. Suitable enclosures/JB, if any needed beyond list of equipment as per site requirement will have to be provided by the successful bidder without any additional cost to **NCL**.
- ~~5. The bidder to ensure that they have not quoted unreasonably low charges of CAMC. If total value of the quoted CAMC charge is less than 25% of the total quoted SITC (Supply Installation Testing & Commission) cost (i.e. Cost of Supply part (A) + Others (B) of BoQ). In this case, the bidder will be required to submit Additional Performance Security (APS) at the time of award of contract. The value of such APS will be the difference between the quoted CAMC charges and 25% of the SITC cost of the Project. Additional performance security shall be furnished within 21 days of award of contract on the successful bidder. Additional Performance Security may be furnished in the shape of BG or any of the forms as applicable for performance security. The validity of the bank guarantee if APS submitted in the form of BG shall be for a period of one year or ninety days beyond the period of contract.~~

6. POWER SUPPLY:

- a. Unregulated Power Supply (nominal 230V±10% AC), will be provided by **NCL at /near viewing points, control room, switches, UPS and other place required** for installation of CCTV surveillance system.
 - b. However, the successful bidder/service provider will arrange for any additional power wiring/distribution, and also for regulation/stabilization of voltage required. All such works must be technically and aesthetically sound and standard based (wherever applicable).
 - c. The successful bidder/service provider will ensure that protections provided in the equipment work properly in case of any abnormal electrical condition. **NCL** will make best efforts to ensure a healthy power supply, however in case of any damage to the equipment due to abnormal power supply or any other electrical disturbance, the damage has to be rectified/replaced by the successful bidder/service provider without any additional cost to **NCL**.
 - d. The successful bidder/service provider will ensure to provide necessary protection system/module (like Lightning arrester, Earthing and surge protector etc.) for the entire CCTV system for lightning, even if not mentioned in BoQ. The service provider is free to add additional equipment or protection system to strengthen the protection system at their own cost during the warranty and CAMC period.
 - e. Any damage caused to the equipment/system due to lightning and/or abnormal power supply has to be rectified/repaired/corrected by the bidder/service provider without any extra cost to **NCL** during installation, warranty and CAMC period.
7. The successful bidder will arrange for all tools/tackles, testing instruments, software etc, required for installation, testing and maintenance of the system throughout the contract period.
 8. The successful bidder will be fully responsible for safety of its personnel engaged in installation work. They will ensure that they and their personnel abide by the provisions of all relevant acts applicable, relating to the work. They will also ensure that he abides by all the rules and regulations of central and state governments and any local authority while executing the work. **NCL** will have the right to call for any documentation in this regard, instruct the successful bidder and take any action as deemed fit, in case of deficiency. The Successful bidder will be solely responsible for all liabilities in these regards. The successful bidder will indemnify **NCL** from any consequences caused due to their failure in this regard and will be solely responsible to bear them.
 9. **NCL** shall ensure proper positioning/orientation/location of cameras for installation of cameras at mines/other sites for effective functioning of CCTV surveillance system.
 10. The bidder shall upload the list of offered make and model (wherever applicable) of all items quoted by them along with technical data sheet and bidder compliance of Technical specifications mentioned in the bid. Bidder should offer only one make & model against one item.
 11. The bidder shall have to submit OEM Compliance of the Technical Specifications mentioned in the bid for major items (Cameras, NVRs, PC work station, 75"LED, 55" LED, 22-24"LED, 24 port POE switch,16 port POE switch, 8 Port POE switch, Converter media1G, TRANSCVR pluggable SFP module, 2KVA & 5KVA online UPS and NAS) of BOQ at the time of bidding. OEM compliance in the form of certificate by the authorized representative of the OEM with seal & Signature on the letter head of OEM.
 12. The bidder may offer / quote higher technical specifications wherever available and shall be accepted. However, there will not be any preference based on the higher specifications.
 13. Bidder shall provide all patches and updates of Firmware for Active Components during the entire contract period (Warranty & CAMC period) as and when released by OEMs without any additional cost to **NCL**.
 14. The Bidder should not bid / supply any equipment / item that is likely to be declared end-of-sale during the entire contract period. In case of such happening, such devices should be replaced with a similar or higher model of supplied make, by the Bidder, without sacrificing the performance of the system free of cost.
 15. The Bidder's responsibility shall include but not limited to the supply of all items & work/services mentioned in Bill of Quantity (BOQ) as per details given in Technical Specification and / or agreed upon, after final bid evaluation. The Bidder has to ensure the compatibility of all the material supplied with the existing infrastructure of **NCL** in addition to ensuring compatibility among them.
 16. During contract period, any spare parts to be replaced shall be of same make/model or higher version without degrading the performance of the system.
 17. The firm shall make necessary arrangement for logging the complaints received. The Firm shall ensure a single

point of contact with escalation matrix for all the complaints related to respective Project/Unit/HQ. It shall be the responsibility of the Firm to mobilize their technical team and back-end support for restoration of the break down. The Firm is required to provide 24 x7 help desk mentioning telephone number, E-Mail address.

18. Deployment of manpower: At least 16 Nos. (skilled -04, Semi-skilled-04 & unskilled-08) at NCL site,

- a) The successful bidder will maintain sufficient manpower (at least 16 nos.), spares, tools and accessories required for repair /replacement /relocation /maintenance /cleaning and configuration of active and passive components of the CCTV surveillance system to achieve guaranteed availability during the entire contract period.
- b) All the manpower should be technically qualified and have sufficient experience in the relevant field. The successful bidder shall have to submit copy of qualification documents/certificates of the deployed manpower to GM (E&T)/NCL.
- c) Arranging accommodation for manpower is the responsibility of the bidder at their own cost. However, NCL may provide accommodation if available on chargeable basis as per company norms.
- d) Project/Unit wise log book/register containing the details of fault/breakdown/problem/hindrance and reported, attended, rectified with date/time should be maintained by maintenance team and made available to NCL. All the entries must be verified and counter signed by the Nodal officer/E&T in-charge of or his authorized representative at the site.
- e) The successful bidder/service provider shall arrange the police verification of deployed service personnel by the local police station/authorities at their own cost, and given an undertaking to NCL in this regard along with relevant documents (if any).

19. TRANSPORTATION:

The successful bidder will engage at least two no. four wheelers with Drivers for movement of maintenance team and carrying of material for quick response to attend breakdown related to CCTV surveillance system within the mines premises during the warranty & contract period. No personal vehicle (Car/two-wheeler) is allowed in mine premises of NCL. NCL will not provide such type of transportation.

20. PATENT RIGHTS:

The Bidder shall indemnify all Projects / Units/HQ of NCL against all 3rd party claims of software piracy & infringement of intellectual propriety rights. In the event of any claim asserted by a third party of infringement of copyright, patent, trade mark or industrial design rights arising from the use of the Goods and services or any part thereof in India, the Bidder shall act expeditiously to extinguish such claim. If the Bidder fails to comply and NCL is compelled to pay compensation to a third party resulting from such infringement, Bidder shall be responsible for the compensation including all expenses, court costs and lawyer fees to NCL and as per the company norms further action may be taken against the bidder.

21. SAFETY:

Bidder has to adopt proper safety aspect as per NCL & other industrial norms and ensure safety of their personnel and others during erection, installation, commissioning and maintenance of the system. The successful bidder shall be responsible for safety & security of the men & materials engaged in this work & all types of necessary safety precautions should be followed during execution of the work. The successful bidder will also have to arrange for all materials, safety tools like helmet, shoes, safety belt etc. In no matter NCL shall be liable to the successful bidder or any member of the contractor's staff or any other person deputed by the successful bidder in case of injuries or death caused as a result of accidents either within or outside the working areas of NCL.

The successful bidder shall be responsible for such contingencies and will make good all claims for compensation by the contractor's labour or staff as decided by appropriate authorized tribunal or other competent agencies and discharge as the case may be, all liabilities under the work man compensation act.

The successful bidder shall provide for full medical treatment/compensation to the contractor's staff and labour in case of accident on duty and NCL shall have no responsibilities whatsoever towards the staff/labour deployed by the successful bidder. In the event of any injury and or accident that may occur to the workmen engaged by the successful bidder compensation shall be paid as per statutory norms by the successful bidder.

NCL will not be liable in respect of any damage or compensation payable to any workmen or any other person employed by the successful bidder. The bidder shall also ensure compliance of all guidelines, restrictions and directives by the manpower employed by the bidder regarding COVID-19 or any other in force at the time of commencement of work or issued at any time during the entire contract period.

22. PERFORMANCE GUARANTEE: As per GEM bid document

23. CMPF / EPF Clause:

EPF/CMPF (employer's contribution) and its administrative charges will be deemed to be included in the rates quoted by the tenderers. It will be deposited by the bidder through NCL. The successful bidder shall maintain the proper record CMPF/EPF on CLIP portal, wages sheets and bank statement of deployed manpower and shall be submitted to NCL. Deposit of CMPF/EPF statement shall be checked with reference to wages sheet by concerned officials of Personnel Department and duly signed by him.

24. Acceptance of the System by **NCL** will not absolve the Successful bidder from all of his liabilities. In addition to whatever has been stated in Bid document, the Successful bidder will be liable for any deficiency in the System traceable to be due to deficiency on the part of the Successful bidder in Supply/Execution or any other aspect, during the warranty and CAMC Period.

25. HANDOVER OF DOCUMENTATION:

On commissioning of the system, the successful bidder will hand-over the following documents, in hard copies (3 Sets) and soft copy (in .pdf or any other acceptable format), to the GM/HoD (E&T), **NCL** or his authorized representative:

- a. Detailed Project/Unit wise schematic Network diagram of the complete installation of CCTV surveillance system supplied & installed by the successful bidder.
- b. Detailed Cable/Wire Network as installed.
- c. All configuration details i.e. user id/password (if any)
- d. Any license/permission or related documents (if any)
- e. Any operation and/or maintenance procedures etc. (if any)
- f. Project/Unit wise List of supplied & installed items by the bidder.
- g. Relevant Manuals, CDs etc. (if any).
- h. Any other relevant document/Information as required as per the Bid document, or, as may be required for operation/maintenance of the system or, otherwise, relating to individual Item/the System (if any).

All the documents to be submitted to **NCL** within 30 days of Commissioning of the System. **NCL** will have the right to call for any further documents/clarification from the Successful bidder on Products supplied at any stage. The Successful bidder has to submit such documents within required time of receipt of such communication.

26. TRAINING:

The Successful bidder will provide onsite training to Operational/Technical Personnel of **NCL** and other users during installation and maintenance of the System time to time. In addition, the bidder will also arrange training for up to 16 Technical personnel (in two batches) of **NCL** on the CCTV cameras, NVR, NAS, Switches & software at Developer/OEM/OEM authorized centre/ premises, free of cost.

The duration of such training will be for a minimum of 4 days, and the course content should cover operation/ configuration /maintenance of equipment and software.

However, the same may be decided in consultation with GM/HoD (E&T), **NCL**. The cost of training has to be borne by the bidder, however TA/DA cost and accommodation of **NCL** personnel will be borne by **NCL**.

27. WARRANTY PERIOD:

The system shall be under warranty for a period of One year from the final date of Installation & Commissioning of the system at all Projects/Units. During the warranty period, the successful bidder shall maintain the system in all respects, including those mentioned in CAMC, at their own cost. All types of breakdown calls are to be attended & rectified within 24 Hrs. for minor B/D and 48 hours for major B/D during warranty period. If the successful bidder fails to complete service/ rectification within defined time limit, the penalty will be applicable as per given Penalty clause.

28. Non Return of Hard disk: As per Buyer Organisation Security Policy, Faulty Hard disk of Servers /PC work station/

NVR/NAS etc. will not be returned back to the OEM/Supplier against warranty replacement.

29. CAMC TERMS AND CONDITIONS:

The SLA Conditions of the contract are as under:

- a. Complete comprehensive maintenance of all the equipment supplied & installed by the successful bidder (including repairs and replacement of materials supplied & for the services etc.).
- b. The payment for the CAMC charges would be made Quarterly after rendering of the CAMC Services of the relevant CAMC period.
- c. Paying authority: **AFM (HQ), NCL.**
- d. All types of breakdown calls are to be attended & rectified within 24 Hrs. for minor B/D and 48 hours for major B/D.
- e. Period of CAMC services will be for a period of five years after one-year warranty.
- f. Complete service/call reports shall be submitted along with the bills for the period of claim on satisfactory completion of service period.
- g. If any parts/spares/components of equipment replaced by the contractor, the old part so removed is the property of the maintenance contractor (Except Hard Disk Drives).
- h. The maintenance contractor is responsible for the repairing of defects caused on account of the normal wear and tear of equipment's.
- i. Any damage caused to the equipment /system due to lightning and/or abnormal power supply has to be rectified/repaired/corrected by the service provider without any extra cost to **NCL** during warranty and CAMC period.
- j. Service exclusions: Services do not cover the repair or service failures caused by remaining force majeure conditions excluding lightning and abnormal power supply. However the damaged items due to force majeure conditions shall be replaced with new items by the bidder on chargeable basis a with mutually agreed rates, not more than awarded rates, on proper justification.
- k. Any up-gradation/modification of existing software (if required) shall be provided by the bidder during Warranty and CAMC period free of cost.

l. SPARES at Site:

Minimum 10% spare cameras, switches, cable, media converter and power adaptor, power injectors etc. should be maintained by the service provider at site at either of the following:

1. At premises of the NCL. OR
2. At the premises of the service provider/bidder close to NCL site.

For the option at 1 above, the NCL shall provide suitable storage space to the service provider. For the option 2 at above, the NCL have the right to inspect and verify the quantity of spares available at the premises of the service provider/bidder.

Whenever these spares are used, they should be replenished by the service provider/bidder at the earliest.

m. TIMELY RECTIFICATION OF DEFECTS:

In case of breakdown of any equipment of CCTV surveillance system, the successful bidder has to attend the breakdown and ensure the restoration of the breakdown equipment within the stipulated time to ensure the Guaranteed Availability of the system.

However, if the successful bidder fails to restore the said equipment within 10 days, **NCL** shall have the right to get the equipment restored departmentally or through any other agency. The equipment so restored shall continue to be under CAMC of the successful bidder till the end of the contract period. In such a case of restoration of the equipment departmentally or through any other agency, the cost of

such restoration along with 10% handling charges shall be recovered from the running bills, performance bank guarantee or any other dues of the successful bidder. If such amount is not directly recoverable from any dues of the service provider, then the service provider shall reimburse **NCL** for the due amount by any means within 30 days of such claims made by **NCL**.

During CAMC period, if any equipment is to be taken outside the premises of NCL, the successful bidder should replace the existing equipment with a spare working equipment of the same make & model or higher specifications model of the same make and configure it to work in the network seamlessly.

During CAMC period, if any equipment is declared end of sale/end of support/end of life by the OEM, or the equipment is not available for any other reason, the successful shall be allowed to replace the said equipment with an equipment of higher specification of the same make and configure it to work in the network seamlessly. The said equipment shall be under CAMC by the service provider/bidder till the end of contract period at the same rates, terms and conditions as the previous equipment.

30. PROVISION OF FORECLOSURE, SUSPENSION AND TERMINATION –

As per Purchase Manual or GTC of GEM portal.

31. ELIGIBILITY CRITERIA & Proveness Criteria as under:

CCTV cameras and Network Video Recorders (NVR) are to be treated as primary products for the instant case, hence Bidder has to furnish the relevant documents with respect to Primary products for this bid to fulfil the relevant criteria.

Eligibility Criteria: The bidder should be either of the following:

a. Manufacturer / OEM of the primary product.

OR

b. Indian Selling Agent / Dealer / Reseller / Distributor authorized by the Manufacturer/ OEM (of primary product).

Sl. No.	Category of bidder	Documents required in support of Eligibility Criteria for the tendered item.
(a)	OEM	Any one of the following valid documents: - a. Factory license/Manufacturing license b. ISO Certificate. c. BIS license/certificate d. Micro / Small Enterprises [MSE] Registration certificate e. DGMS approval f. DGS&D registration certificate g. Any other valid document to establish that OEM is Principal manufacturer of the offered item
(b)	Reseller	i. Tender specific Authorization to sell products manufactured by the OEM indicating the GeM Bid no. ii. Any one of the above valid documents of the Principal manufacturer/ OEM to establish that OEM is Principal manufacturer of the offered item.

Note:

1. The above documents must be valid on the date of tender opening.
2. Failure to submit the above documents may render a tenderer "UNACCEPTABLE." without any further correspondence.

Proveness criteria: The Bidder or its OEM [themselves or through its reseller(s)], should have supplied the offered Make of CCTV cameras and NVRs to any organization and the same should have performed satisfactorily for at least 01 year from the date of commissioning. The date of commissioning of relevant Supply/Purchase/Work orders should be within 05 years of opening of tender.

Against the above Eligibility Criteria, the bidder is required to submit the following documents: 1. Copy of relevant Supply order(s)/ Purchase Order(s)/ Work Order(s), etc. confirming the supply of offered Make of CCTV cameras and Network Video Recorders (NVR) which has been commissioned within the window period of 05 years from the date of opening of tender.
2 Copy of Satisfactory Performance Certificate for a period of 1 year from the date of commissioning issued by the Purchaser against the furnished Supply order/ Purchase Order/ Work Order, etc.

PAYMENT TERMS:

Payments for Supplies, Services i.e. Installation & commissioning and CAMC Charges shall be governed as follows:

Supply of BOQ items

80% payment for the supply portion of the BoQ will be released after the successful supply and acceptance/inspection of the materials upon their receipt at the Central Store, Jayant, NCL HQ. The inspection shall be carried out by the GM/HOD (E&T) or his authorized representative.

The delivery of the material shall be completed within the stipulated period of 90 days (3 months).

Installation, Commissioning & Testing –

20% Payment will be done after successful installation, commissioning, Testing and acceptance of the same after submission of a completion Certificate from GM/HOD (E&T) or his authorized representative certifying successful installation & Commissioning of the complete system as per the PO/Contract. The payment of Laying & wiring of cables will be made as per actual measurement and limited to quantity of BoQ.

The bidder will submit the successfully installation & commissioning report certified by Staff Officer/Nodal Officer (E&T) of Projects/Units. After the Bidder completes the awarded supply, installation, commissioning & testing and handing over work satisfactorily within the stipulated time period of 270 days (9Months), GM (E&T)/HoD, NCL or his authorized representative shall issue a work completion certificate against the PO/SO/Contract

For CAMC: -

CAMC Charges shall be payable quarterly at the end of each quarter, after adjusting penalty, if any, calculated on quarterly basis against the bills / invoices raised quarterly (in triplicate) at the end of each quarter after completion of the warranty period.

The above payment will be paid after submission of the following documents –

Pre-receipted stamped invoice in triplicate

Submission of monthly Breakdown/Performance/Availability report of CCTV cameras certified by GM/HOD (E&T) NCL/or his authorised representative.

The format of Breakdown report/performance/Availability report shall be provided by GM/HOD (E&T), NCL

Liquidated Damages & Penalty:

All the BoQ items must be supplied at the consignment location, i.e., Central Store, Jayant, NCL HQ. In case of failure to supply the material, Liquidated Damages (LD) at the rate of 0.5% per week shall be imposed on the value of the unsupplied material, subject to a maximum of 10% of the value of the unsupplied item.

32. WHEN TO CONSIDER A CAMERA AS BREAKDOWN:

A CCTV camera will be considered as breakdown in either of the following cases:

i) When the CCTV feed is not available at the monitoring station, subject to the condition that the display equipment and the network connecting them with the camera are maintained by the same service provider/bidder.

ii) When the CCTV footage is not being stored in the storage devices(s).

In this regard the following may be noted:

b) Even if the primary display at the monitoring station is breakdown, if the camera feed is available in PC or mobile App, it shall be considered that the camera feed is available in the monitoring station. This is subject to condition that all such display/PC etc. and the network connecting them with the camera are maintained by the same service provider.

c) In case the camera feed is being stored in more than one storage device, e.g. one NVR at Area control room stores the feed of all cameras of Area and another NVR at critical location (i.e. CHP, Weighbridges, workshop etc.) stores the feed of a few cameras designated as CRITICAL LOCATION for a longer period, the non-availability of storage in either of the NVRs shall be treated

as breakdown of the camera. This is subject to the condition that all such storage devices and network connecting them with the camera are maintained by the same service provider/bidder.

- d) All cameras should be provided with SD storage for storing feeds as per the technical specifications and Automatic Network Recovery (ANR) Feature. ANR feature enables cameras to recording footage to the memory card as soon as it loses its connection to the storage device. Crucially, once the connection to the NVR is restored, the camera will automatically backup the footage from the memory card on to the storage device, effectively filling in the gap in coverage from when connectivity to recorder was done.
- e) When the camera feed is not recorded in the storage device due to network error or storage error and the feed is subsequently transferred from the SD card of the Camera to the NVR, the camera shall not be considered breakdown for the duration for which the CCTV feed becomes available.

33. DURATION OF BREAKDOWN:

The duration of breakdown shall commence from the time of communication of the breakdown to the successful bidder/service provider via phone, SMS, email, complaint log, WhatsApp etc. The duration of breakdown shall end when the camera breakdown has been restored.

34. GUARANTEED AVAILABILITY:

The successful bidder/service provider a guaranteed availability of 95% or higher at a particular site for each month. Site means any Project/Unit/Area of NCL.

35. PENALTY CALCULATION:

The penalty will be calculated based on the overall camera availability at a particular site for each month. The availability and penalty will be calculated monthly, even if the CAMC bill raised quarterly.

Overall camera availability for any month at a particular site shall be calculated as under.

N = No. of cameras at particular site

B1 = breakdown hours of camera 1 in the month

B2 = breakdown hours of camera 2 in the month

Bn = breakdown hours of camera n in the month

$$(n \times \text{No. of days in month} \times 24) - (B1+B2+\dots +Bn)$$

$$\text{Overall camera availability (A)} = \frac{\text{-----}}{(n \times \text{No. of days in month} \times 24)} \times 100\%$$

Overall camera availability for any month at any site should be greater than 95%. If the availability of the camera goes below 95%, penalty shall be deductible from the running bill of the bidder/service provider as under.

S/N	Overall camera availability (A)	Penalty formula	Remarks
1	$A \geq 95\%$	Nil	Penalty = 0
2	$85\% \leq A < 95\%$	$(100\% - A) \times \text{CAMC Value} \times 1.1$	Additional 10% deduction
3	$70\% \leq A < 85\%$	$(100\% - A) \times \text{CAMC Value} \times 1.2$	Additional 20% deduction
4	$A \leq 70\%$	$100\% \times \text{CAMC Value}$	No payment below 70%

If the camera availability at any site goes below 85% for three or more months continuously, the NCL has the right to terminate the contract and forfeit the security deposit against the contract.

36. PLANNED DOWNTIME:

It means any time when the footage of CCTV cameras is unavailable because of maintenance/ configuration/reconfiguration or other services with the prior approval of Engineer In charge or his authorised representative. Planned downtime will not be added to total downtime hours for calculation of availability.

37. CONTRACT EXTENSION:

If the Successful bidder provides the satisfactory service during the Contact period, then as per requirement the CAMC contract may be extended in favor of successful bidder by NCL, by another one year and also subsequent years at same rate, terms & conditions on mutual consent. PBG and APS, if applicable, shall also be extended for the same period.

<u>CERTIFICATES/DOCUMENTS REQUIRED FROM THE BIDDER FOR TECHNICAL SCRITUNY</u>			
Item no. of BoQ/SOR	ITEM DESCRIPTION AS PER BoQ/SOR	Certificate/Documents required with bid for offered make/model	
1	PTZ camera (4MP)	Bid specific OEM authorisation certificate/MAF	i) BIS registration for offered make & model
2	Bullet/Box camera (4MP)		ii) Security testing report issued by STQC Laboratory or any other agencies notified by MeitY from time to time.
3	Dome camera (4MP)		iii) The declaration of ONVIF S, G & T profile which shall be available on ONVIF portal.
4	64 channel Network Video Recorder (NVR)	Bid specific OEM authorisation certificate/MAF	i) BIS registration for offered make & model.
5	32 channel Network Video Recorder (NVR)		ii) The declaration of ONVIF S profile which shall be available on ONVIF portal.
6	16 channel Network Video Recorder (NVR)		iii) The offered CCTV cameras shall comply with testing and security requirements as per MeitY Circular No. W-18/26/2025-IPHW dated 04.02.2026 issued under PPP-MII Order. CCTV cameras shall be tested and certified by MeitY recognized laboratories.
7	8 channel Network Video Recorder (NVR)		iv) Agree to provide all relevant documents Test Report/Supporting document/Reports etc. to the buyer at the time of bidding or on demand: Yes (At the time of bidding)
8	PC/Work Station	Bid specific OEM authorisation certificate/MAF	v) The MAC ID shall be registered in the name of the OEM. Documentary evidence / OEM undertaking to this effect shall be submitted by the bidder along with the bid
9	32", 75" & 55" LED monitor display	Bid specific OEM authorisation certificate/MAF	BIS registration for offered make & model
10	22-24" LED monitor display		BIS registration for offered make & model
11	24 port, 8 port POE switch & 16 port POE switches	Bid specific OEM authorisation certificate/MAF	CERTIFICATE OF MANDATORY CONFORMANCE 1. TEC (Telecommunication Engineering Centre) against TEC standard – ER no. – TEC37942410 for LAN switches. 2. In accordance with Gazette 258138 dated-21/10/2024 Bidder shall submit OEM compliance to the Type-4 Switch of TEC 48060:2024 TEC Generic requirement issued by TEC, along with undertaking stating that product complies with the specified TEC GR number & version. Also, Bidder shall submit OEM compliance to the TEC Interface Requirement TEC/IR/IT/LSW-003/01/SEP 2014 issued by TEC, along with undertaking stating that product complies with the specified TEC IR number.
12	1 KVA online UPS	Bid specific OEM authorisation certificate/MAF	i) BIS registration.
13	2 KVA online UPS		ii) ROHS compliance certificate for offered make & model
14	5 KVA online UPS		
15	Network Attached Storage (NAS) 500TB	Bid specific OEM authorisation certificate/ MAF	BIS registration for offered make & model/UL/FCC/CE for offered make/model
16	Converter Media (1G)	Bid specific OEM authorisation certificate/MAF	
17	TRANSCVR plug able SFM module		
18	Radio Wireless P2P	Bid specific OEM authorisation certificate/MAF	The quoted wireless radio model shall be MTCTE approved, shall meet the 55% local content requirements as per the s. no. 23 of DoT PPP-MII Notification

9. **Warranty/ Guarantee:**

The system shall be under warranty for a period of One year from the final date of Installation & Commissioning of the system at all Projects/Units. During the warranty period, the successful bidder shall maintain the system in all respects, including those mentioned in CAMC, at their own cost.

All types of breakdown calls are to be attended & rectified within 24 Hrs. for minor B/D and 48 hours for major B/D during warranty period. If the successful bidder fails to complete service/ rectification within defined time limit, the penalty will be applicable as per given Penalty clause.

The supplier shall be responsible for any defect that may, under the condition provided for by the contract and under proper use, arising due to faulty materials, design or workmanship (excluding normal wear and tear) and shall remedy such defect at his own cost. If it becomes so necessary for the supplier to replace or to renew any defective part, such replacement or renewal shall be made by the supplier 100% free of cost without any extra cost to Northern Coalfields Limited. The new goods should be supplied on FOR destination basis free of cost.

Warranty replacement should be completed within a reasonable period maximum within 30 days from the date of claim for indigenous goods free of cost up to ultimate consignee's end.

If the Supplier, having been notified, fails to remedy the defect(s) within thirty days, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.

10. **Identification Mark:** The make / symbol/identification mark of manufacturer and part number should be clearly embossed/engraved/punched/or otherwise legibly indicated, wherever possible, on each and every item at a visible place with is not subject to normal wear and tear.

11. **By submission of their offer against the GeM bid, bidder shall agree to the following terms and conditions:-**

(A) **Eligibility Criteria:**

The average Annual Financial Turnover of the bidder during the last 3 years, ending 31st March of the previous financial year, should be at least 30% of the total estimated value of the tender.

Firms need to submit UDYAM Registration Certificate registered for manufacturing of tendered category /NSIC / EM-II/ ISO certificates etc. Covering manufacturing of tendered item.

Bidder (Seller as per GeM) shall be either OEM (Definition of OEM shall be as per GeM GTC) or Reseller having authorization to sell products manufactured by the OEM. If participating as authorized Agent/Reseller then in addition to OEM authorization, firm needs to submit documents establishing proof of OEM as manufacturer.

Reseller will be responsible for all the contractual obligations including quality aspects, replacement of part/items and warranty/ guarantee obligations, and they will be responsible for providing the required after sale service.

Following documents are required for establishing Bidder's Eligibility:-

Sl. No.	Category of bidder	Documents required in support of Eligibility Criteria for the tendered item.
(a)	Manufacturer / OEM	Any one of the following valid documents:- h. Factory license/Manufacturing license i. ISO Certificate. j. BIS license/certificate k. Micro / Small Enterprises [MSE] Registration certificate l. DGMS approval m. DGS&D registration certificate n. Any other valid document to establish that OEM is Principal manufacturer of the offered item
(b)	Authorized Agent	iii. Tender Specific authorization & Specific Authorization to sell products manufactured by the manufacturer (Annexure XI & XII respectively) iv. Any one of the above valid documents of the Principal manufacturer of the offered item as per bid.

Note:

1. The above documents must be valid on the date of tender opening.
2. Mandatory registration of bidder with statutory authorities like Income Tax, GST (if applicable), is required, unless they are specifically exempt from registration under specific notification / circular / section / rule issued by statutory authorities. The bidder claiming exemption in this respect shall submit supporting documents as well as certificate from Practicing CA/CMA/CS that Bidder is fulfilling all the conditions prescribed in notification to make him exempt from registration.
3. Failure to submit the above documents may render a tenderer "UNACCEPTABLE" without any further correspondences.

(B) 1. Proven-ness Criteria:

The Bidder or its OEM [themselves or through its reseller(s)], should have supplied the offered Make of CCTV cameras and NVRs to any organization and the same should have performed satisfactorily for at least 01 year from the date of commissioning. The date of commissioning of relevant Supply/Purchase/Work orders should be within 05 years of opening of tender.

Against the above Eligibility Criteria, the bidder is required to submit the following documents:

1. Copy of relevant Supply order(s)/ Purchase Order(s)/ Work Order(s), etc. confirming the supply of offered Make of CCTV cameras and Network Video Recorders (NVR) which has been commissioned within the window period of 05 years from the date of opening of tender.
- 2 Copy of Satisfactory Performance Certificate for a period of 1 year from the date of commissioning issued by the Purchaser against the furnished Supply order/ Purchase Order/ Work Order, etc.

Considering the practical difficulties in obtaining the performance reports in cases where proven-ness of the offered product is being ascertained on the basis of supply made in other subsidiaries

of CIL or other PSUs / Govt. Departments / Private Organizations, the bidder needs to submit a Self-Certificate in the following format, along with Proof of Payment against the Purchase Order(s)/Rate Contract(s) and commissioning certificate(s) (in case of Equipment, P&M, etc. where installation & commissioning is required):

“The items covered in the Purchase Order(s)/ Rate Contract(s) copies enclosed with our offer have been fully executed and have performed satisfactorily as per the provisions of respective Purchase Order(s)/ Rate Contract(s) and all the complaints/claim (s) lodged by the purchaser, if any, have been attended to and no complaints/ claims(s) are pending”.

In case, any specific Purchase Order(s) has/ have not been fully executed and any complaint/ claim is pending, then details of such cases to be categorically mentioned with the reasons thereof so that decision making is in clear perspective without any hidden facts in the subject matter.

The authenticity of the self-certificate as well as other documents submitted/uploaded by the bidder will solely be their responsibility and appropriate action will be taken by CIL/Subsidiary Company if it is subsequently found to be misleading/ false/ forged.

However, NCL reserves the right to obtain the performance directly from the end user of the item/product.

(B) 2. Relaxation for MSEs (Micro & Small Enterprises) and Start-ups

Ref:

- 1) *O.M. No. 1(2)(1)/2016-MA dated 10th March 2016 of Additional Secretary and Development Commissioner-MSME, GOI, New Delhi*
- 2) *O.M. No. F-20/2/2014-PPD(Pt.) dated 25th July 2016 of Under Secretary to GOI, Ministry of Finance, Department of Expenditure, Procurement Policy Division, New Delhi*
- 3) *O.M. No. F-20/2/2014-PPD(Pt) dated 20.09.2016 of Under Secretary (PPD), Ministry of Finance, Department of Expenditure, Procurement Policy Division, New Delhi*

.....
In reference to the above three Office Memorandums issued by different of Govt. of India regarding non-insistence of prior experience and turn over criteria in respect of MSEs and Start-ups, the following may be noted:

Definition and Eligibility of Start-up shall be in line with OM vide letter no.F-20/2/2014 PPD (pt.) dt.25.07.2016 of under Secretary, GOI, with subsequent amendment, if any.

Definition of MSEs shall be as per Public Procurement 2012 with subsequent amendments, if any.

Further, vide Policy Circular No.1 (2) (1)/2016-MA dated 10.03.2016 of MoMSME, it has been clarified that the condition of prior turnover and prior experience with respect to Micro and Small Enterprises in all public procurements subject to meeting of quality and technical specifications may be relaxed, i.e. these MSEs must have the technical capability to deliver the goods and services as per prescribed technical and quality specifications.

Further, as per Department of Expenditure, Ministry of Finance OM No. F.20/2/2014/PPD-(Pt) dated 25.07.2016 circulated vide note F. No. 24/2/2013/Fin-1 dated 02.08.2016, relaxation of the condition of prior turnover and prior experience in public procurement has been extended to all Start-ups (whether MSE or not) subject to meeting of quality and technical specifications in accordance with the relevant provisions [Rule 173(i) (b) of GFR, 2017].

It has subsequently been clarified by the Department of Expenditure, MoF vide OM No. F.20/2/2014/PPD-(Pt) dated 20.09.2016 that there may be circumstances (like procurement of items related to public safety, health, critical security operations and equipment, etc.) where procuring entities may prefer the vendors to have prior experience rather than giving orders to new entities. For such procurements, wherever adequate justification exists, the procuring entities may not relax the criteria of prior experience/ turnover for Start-ups/ MSEs.

Prior experience and turn over criteria is not applicable for Start-ups & MSEs in this tender and no further documents regarding Proven-ness will be required to be submitted by these categories of bidders.

If bidders have submitted documents to prove the Start-up/MSE status for the tendered item without certificate towards quality, assurance and capability from some authority like MSME, NSIC, etc., the Buyer Organisation, if needed, may assess the techno-commercial capability of the vendors to manufacture and deliver goods as per the prescribed quality and technical specification before awarding contract to them. For this purpose, a '*Proforma for Equipment and Quality Control*' (as per **Annexure-I**) has to be enclosed in the tender documents and such MSEs/ Start-ups should be asked to submit the details of plant & machinery, quality control arrangements, etc., in the above proforma along with their bids for verification of their technical capability. After opening of bids, the verification of technical capability shall be done by the concerned Technical Department immediately without any undue delay so that it is available for consideration at the time of evaluation/ processing of offers.

If required, a techno-commercial team of the organization may visit the manufacturing unit of the vendor without any undue delay for quick finalization of tenders.

In case there is deficiency in technical capability of the firm, the same is to be communicated to them by TIA for improvement in the quality of their product for future tenders and clearly indicate that their offer cannot be considered for relaxation against the tender in question in order to avoid any future complications. The issues relating to Technical capability may be decided by the Head of the Technical Department.

If favourable technical capability reports obtained earlier on such firms for supply of the item in question as per the required specification is available, these may be considered for granting relaxation to the criteria of prior experience and prior turnover provided that date of such reports are not more than one year from the date of opening of bids.

If bidders have submitted documents to prove the Start-up/MSE status for the tendered item and their products are ISI marked/DGMS approved/Proven in CIL or its Subsidiary companies/Proven product of the ancillary unit of a Subsidiary Company of CIL, they will be required to submit the following applicable related documents, self-attested, for relaxation from the criteria of prior experience and prior turnover:

- a valid BIS Marking License for the quoted items or
- Rate contract issued by CIL/its Subsidiary Companies for the quoted items or
- a valid DGMS Approval certificate for the quoted items or
- Proven Ancillary certificate issued by the Subsidiary Companies for the quoted items.

The document(s)/certificate(s) furnished by the bidders for ISI markings or DGMS approval for any relaxation should be valid on the date of tender opening and a copy of such document(s) /certificate (s) valid on the date of supply, duly self-attested, must accompany their bill(s).

Where any Aggregator appointed by the Ministry of MSME, themselves quote on behalf of some MSE units, such offers will be considered as offers from MSE units and all such facilities would be extended to these also.

This Policy is meant for procurement of only goods produced and services rendered by MSEs and not for any trading activities by them. **Traders are excluded from the purview of this Policy.** An MSE Unit will not get any purchase preference over another MSE Unit.

Note-I: Above referred “Public Procurement Policy for MSEs Order 2012” & all of its subsequent amendments is applicable for procurement of goods produced and services rendered by MSEs

Note-II: Bidder needs to submit documents to prove the Startup/MSE status for the tendered item with certificate towards quality, assurance and capability from some authority like MSME, NSIC, ISO, QCI (Vendor assessment report for the tendered item) etc.

The Tender issuing authority, if needed, may assess the techno-commercial capability of the vendors to manufacture and deliver goods as per the prescribed quality and technical specification before awarding contract to them. For this purpose, a Proforma for Equipment and Quality Control (as per Annexure-I) has been enclosed in the Bid documents and such MSEs/ Start-Ups should submit the details of plant & machinery, quality control arrangements, etc., in the above proforma along with their bids for verification of their technical capability.

12. Banned or De-listed or debarred or ‘Put on Holiday’ clause

The bidder as well as the manufacturer (if bidder is not the manufacturer) will give a declaration that they have not been banned or de-listed or debarred or ‘Put on Holiday’ by any Government or quasi-Government agencies or PSUs.

If a bidder and/or manufacturer has been banned or de- listed or debarred or ‘Put on Holiday’ by any Government or quasi-Government agencies or PSU, this fact must be clearly stated as indicated at CPS i.e. at relevant column of Annexure-III and it may not necessarily be a cause for disqualifying them.

However, if this declaration is not given, the bid will be rejected as non-responsive.

13. Penal action against Suppliers/Bidders:

If the performance of any supplier is found to be unsatisfactory or in the event of any breach of the conditions of the contract committed by the supplier or if the conduct of the supplier/ bidder (firm) is under suspicion, notwithstanding GeM’s Incident Management Policy, NCL reserves the right to initiate penal action against the supplier in line with provisions attached as **Annexure-V**.

14. Evaluation Of Bid/ Short Fall Documents:

- i) All the offers will first be scrutinized to see whether they meet the basic requirements as incorporated in the bid document.
- ii) The purchaser will determine the Techno-commercial acceptability of the bidders on the basis of the original offer and subsequent clarifications/ confirmation, if any.
- iii) During evaluation and comparison of bids, the purchaser may ask the bidder for clarifications / Shortfall documents on the bid. **For shortfall/ clarification only 01 (ONE) chance will be given. The time period for reply to the clarification will be 7 x 24 hours only from the date of seeking clarification.** Non receipt of communication from GeM will not be accepted as a reason of non-submission of documents within prescribed time. The bidders will upload and submit the requested

documents, if any, within the specified period.

- iv) Bidders are hereby informed that all correspondence with them during the pre-contract stage shall be without any commitment whatsoever. NCL also reserves the right to verify any of the documents uploaded by the bidder at any stage.

Note-I: The submission of forged documents, if any, by the bidder(s), shall be dealt with as per extant guideline of GeM GTC and ATC.

Note-II: No new /additional / recycled / modified / corrected document, submitted through the challenge / representation window, will be considered for any further evaluation. Evaluation of bid will be done solely based on documents submitted along with offer and shortfall sought (if any). In the challenge / representation window, only a representation, about wrongful rejection based on the documents submitted along with offer and shortfall sought (if any), will be considered.

15. **Price Fall Clause**

If the contract holder reduces its price or sells or even offers to sell the contracted goods or services following **conditions of sale similar to those of the contract**, at a price lower than the contract price, to any person or organization during the currency of the contract, the contract price will be automatically reduced with effect from that date for all the subsequent supplies under the contract and **the contract be amended accordingly**.

The provisions of price fall clause will however not apply to the following:

- i) Export/Deemed Export by the supplier;
- ii) Sale of goods or services as original equipment prices lower than the price charged for normal replacement;
- iii) Sale of goods such as drugs, which have expiry date;
- iv) Sale of goods or services at lower price on or after the date of completion of sale/placement of order of goods or services by the authority concerned, under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Government Departments including new undertakings (excluding joint sector companies and or private parties) and bodies.

Note:

- a) The currency of contract will mean the period till completion of supply.
- b) The bidder will submit a copy of the last (latest) purchase order (bidder may opt to mask the price portion and shall submit an undertaking that priced copy will be submitted on being L1 after opening of Price Bid / Reverse Auction) for the tendered / similar item(s) received by them from any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization, along with the offer.
- c) It shall be responsibility of the supplier to inform the purchaser of offer to supply / supply of the ordered / similar item(s) at a lower rate to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization during the currency of the contract.
- d) The supplier shall submit following certificate along with the bill(s) at the time of supply:

“I/We certify that there has been no reduction in the sale price of the offered / supplied goods under this contract or similar item(s) and such goods have not been offered/sold by me/ us to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its

Subsidiaries or other PSU or any other private organization, as the case may be, during the currency of the contract at a price lower than the price charged under the contract.”

- e) The provisions of Price fall clause will however not apply for purchase value up to Rs. 2.00 lakh.

16. Risk Purchase

In the event of failure of the supplier to deliver or dispatch the stores within the stipulated date/period of the supply order or in the event of breach of any of the terms and conditions mentioned in the supply order/ contract, Buyer Organisation shall have the right to purchase the stores from elsewhere after due notice to the defaulting supplier at the risk and cost of the defaulting supplier. In the event of failure of the supplier as detailed above, the cost as per risk purchase exercise may be recovered from the Earnest Money Deposit/ Security Deposit/ Performance Bank Guarantee of the supplier and/or bills submitted by the supplier against the same contract or any other contract pending in the same Subsidiary Co. and/or in any other Subsidiary Companies /CIL. GST will be charged / levied on Risk Purchase as per the provision of GST Act Rule thereon.

Risk purchase action may be initiated under any of the following conditions:

- a) When the supplier fails to deliver the materials even after extending the delivery period.
- b) When the supplier fails to respond to purchaser's request for supply of the materials and fails to provide any genuine and bonafide reason for the delay in supply.
- c) When the supplier breaches any of the terms and conditions.

17. Security Deposit (mentioned as e-PBG in GeM bid):-

The successful tenderer shall have to submit Security Deposit (mentioned as e-PBG in GeM Bid @ 5% of Contract Value), as per GeM GTC.

Security Deposit may be converted into Performance Bank Guarantee (PBG) wherever PBG (in addition to Security Deposit/ e-PBG) is required at the option of the supplier. Wherever Security Deposit is converted into PBG, the operation of such SDBG/ Performance BG shall be guided by Performance Bank Guarantee Clause of the bid.

If the successful tenderer fails to deposit the security deposit within 15 (fifteen) days from date of notification of award/ placement of order, another opportunity may be given to them for submission of Security Deposit within next 15 days. If the successful tenderer still fails to deposit the security deposit within the extended period but executes the supplies within the extended security deposit submission period, the submission of Security Deposit may be waived, as the purpose of submission of SD is fulfilled.

In cases where the supplier does not submit the Security Deposit (SD) in time, the SD amount will be deducted from the first bill or in case of insufficient amount, from subsequent bill(s) of the supplier till the full SD amount is deducted.

In cases where the successful tenderer did not submit the security deposit even within the extended period for SD submission but has supplied the materials either in full or in part after the extended period for SD submission, the SD may be deducted from the first bill or in case of insufficient amount from subsequent bill(s) of the supplier till the full SD amount is deducted. Further, a penalty equivalent to 0.5% (half percent) of SD amount for delay of each week or part thereof (period of delay is to be calculated from the 31st day from the date of notification of award/placement of order to the date of receipt of full SD/deduction of full SD) shall be levied subject to a maximum of 5% of the contract value.

Exemption from submission of Security Deposit (in addition to exemption provided in GeM GTC):-

- i) All Central/State Government Organization/PSUs, Govt. Ministries, Departments, Attached and Subordinate Offices, Autonomous bodies formed by the government shall be exempted from submission of Security Deposit.
- ii) (OEM/OES -Name of OEM/OES to be specified as per Proveness criteria) shall also be exempted from submission of Security Deposit (in case of procurement of Spare Parts for equipment against Single Tender Enquiry / Open / Limited Tenders).

Refund of Security Deposit: shall be as per the latest GTC on GeMon the date of opening of bid.

18. Trade Receivables Discounting System (TReDS):

TReDS is an initiative of Reserve bank of India (RBI) to facilitate MSME receivable payments from corporates. NCL has on-boarded TReDS platforms through:-

- Receivables Exchange of India Ltd (RXIL) (URL - <https://www.rxil.in/Home/Index>),
- Invoicemart (<https://www.invoicemart.com/>)
- M1xchange (<https://www.m1xchange.com/>)
- C2Treds (<https://in.c2fo.com/>)

As per RBI's TReDS guidelines, Eligible bidders interested to get payment through this system may get registered on TReDS platform and upload their bills on TReDS. The bidder may contact following persons for help in registration:-

- For RXIL - Mr. Mainak Mandal, AVP, Business Development, Mob: +91-9475622182 (email-mainak.mandal@rxil.in).
- For Invoicemart – Mr. Binay Kumar Mishra, Relationship Manager, Mob: +91-9199545258 (email – binay1.mishra@invoicemart.com)
- For M1xchange – Mr. Sujeet Singh, Manager, Vendor Sales, Mob: +91-9517186111 (email - sujeet.singh@m1xchange.com)
- For C2Treds – Ms. Nidhi Singh, Market Operations Associate, Mob: +91-8448085822 (email - Nidhi.Singh@c2treds.com)

19. Performance Bank Guarantee: Applicable / Not Applicable

The successful tenderer shall be required to furnish a Performance Bank Guarantee equivalent to 10% value of the contract on Landed basis inclusive of all taxes and duties on FOR destination basis to cover the warranty/guarantee period.

To arrive at the value of the PBG, the order value should be calculated as per the following guidelines:

For arriving at the value of PBG to be submitted for Indigenous Orders, the order value will be arrived at by adding all the Taxes & Duties such as Excise Duty, Sales Tax/ VAT, or GST, as applicable to the FOR Destination Price of the materials on order as applicable on the date of opening of price bid.

If the contract is for procurement of equipment, the PBG (s) may be submitted equipment wise also.

The Performance Bank Guarantee shall be issued by a RBI scheduled bank in India in the format attached in **Annexure VII** on a non-judicial stamp paper.

The PBG shall be in **Indian Rupee**.

The PBG (s) shall remain valid for **75 months (Warranty period + CAMC period + 3 months)** from the date of receipt and acceptance of materials at site (consignee) to cover both satisfactory performance and warranty / guarantee for standard performance.

The release of the Performance Bank guarantee(s) after above indicated period, shall be subject to satisfactory performance of the equipment/ items during the warranty period and fulfilment of contractual obligations failing which, action for further extension or encashment of PBG, as deemed suitable shall be taken. The Performance Bank Guarantee shall be released after expiry of validity period if no claim is pending, with the approval of competent authority. Format for No claim certificate (to be submitted by the supplier for release of PBG) is at **Annexure VIII**

The Bank guarantee issued by the Issuing Bank on behalf of contractor/supplier in favour of Northern Coalfields Limited shall be in paper form as well as issued under "Structured Financial Messaging System". The details of beneficiary for issue of BG under SFMS platform is furnished below:

Name of Beneficiary & his details	Name	Northern Coalfields Limited
	Area	Head Quarter
	Bank Account No/ Customer-ID of Beneficiary	352905000016
	Department	MM Dept.
Beneficiary Bank Branch Address	ICICI Bank Ltd. Singrauli, Plot No. 86, Opp. Post Office, Ward No. 3, Morwa, Tehsil Singrauli, Madhya Pradesh – 486889	
IFSC Code	ICIC0003529	

i) Details for Beneficiary Bank under fields of SFMS shall be as under:

SFMS Field No.	Details
7035	IFSC Code: ICIC0003529
7036	ICICI Bank Ltd. – A/c No. 352905000016
7037	NCL540172593

ii) Beneficiary Bank / Branch Name & address should be mentioned as ICICI Bank Ltd., Singrauli Branch, Plot No. 86, Opp. Post Office, Ward No. 3, Morwa, Tehsil Singrauli, Madhya Pradesh – 486889

iii) If the Bank Guarantee is issued by ICICI Bank branches, the following may please be incorporated:

“We shall be liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if you serve upon us a written claim or demand on or before At ICICI Bank Ltd., Plot No. 86, Opp. Post Office, Ward No. 3, Morwa, Tehsil Singrauli, Madhya Pradesh – 486889.”

In cases where the supplier does not submit the PBG in time or as per the prescribed format in line with the contract stipulations, the PBG amount may be deducted from the first bill or in case of insufficient amount, from subsequent bill(s) of the supplier till the full PBG amount is deducted. This amount shall be refunded to the supplier upon acceptance of PBG submitted by them.

20. **Seller Undertaking:**

By submitting offer against GeM bid, Seller undertakes following:-

a) The bidder have read all the Bid conditions including the GeM GTC, STC and also all the clauses incorporated by the Buyer in ATC and various corrigendum of the bid. They confirm acceptance and compliance of all the conditions including GTC, STC and ATC and Corrigendum conditions. They also confirm that all the product(s) offered is/are fully compliant with the specifications asked

for in the bid, including the additional specification parameters incorporated by the Buyer in the bid document.

- b) The bidder undertake not to withdraw or modify or impair or derogate from the bid in any respect within the period of validity of this bid. They undertake that the information / documents furnished in this bid are not false, misleading or forged. They also undertake to furnish requisite Security Deposit and/ or PBG within stipulated time required as per GeM bid / RA conditions. They understand that GeM has the right to debar them from GeM portal as per GeM GTC and GeM Incident Management Policy for violation of the declaration / undertaking.
- c) The bidder have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. They certify that they are not from such a country or if they are from such a country, they have been registered with the Competent Authority and the evidence of valid registration by the Competent Authority will be submitted to the Buyer on demand. They certify that they fulfill all requirements in this regard and are eligible to be considered for procurement on GeM. They understand that any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.
- d) The bidder have read Public Procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products.

The bidder shall ensure compliance of Public Procurement (Preference to Make in India) Order 2017 (Revised till date) and must upload a certificate **from the Principal Manufacturer** of offered product regarding the percentage of the local content and the details of locations at which the local value addition along with their bid (a sample format is enclosed at Annexure IX). In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the Principal Manufacturer is a company and by a practicing cost accountant or a chartered accountant for Principal Manufacturers other than companies

21. Inspection:

~~A. **Pre-Dispatch Inspection:** Pre-dispatch Inspection shall be done by nominated agency of NCL i.e. Central Mine Planning & Design Institute Ltd (CMPDIL) Ranchi / their Regional Office (for details visit www.empdi.co.in). Inspection fee @ 2% of total consignment billing (plus statutory levies like GST etc. as applicable on inspection fee) is to be paid to CMPDIL along with inspection call letter payable by SBI Collect by seller. **The price is to be quoted by the seller inclusive of inspection fees.** Minimum 7 calendar days' notice shall be given by the manufacturer to CMPDIL for arranging inspection within valid delivery period as per contract.~~

~~Pre-dispatch inspection of each consignment shall be carried out by M/s. Central Mine Planning & Design Institute Ltd (CMPDIL), Ranchi/their Regional Office as per the terms and conditions indicated hereunder:~~

~~Pre-dispatch inspection shall be carried out by M/s. CMPDIL as per their methodology. The third-Party Inspection shall include examination of raw material, test certificate verification, continuous monitoring of quality assurance by manufacturer which will include regular and surprise visits. In brief, the scope and condition of inspection by M/s. CMPDIL will be as follows:~~

~~I) Checking and approving of test procedures/quality assurance plans.~~

~~II) Verification of records and documents at your works.~~

~~III) Verification of documents and test certificate of bought out items and cross checks.~~

You shall provide facilities for carrying out all necessary tests as required in the specification at your works else these will be carried out at an independent test house at your cost.

IV) Final testing and checking of materials as per specifications.

M/s. CMPDIL will have full and free access to the premises of manufacturer during the process of manufacturing and during inspection activities.

The ultimate responsibility for supply of correct materials as per requirement of relevant specification lies solely with the manufacturer in spite of clearance/acceptance by inspection authority i.e. M/s. CMPDIL. The manufacturer will be required to replace the material free of cost if found defective/unserviceable/not according to relevant specifications.

The charges for third party inspection and the cost of materials that would be required for destructive tests, if any, shall be reimbursed by NCL together with the consignment billing. Such cost shall be reimbursed only if it is duly certified by M/s. CMPDIL.

Final inspection shall be arranged by the consignee after receipt of the material at our destination.

The purchaser shall, at its discretion, have the right to test the ordered material in a Government Test House or in a test house nominated by the purchaser. In case of failure of the material after testing the cost of tests as well as of the material shall have to be borne by the supplier.

Note: The price is to be quoted by the seller inclusive of inspection fees.

The manufacturer/firm, intending to submit the Pre-Dispatch Inspection (PDI) Fees online through SB collect has to follow the following steps: -

- i) Visit CMPDI site (www.cmpdi.co.in).
- ii) Click on the link of State Bank Collect to pay Inspection Fee
- iii) Click the acceptance of terms & conditions and then click the proceed button.
- iv) Next page will open. Here you select the state as *Jharkhand* and then select the type of institution as *PSU-Public Sector Undertaking*, then press *go* button.
- v) Next page will open requesting to you select PSU name, here you select *CMPDI Ltd.* & then press the submit button.
- vi) Next page will open, requesting to select the payment category. Here you select "*INSPECTION FEES*".
- vii) Automatically you will be transferred to next page requesting to you to provide details of payment. Here you are required to fill the data as requested in each row including the remarks.
- viii) After filling all the required data, press the *submit* button, you will be transferred to next page, which will request to verify the details and confirm the details. Press *confirm* button if entry made are correct otherwise press *cancel*. If you press *Confirm* then you will be transferred to next page where payment option will appear.
- ix) On this page you will find the various modes of e payment of different banks i.e. net-banking, debit card, credit card etc.
- x) At this page you are requested to make the payment by selecting the appropriate mode of payments offered by different banks as per your choice.
- xi) After making the payment please take out the prints of e receipt which should subsequently be submitted to us as a proof of payment made to CMPDIL along with inspection call letter.
- xii) The inspection call is required to be submitted online on the email id gmenm.cmpdi@coalindia.in, with a copy to pares.h.saxena@coalindia.in in the following manner:

- a) ~~A Covering letter on your letter head giving the details of inspection.~~
- b) ~~Inspection call duly stamped and signed, addressed to GM (E&M) CMPDI in the required format on your letter head.~~
- c) ~~Copy of e money receipt for the PDT Fee deposited online.~~
- d) ~~Copy of the respective complete supplied order against which inspection call is raised.~~

~~All the above four documents are to be submitted in separate POF files.~~

- xiii) ~~Simultaneously a copy of e money receipt for the PDI Fee deposited online must be mailed on the email id: hqfinance@yahoo.com, with a copy to sandeep.aru@coalindia.in~~

~~**Note:** The facility for submission of PDI Fee on State Bank Collect will be available from 1st to 28th of every month.~~

- B. Final Inspection:** Materials under supply shall be of the best quality and workmanship and shall be in accordance with the specification laid down in the bid/Supply Order. Final inspection will be carried out at consignee's end after receipt of materials at site by **HOD(E&T)**, NCL or his authorized representative.

If the materials found defective or not in accordance with the specification mentioned in bid/Supply order will be rejected and replacement is to be arranged within 30 days of intimation.

22. **Paying Authority:** Area Finance Manager, NCL HQ

23. **Payment Terms:**

- ~~a) **For items where installation & commissioning is either not applicable or to be done departmentally:** Payment terms shall be as per as per the latest GTC on GeM on the date of opening of bid.~~

~~In case of those P&M and equipment, where installation and commissioning is to be done departmentally, 100% payment along with full taxes and duties, may be released within 21 days after delivery and acceptance of the same by the consignee and receipt and acceptance of performance bank guarantee. These payment terms are applicable for the suppliers whose equipment are considered proven for supplies to CIL and its Subsidiary Companies and to be accepted only for regular supply orders to be placed for the proven equipment.~~

- b) For items where installation & commissioning is applicable:** For supply of P&M and equipment or items for which the responsibility for installation and commissioning lies with the supplier, payment of 80% of the value of equipment along with 100% of Freight charges, transit insurance charges, other charges and 100% taxes and duties, but excluding erection and commissioning charges (if any) including GST may be released within 21 days after delivery and acceptance of the same by the consignee and receipt and acceptance of performance bank guarantee.

Balance 20% payment of 20% of the value of equipment along with erection and commissioning charges (if any) including GST shall be released within 21 days after successful commissioning of the plant & machinery/ equipment.

24. **Submission of bills:**

- ~~(A) **For items where installation & commissioning is either not applicable or to be done departmentally:** Duly stamped and pre-receipted bills /Tax invoice & GeM invoice (for 100%~~

value including taxes & duties for item being supplied) in quadruplicate, as terms of the agreement must be submitted to the consignee / Paying Authority along with the following documents :-

- ~~i) Pre-dispatch inspection note, if applicable.~~
- ~~ii) Challan in triplicate.~~
- ~~iii) Test certificate (if applicable)~~
- ~~iv) Guarantee / Warranty Certificate.~~
- ~~v) Copy of E-Way Bill.~~
- ~~vi) Price Certificate [The Seller will have to certify on the body of each bill that the prices charged by them for the ordered items are the lowest prices applicable to any other person/organization, private Co., Government department, undertaking of Central/State Government including CIL and its subsidiaries.]~~
- ~~vii) Further, the supplier shall also submit following certificate along with the bill(s) as under:
“I/We certify that there has been no reduction in the sale price of the offered / supplied goods under this contract or similar item(s) and such goods have not been offered/sold by me/ us to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization, as the case may be, during the currency of the contract at a price lower than the price charged under the contract.”~~
- ~~viii) In case where order value is more than Rs. 10.00 Crores, ‘Local Content’ certification duly certified by Cost / Chartered Accountant in practice indicative of “% of local content” & “Location at which the value addition has been done”.~~
- ~~ix) Any other document specified in the contract.~~

(B) For items where installation & commissioning is applicable:

(i) For 80% payment: Duly stamped and pre-receipted bills/Tax Invoice (for 100% of Eqpt. value + 100% of P&F, Freight & Insurance and other levies + 100% value of taxes & duties) in quadruplicate, as terms of the agreement must be submitted to the consignee / Paying Authority along with the following documents :-

- a) Pre-dispatch inspection note, if applicable.
- b) Challan in triplicate (Received by consignee)
- c) Test Certificate (if applicable)
- d) Guarantee / Warranty Certificate.
- e) Price Certificate [The Seller will have to certify on the body of each bill that the prices charged by them for the ordered items are the lowest prices applicable to any other person/organization, private Co., Government department, undertaking of Central/State Government.]
- f) Further, the supplier shall also submit following certificate along with the bill(s) as under:
“I/We certify that there has been no reduction in the sale price of the offered / supplied goods under this contract or similar item(s) and such goods have not been offered/sold by me/ us to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization, as the case may be, during the currency of the contract at a price lower than the price charged under the contract.”
- g) Performance Bank Guarantee
- h) Any other document specified in the contract.

(ii) For balance 20% payment: Duly stamped and pre-receipted bills/tax invoice as submitted earlier at point no (i) for balance 20% of the Eqpt value in quadruplicate, as terms of the

agreement must be submitted to the consignee / Paying Authority along with the following documents:-

- a) Installation & Commissioning Certificate issued by competent authority.
- b) Training Certificate (if applicable)
- c) GeM Invoice for 100% value.
- d) Price Certificate [The Seller will have to certify on the body of each bill that the prices charged by them for the ordered items are the lowest prices applicable to any other person/organization, private Co., Government department, undertaking of Central/State Government.]
- e) Further, the supplier shall also submit following certificate along with the bill(s) **as under:**

“I/We certify that there has been no reduction in the sale price of the offered / supplied goods under this contract or similar item(s) and such goods have not been offered/sold by me/ us to any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization, as the case may be, during the currency of the contract at a price lower than the price charged under the contract.”

- f) In case where order value is more than Rs. 10.00 Crores, ‘Local Content’ certification duly certified by Cost / Chartered Accountant in practice indicative of “% of local content” & “Location at which the value addition has been done”.
- g) Any other document specified in the contract.

(C) NOTE:

- 1) Each GeM invoice should have a corresponding Tax Invoice. If GeM invoice is generated but not submitted in hard copy, same may be taken from the consignee login by the consignee.
- 2) GeM invoice must be raised only after the completion of work as per the scope of supply.
- 3) For cases where it is not possible to provide certification by Cost / Chartered Accountant at the time of execution of project , the supplier shall be permitted to provide the certificate for local content from Cost / Chartered Accountant within 21 days after completion of the contract. In case the contractor / supplier does not meet the stipulated local content requirement and the category of the supplier changes from Class-I to Class-II / Non-Local or from Class-II to Non Local, a penalty up to 10% of the contract value will be imposed. However, contract once awarded shall not be terminated on this account.

25. Pre-Contract Integrity Pact: (Applicable for tender value above Rs. 2 Crore)

The bidder shall agree to follow and adhere with the Integrity Pact guidelines provided on GeM Portal.

The bidders will have to upload along with their offer, signed or Pre-Contract Integrity Pact as per the prescribed format (attached in Annexure) failing which their offer may not be considered.

In terms of the Integrity Pact, the Independent External Monitors (IEMs) nominated for this tender are as follows (*In case of change in IEM, details of IEMs to be changed accordingly*):

Sl. No.	Name of IEM	Postal Address	e-Mail ID	Mob. No.
1	Shri Sunil Agrawal, IDSE (Retd.)	704, Divya Apartment, Sector-56, Plot 7, Gurugram - 122009	s29agrawal@gmail.com	9899201529

2	Sri Chet Ram, IRS (Retd.)	Flat No. 272, 27 th Floor, Courtyard, Florence Building, Pokhran, Road No. 2, Vasant Vihar,	cr_koli@yahoo.com	9869479987
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In case of any grievance, bidders may approach Independent External Monitor(s) (IEMs). The email or the envelope should carry the subject line “Complaint to the IEM regarding Tender”.

26. Code of Integrity for Public Procurement (CIPP):

25.1 CIL, its subsidiaries as well as bidders, contractors, suppliers and consultants under contract with CIL or its subsidiaries shall observe the highest standard of ethics and not indulge in the following prohibited practices, either directly or indirectly, at any stage during the procurement process and/or execution of resultant contracts:

(i). "Corrupt Practice"

Corrupt Practice means making offers, solicitation or acceptance of bribe, rewards or gifts or any material benefit, either directly or indirectly, in exchange for an unfair advantage in the procurement process or to otherwise influence the procurement process or contract execution;

(ii). "Fraudulent Practice"

Fraudulent Practice means any omission or misrepresentation that may mislead or attempt to mislead so that financial or other benefits may be obtained or an obligation avoided. This includes making false declaration or providing false information for participation in a procurement process or to secure a contract or in the execution of a contract;

(iii). "Anti-competitive Practice"

Anti-competitive Practice means any collusion, bid rigging or anticompetitive arrangement, or any other practice coming under the purview of The Competition Act 2002, between two or more bidders, with or without the knowledge of the Purchaser, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, noncompetitive levels;

(iv) "Coercive Practice"

Coercive Practice means any coercion or any threat to impair or harm, directly or indirectly, any party or its property to influence the procurement process or affect the execution of a contract;

(v). "Conflict of interest"

Conflict of interest means any personal, financial, or business relationship between the bidder and any personnel of the procuring entity who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of the procuring entity directly or indirectly;

(vi). "Undue Advantage"

Undue Advantage means improper use of information obtained by the (prospective) bidder from the Procuring Entity with an intent to gain unfair advantage in the procurement process or for personal gain. This also includes if the bidder (or his allied firm – refer definition of ‘Allied Firm’ under Ch-24) provided services for the need assessment/ procurement planning of the tender process in which he is participating; and

(vii) "Obstructive practice"

Obstructive practice means materially impede the Procuring Entity’s investigation of a procurement process either by deliberately destroying, falsifying, altering; or by concealing of evidence material to the investigation; or by making false statements to investigators and/or by threatening, harassing or intimidating any party to prevent it from disclosing its

knowledge of matters relevant to the investigation or from pursuing the investigation; or by impeding the Procuring Entity's rights of audit or access to information.

25.2. Bidders to proactively disclose, whether asked specifically or not in the bid document,

- i) Procuring authorities, as well as bidders, suppliers, contractors and consultants, are obliged under Code of Integrity for Public Procurement to suo-moto proactively declare any conflicts of interest (coming under the definition mentioned above – pre-existing or as and as soon as these arise at any stage) in any procurement process or execution of contract.
- ii) Any bidder must declare any previous transgressions of such a code of integrity with any entity, in any country, during the last three years, or of being debarred by any other Procuring Entity. Failure to do so would amount to violation of this code of integrity.
- iii) The bidder/contractor must disclose any commissions or fees that may have been paid or are to be paid to agents, representatives, or commission agents concerning the selection process or execution of the Contract. The information disclosed must include the name and address of the agent, representative, or commission agent, the amount and currency, and the purpose of the commission or fee in the Tender Document. Failure to do so would amount to violation of this code of integrity.

25.3. Punitive Provisions: A particular violation of code of integrity may span more than one of the above mentioned unethical practices. Without prejudice to and in addition to the rights of the Procuring Entity to other penal provisions as per the bid documents or contract, if the Procuring Entity comes to a conclusion that a (prospective) bidder/supplier, directly or through an agent, has violated this code of integrity in competing for the contract or in executing a contract, the Procuring Entity may take appropriate measures including one or more of the following:

- i) if his bids are under consideration in any procurement
 - a) Forfeiture or encashment of bid security;
 - b) Calling off of any pre-contract negotiations; and
 - c) Rejection and exclusion of the bidder from the procurement process.
- ii) if a contract has already been awarded
 - a) Cancellation of the relevant contract and recovery of compensation for loss incurred by the Procuring Entity;
 - b) Forfeiture or encashment of any other security or bond relating to the procurement;
 - c) Recovery of payments including advance payments, if any, made by the Procuring Entity along with interest thereon at the prevailing rate. The due amount may be recovered from the bills of the supplier against any existing/future contract(s) with CIL and/or any of its subsidiaries.
- iii) Provisions in addition to above:
 - a) Removal from the list of registered suppliers and banning/debarment of the bidder from participation in future procurements of the Procuring Entity for a period not less than six months;
 - b) In case of anti-competitive practices, information for further processing may be filed under the signature of a General Manager level officer, with the Competition Commission of India; and
 - c) Initiation of suitable disciplinary or criminal proceedings against any individual or staff found responsible.

27. List of Annexures:

- i) Annexure-I: Proforma for Equipment and Quality Control
- ii) Annexure-II: Technical Parameter Sheet (TPS)

- iii) Annexure-III: Commercial Parameter Sheet (CPS).
- iv) Annexure-IV: Declaration regarding CIPP
- v) Annexure-V: Penal Action against supplier / bidder
- vi) Annexure-VI: Format for Integrity Pact
- vii) Annexure-VII: Format for Performance Bank Guarantee (PBG)
- viii) Annexure-VIII: Format for no claim certificate for release of PBG.
- ix) Annexure-IX: Self-certificate for Local Content as per Make in India Policy
- x) Annexure-X : Additional Documents Required for Vendor Codification.
- xi) Annexure-XI : Undertaking from Manufacturer / Manufacturer's Authorization Form (strike out whichever is not applicable)
- xii) Annexure-XII: Undertaking by the Indian selling agents/dealers/distributors authorized by Indian Manufacturer

Special Note: Make in India compliance is required in totality of all supplied items. The bidder/System Integrator shall submit the self-certificate for % of Local content of all supply items on their letter head. Apart from MII certificate, the bidder also shall give an undertaking through respective OEM that Gazette Notification no. SO.119(E) of MeitY and notification dated 29/08/2018 of Ministry of Communication for the applicable items(s) for compliance of MII.

Applicable Item	MII Compliance	Notification No. & Date
Ethernet Switches (L2 and L3)	60%	CG-DL-E-22102024-258138 dated 21/10/2024 (MoC)
Optical Fiber Cable	55%	CG-DL-E-22102024-258138 dated 21/10/2024 (MoC)
Radio (wireless P2P)	55%	CG-DL-E-22102024-258138 dated 21/10/2024 (MoC)

Proforma for Equipment and Quality Control

Reference: Northern Coalfields Limited **Tender/GeM Bid No.**_____

Date_____ **for supply of** _____

1. Name and Address of the Firm
2. (a) Telephone No. office/factory/works
(b) Fax No. / E-mail ID
3. Location of manufacturing works/factories owned by the firm (documentary evidence of ownership must be produced).
4. Brief description of the factory (i.e. area covered accommodation, Department into which it is divided, laboratory etc.)
5. Details of plant and machinery erected and functioning in each department (monographs and description pamphlets) be supplied if available.
6. Whether the process of manufacture in the factory is carried out with the aid of power or without it.
7. Process Flow Chart for the whole manufacturing process of the tendered item.
8. Details and stocks of raw materials held.
9. Production capacity of items quoted for with the existing plants and machinery
(a) Normal
(b) Maximum
10. Details of Quality Assurance Plan and Quality Control Infrastructures such as laboratories etc.
11. (a) Details of technical supervisory staff in-charge of production and quality control.
(b) Skilled labour employed.
(c) Unskilled labour employed
(d) Maximum number of workers (skilled and unskilled) employed on any day during 18 months preceding the date of application.
12. Whether stores were tested to any standard specification, if so, copies of original test certificate should be submitted in duplicate.

.....

(Signature of Tenderer)

NB: Details against Sl. nos. 5 to 11 inclusive need be restricted to the extent they pertain to the items under reference.

Annexure-II

Bidder shall submit completely filled Technical Parameter Sheet (TPS) along with their offer:-

Name of Bidder: _____

Bidder to indicate their acceptance/Values in below format and upload along with offer-

Particulars		Bidders Value
	AGREED or DISAGREED	
Make of the offered item(s)		
STATUS OF BIDDER (MANUFACTURER OR AUTHORIZED AGENTS/DEALERS/DISTRIBUTORS OF MANUFACTURER OR MSE OR STARTUP)		
The authorized Agents/Dealers/Distributors has to submit the acceptance of warranty /guarantee of the offered items from their principal	AGREED or DISAGREED	
Test certificate as required in the bid document / ATC	AGREED or DISAGREED	
Firm to agree Warranty / Guarantee as per Bid	AGREED or DISAGREED	
Inspection clause as per Bid	AGREED or DISAGREED	
Delivery clause as per Bid	AGREED or DISAGREED	
Consignee clause as Per Bid	AGREED or DISAGREED	
The authenticity of self-certificate as well as other documents submitted /uploaded by the bidder will solely be their responsibility and appropriate action can be taken by NCL, if it is found to be misleading / false later on.	AGREED or DISAGREED	
Proven-ness Criteria - The documents related to proven-ness criteria is to be uploaded as per Bid.	AGREED or DISAGREED	
The status of the Participating bidder shall be considered as declared by them in TPS under "STATUS OF BIDDER" and the technical scrutiny of offer will be carried on that basis.	AGREED or DISAGREED	

Signature of Bidder with Seal
(Name of Bidder)
Name of firm

COMMERCIAL PARAMETER SHEET (CPS)

Bidder shall submit **completely filled CPS, signed & stamped by bidder**, along with their offer:-

SI. No.	Description	Required value	Bidders value
1	Document related to EMD		
1a	EMD submission document, as per Clause No. 3 of ATC	Submitted / Not Applicable	
1b	EMD exemption document, as per Clause No. 3 of ATC	Submitted / Not Applicable	
2	Declaration regarding banning / de-listing / debarring / Putting on Holiday to be submitted by bidder		
2a	We, the bidder <i>{Partners (jointly and severally) in case of joint ventures, all the partners (jointly and severally) in case of partnership firm, owner/proprietor in case of proprietorship firm}</i> , have not been banned or de-listed or debarred or ‘Put on Holiday’ by any Government or quasi-Government agencies or PSUs.	We Declare / We don't Declare	
2b	In case of value indicated as “We don't Declare” at Bidders value cell of 2a above, We, the bidder, have submitted details wherever we have been banned or de-listed or debarred or ‘Put on Holiday’ by any Government or quasi-Government agencies or PSUs & have submitted the details as per Annexure-XII, section (II).	Submitted / Not applicable	
3	Declaration / certification regarding Price Fall Clause		
3a	<i>We do hereby accept the Price Fall Clause as mentioned in the Buyer Added Bid Specific ATC of the GeM Bid.</i>		
3b	We declare to have submitted the last (latest) purchase order for the tendered / similar item(s) received by us from any Organization / Ministry / Department of the Govt, of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization in line with Price Fall Clause of the ATC (In case a masked copy is submitted in our offer, we undertake that priced copy will be submitted on being L1 after opening of Price Bid / Reverse Auction)	We Declare / We don't Declare	
3c	In case of value indicated as “We don't Declare” at Bidders value cell of 3b above, We hereby certify that, we have not received any order for the tendered / similar item(s) from any Organization / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization.		

Signature of Bidder with Seal
(Name of Bidder)
Name of firm

4	Lowest Price certificate		
4a	We do hereby certify that the prices quoted in the tender are the lowest and not higher than as applicable to any Organisation / Ministry / Department of the Govt. of India or Coal India Ltd. and/or its Subsidiaries or other PSU or any other private organization.		
5	Declaration regarding Code of Integrity		
5a	<i>I/We hereby declare that we abide by the Code of Integrity for Public Procurement as defined in clause no. 25 of the ATC of your Bid document and have no conflict of interest pre-existing or shall declare as soon as these arise at any stage in any procurement process or execution of contract as mentioned under Para of Bid 17.2(i).</i>		
5b	We hereby declare that there had been no transgression of this Code of Integrity with any entity in any country during last three years as mentioned under Para of Bid 25.2(ii).	We Declare / We don't Declare	
5b	We hereby declare that there has been no any commission or fees that may have been paid or are to be paid to agents, representatives, or commission agents concerning the selection process or execution of the Contract as mentioned under Para of Bid 25.2(iii).	We Declare / We don't Declare	
5c	In case of value indicated as “We don't Declare” at Bidders value cell of either 5b or 5c above, we have submitted Declaration by the Bidder for Code of Integrity as per Annexure-IV, in line with ATC clause Nos. 25.2.(ii) & 25.2.(iii).	Submitted / Not Applicable	
6	For bid with estimated value above Rs. 2 cr. only- Pre-contract Integrity Pact as per Annexure-VI of ATC duly filled with seal and sign of bidder.	Submitted / Not Applicable	
7	For bids with estimated value less than Rs. 10 crores- Self-certificate for Local Content from the Principal Manufacturer of offered product regarding the percentage of the local content and the details of locations at which the local value addition (Sample format is at Annexure IX).	Submitted / Not Applicable	Not Applicable
8	For bids with estimated value above Rs. 10 crores- We hereby declare that percentage of local content certified by the statutory auditor or cost auditor of Principal Manufacturer , if the Principal Manufacturer is a company and by a practicing cost accountant or a chartered accountant for Principal Manufacturers other than companies (Sample format is at Annexure IX).	Submitted / Not Applicable	

Signature of Bidder with Seal
(Name of Bidder)
Name of firm

9	Only in case of submission of offer by Authorised resellers/ agents/ dealers/ distributors- <ul style="list-style-type: none"> • MAF / Undertaking from OEM as per Annexure-XI • Undertaking by Resellers/Agents/Dealers/ Distributors as per Annexure-XII of ATC 	Submitted / Not Applicable	
We acknowledge unconditional acceptance towards all other Terms & Conditions laid down in the Bid document including ATC.			

Note:

(1) Bidders value must be one of the options given in the corresponding required value column only. In case of any value indicated other than the above / column is left blank, it will not be considered as a valid response.

(2) In case of non-submission of this Annexure, the offer will be liable for commercial rejection.

Signature of Bidder with Seal
(Name of Bidder)
Name of firm

Format for declaration by the Bidder for Code of Integrity

[To be furnished as per ATC clause Nos. 25.2. (ii) & 25.2. (iii), if applicable]

Sir,

With reference to your Bid No. _____ dated _____

(I) The details of previous transgressions of the code of integrity with any entity in any country during the last three years or of being debarred by any other Procuring Entity are as under:

- (a)
- (b)
- (c)

(II) The details of any commissions or fees that may have been paid or are to be paid to agents, representatives, or commission agents concerning the selection process or execution of the Contract. The details are as under:-

- a) The name and address of the agent, representative, or commission agent,
- b) The amount and currency.
- c) The purpose of the commission or fee in the Tender Document.

We undertake that we shall be liable for any punitive action in case of transgression/ contravention of this code.

Thanking you,

Yours sincerely,

Signature
(Name of the Authorized Signatory)
Company Seal

Penal action against Suppliers

1 Suspension of Business

- 1.1** If the performance of any supplier is found to be unsatisfactory or in the event of any breach of the conditions of the contract committed by the supplier or if the conduct of the supplier (firm) is under suspicion, the competent authority (Chairman of CIL/ CMD of the Subsidiary Company, as the case may be) may consider whether such default on the part of the supplier, consequence of breach or the allegations are of a serious nature and whether pending full examination/ investigation, it would be advisable to continue business dealings with the firm. If the competent authority decides that it would not be in the interest of the Company to continue such business, pending full investigation/examination, it may suspend business dealings with the firm. Suspension of business should be considered in the cases detailed under clause 2 under point (i) to (xv). The order of suspension should specify whether all subsisting Contracts/Supplies are suspended or whether the order relates to specific Contracts/Supplies. The order of suspension would operate for a period of not more than six months unless revoked earlier. In case a firm is suspended under any of the clauses - 2(i) to (vii) and Clauses 2 (ix) to (xiii) by a subsidiary company, the firm shall be considered for suspension in all subsidiary Companies including CIL (HQ). For suspension of the firm across CIL (HQ) and its Subsidiaries, CIL (HQ) will initiate action as per clause - 1.4. In case suspension is done against any of the clauses - 2(viii), (xiv) and (xv) by a subsidiary Company, the suspension will be limited to the subsidiary who has done the suspension. However, the same can be extended to all other subsidiaries by CIL HQ depending on the conduct and performance of the firm in other subsidiaries as per process of clause - 1.4.
- 1.2** All proposals of suspension of business relating to procurement of goods and related services including proposals initiated by Area shall be put up to the Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of Subsidiary HQ along with all relevant documents. In case of procurement being dealt by CIL (HQ), such proposals shall be put up to the Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of CIL (HQ). Constitution of the above committee shall be approved by Director (Technical) of the Sub. Co. / CIL, as the case may be. The Committee, in turn, will examine the case and submit its recommendation to the competent authority i.e. CMD of the Subsidiary Company/Chairman, CIL, as the case may be, through HOD of the concerned department of the Subsidiary Company / CIL. The committee and the concerned department of the Subsidiary Company/CIL should ensure that the final examination/investigation of the case is completed well within the duration of suspension order.
- 1.3** The order of suspension must be communicated to all HODs within the Subsidiary /CIL as the case may be. Copy of the order of suspension relating to any Subsidiary Company must be forwarded to the concerned department and Vigilance Department of other Subsidiary Companies and CIL for such action as may be necessary.
- 1.4** In case suspension is done by the Subsidiary company under any of the clauses – 2 (i) to (vii) and clauses – 2 (ix) to (xiii), the Subsidiary company after issue of suspension order, will send a self-contained note to the concerned Department of CIL (HQ) with all relevant documents, for processing of suspension of the firm across all Subsidiaries including CIL (HQ). The Concerned Department of CIL (HQ) will refer the case to the Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of CIL (HQ). Constitution of the above committee shall be approved by Director (Technical), CIL. The Committee will submit the proposal to Chairman, CIL, through HOD of the Concerned Department of CIL (HQ), for according approval for suspension of the firm in CIL and its Subsidiaries. On receipt of the order of suspension of Business with any firm by any Subsidiary Company (in case suspension is done under any of Clauses - 2(viii), (xiv) and (xv)), Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of CIL (HQ) will ascertain the overall performance of the firm (including any misconduct giving rise to breach of contract) from the other Subsidiary Companies where the firm is supplying stores under any other contract. On examining the investigation report, in case the committee considers that the performance or conduct of the firm is not satisfactory even in one more subsidiary (excluding the one in which the firm is suspended), the committee may initiate the proposal, through HoD of the Concerned Department of CIL (HQ) for banning of the firm at other Subsidiaries (including CIL HQ). The Concerned Department of CIL (HQ) with the approval of Chairman, CIL will issue suspension order suspending business dealings at all the Subsidiary Companies. In case it is decided not to extend the suspension to other subsidiaries (including CIL HQ), the same should also be put to Chairman, CIL for approval.
- 1.5** During the period of suspension, the competent authority may review the order of Suspension on receipt of a representation from the firm, if any. If the competent authority considers in the light of its review that the order may

be revoked, it may do so. Order revoking the suspension order should be communicated to the firm with copy to all concerned.

1.6 However, if full investigation/examination is not completed within six months and the competent authority considers that suspension order should continue beyond that period, the suspension period beyond six months may be extended till the full investigation is completed. However, it must be ensured that the investigation/examination of the case is not delayed indefinitely. Extension of suspension beyond six month should also have the approval of Chairman of CIL/ CMD of the Subsidiary Company, as the case may be.

1.7 After full investigation of the matter is completed, the CIL / Subsidiary Company will take the following action:

- a). If the facts and evidences justify any penal action against the firm as detailed at clause-2 below, such action should be taken.
- b). Otherwise, the suspension order should be revoked forthwith, under intimation to all concerned.

2 Banning / Debarment of Business

When the misconduct and moral turpitude of a firm goes beyond mere performance issues, imposition of a ban on business relations with the firm may be done for a specified period of time, after following the prescribed procedure. The name of the defaulting firm from the list of registered vendors should be removed before submitting the proposal for banning of business. An order for banning passed for a certain specified period shall be deemed to have been automatically revoked on the expiry of that specified period and it will not be necessary to issue a specific formal order of revocation, except that an order of banning passed on account of doubtful loyalty to the country or national security considerations shall continue to remain in force until it is specifically revoked. However, the firm would have to apply afresh for registration with the procuring entities. Banning of business should be considered in the following cases:

- (i) If the Directors, Proprietors, Employees, Partners or any Representative of the firm is/are found guilty of offences involving any security consideration including loyalty to the State, in connection with business dealings with CIL or its Subsidiaries.
- (ii) If the Director, Proprietor or Partner, Manager or any Representative of the firm is convicted by a court of law
 - a). under the Prevention of Corruption Act, 1988 or under the Indian Penal Code or any other law for the time being in force for offences involving moral turpitude in business dealings; or
 - b). under the Indian Penal Code or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a public procurement contract.
- (iii) Violation / transgression of Integrity Pact.
- (iv) If there are strong reasons to believe that the Directors, Proprietors, Managers or any Representative of the firm has/have been guilty of or found to be indulging in malpractices / unethical commercial practices such as bribery, corruption, fraud, substitution of tenders, interpolation, etc.
- (v) If there is strong justification for believing that the proprietor or employee or representative of the firm has been guilty of evasion or habitual default in payment of any tax levied by law; etc.
- (vi) Willful suppression of facts or furnishing of wrong information, false declaration or manipulated or forged documents by the firm or using any other illegal/unfair means.
- (vii) Drawing double payment or submitting invoice for double payment for the supply of same materials or carrying out the same job/work.
- (viii) Supplying defective materials and failure to replace the defective materials even after reasonable extension is given to the firm for rectification/ replacement of the defective materials or carrying out defective/poor quality job, not conforming to specifications of the contract and failure to rectify it within the stipulated time.
- (ix) If the firm repeatedly and/or habitually resorts to revision of price and terms of offer within the validity period of the tender and/or submission of ambiguous and misleading offers, post tender modifications in order to undermine the decision-making process.
- (x) Failure to pay legitimate dues to CIL/Subsidiary Companies including dues arising out of Risk Purchase and when CIL and/or its Subsidiary Companies are satisfied that this is not due to any reasonable dispute which would attract proceedings in arbitration or a Court of Law.
- (xi) Continued and repeated failure to meet contractual obligations.
- (xii) Canvassing and lobbying to get undue favour from the Company.
- (xiii) Formation of price cartels with other suppliers/contractors with a view to artificially hiking the prices.
- (xiv) Non-supply of material, abandonment of works, etc.
- (xv) Any other misdeed, which may cause financial loss or commercial disadvantage to the Company.

In case a firm is banned under any of the clauses - 2(i) to (vii) and Clauses 2 (ix) to (xiii) by a subsidiary company, the firm shall be considered for banning in all subsidiary Companies including CIL (HQ). For banning of the firm across CIL (HQ) and its Subsidiaries, CIL (HQ) will initiate action as per clause - 5.7.

In case banning is done against any of the clauses - 2(viii), (xiv) and (xv) by a subsidiary Company, the banning will be limited to the subsidiary who has done the banning. However, the same can be extended to all other

subsidiaries by CIL HQ depending on the conduct and performance of the firm in other subsidiaries as per process of clause - 5.8.

3 Approving Authority for Banning / Debarment

If the ban is applicable within a Subsidiary Company, CMD of that Subsidiary Company is the competent authority to order banning of business with a firm. For banning of business with CIL and all Subsidiary Companies, approval is to be accorded by Chairman, CIL.

4 Period of Banning / Debarment

The period of banning should be decided based on the gravity of the offence and / or the quantum of loss suffered by CIL or the Subsidiary Companies. In case banning is proposed under clause-2 (i), (ii) & (iii), the banning period should not be exceeding three years. In case banning is proposed under other sub-sections of clause-2, banning period should not exceed two years.

5 Procedure for Banning / Debarment

- 5.1 All proposals of banning of business relating to procurement of goods and related services including proposals initiated by Area shall be put up to the Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of Subsidiary HQ along with all relevant documents.
In case of procurement being dealt by CIL (HQ), such proposals shall be put up to the Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of CIL (HQ). Constitution of the above committee shall be approved by Director (Technical) of the Sub. Co. / CIL, as the case may be.
The Committee, in turn, will examine the case and submit its recommendation to the competent authority i.e. CMD of the Subsidiary Company/Chairman, CIL, as the case may be, through HOD (MM) of the Sub. Co. / CIL HQ, as the case may be.
- 5.2 In case the competent authority decides that action against a firm is called for, it may recommend issue of a notice to the firm asking it to show cause why it should not be banned for a specified period in view of the allegations against it. Details of the allegations/charges may be appended to the show cause notice, signed by the HOD of the concerned MM Department, and the firm should be asked to submit its reply within 21 days. All the correspondence with the firm shall be made by email and/or speed post/ registered post.
- 5.3 On receipt of a reply of the show cause notice or where no reply is received within the stipulated period, the Committee may put up a proposal for either –
- a) Exonerating the firm, if the statement of defense of the firm is found to be satisfactory and the charges framed against the firm are not substantiated.
 - b) Banning of business dealings with the firm for a specified period.
- 5.4 The Committee will give the conclusive recommendation to the competent authority i.e. CMD of the Subsidiary Company/Chairman, CIL through HOD (MM), of the Sub. Co. / CIL HQ, as the case may be. If the competent authority, after going through the proposal, decides to ban business dealings with a firm, an order to that effect should be issued to the firm.
- 5.5 Copies of the orders of banning of business dealing with the firm should be sent to all HODs and CVO of the Subsidiary Company concerned as well as to HOD, MM Department and CVO of CIL (HQ) and other Subsidiary Companies. HOD, MM Department of CIL (HQ) and other Subsidiary Companies will circulate the same to all concerned. Copies of the orders of banning of business dealings with the firm will also be uploaded on the website of procuring entity (Subsidiary Company / CIL, as the case may be).
- 5.6 During the period of banning, no business dealing can be entered into with the firm by the Subsidiary Company which has issued the banning order. In case banning order is issued by CIL(HQ), it will be applicable for the whole of Coal India. Normally, contracts conclude before the issue of the banning order shall not be affected by the banning order. However, considering the gravity of the offence, the existing ongoing contracts may also be terminated after observing the formalities of termination as stipulated in the existing contracts. The order of banning should specify whether all the existing ongoing contracts are covered under the banning or whether certain existing contracts are excluded from the scope of banning.
Once a contracting entity is debarred, it shall be extended to the constituents of that entity, i.e. partners (jointly and severally) in case of joint ventures, all the partners (jointly and severally) in case partnership firm, owner/proprietor in case of proprietorship firm. The names of partners should be clearly specified in the Debarment Order. If such debarred owner/proprietor/partner make/form different firms/entity and attempts to participate in tenders, the same shall not be entertained during the currency of such debarment. In case the contracting entity being debarred is a company then only the company shall be debarred.
- 5.7 In case banning is done by the Subsidiary company under any of the clauses – 2 (i) to (vii) and clauses – 2 (ix) to (xiii), the Subsidiary company after issue of banning order, will send a self-contained note to MM Department, CIL (HQ) with all relevant documents, for processing of banning of the firm across all Subsidiaries including CIL (HQ). MM Department, CIL (HQ) will refer the case to the Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of CIL (HQ). Constitution of the above committee shall be approved by Director (Technical), CIL.
Committee will submit the proposal to Chairman, CIL, through HOD (MM), CIL HQ for according approval for issuing a fresh Show Cause notice to the firm giving 21 days' time to reply, for banning of the firm in CIL and its Subsidiaries.

- 5.8 On receipt of the order of Banning of Business with any firm by any Subsidiary Company (in case banning is done under any of Clauses -2(viii), (xiv) and (xv)), Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of CIL (HQ) will ascertain the conduct (violation of IP, CIPP etc.) and performance (Product Performance, Non - Delivery etc.) of the firm at other subsidiaries.
In case the committee considers that the performance or conduct of the firm is not satisfactory even in one more subsidiary (excluding the one in which the firm is banned), the committee may initiate the proposal, through HoD (MM), CIL HQ, for banning of the firm at other Subsidiaries (including CIL HQ). If it is decided to resort to banning of business of the firm with other subsidiaries (including CIL HQ), a fresh Show Cause notice will have to be issued to the firm giving 21 days to reply after approval of Chairman, CIL.
In case it is decided not to extend the banning to other subsidiaries (including CIL HQ), the same should also be put to Chairman, CIL for approval.
- 5.9 If the competent authority, after going through the recommendation of the committee, duly forwarded by HoD (MM) CIL HQ, decides to ban business dealings with a firm, an order to that effect should be issued to the firm. The order imposing banning on the business dealings with the firm should specifically mention whether the ban would extend to all the Subsidiary Companies, in case it is decided to do so and also the period of banning in number of years.
- 5.10 Copies of the order of banning issued by CIL will be sent to HODs, MM Department and CVOs of all Subsidiary Companies and CVO, CIL. It will also be uploaded on the web-site of CIL.
- 5.11 If after issuance of banning order by the Subsidiary Company/ CIL (HQ), the firm comes up with any appeal or representation seeking withdrawal or any modification of the order, the matter should be decided with the approval of Chairman, CIL in case banning order is issued by the Subsidiary Company and with the approval of CFDs of CIL in case banning order is issued by CIL HQ.

6 The debarment done by DoE / MoC shall also be applicable in CIL and its Subsidiaries.

7. No contract of any kind whatsoever shall be placed to debarred firm after the issue of a debarment order by DoE / MoC / CIL / Subsidiary (as applicable) if such debarment has been done before the last date of bid submission.

8 Ordinarily, the period of debarment should not be less than six months. Suppliers are important assets for the procuring entities, and punishing delinquent suppliers should be the last resort. It takes a lot of time and effort to develop, register and mature a new supplier. In case of shortage of firms (less than three eligible firms (who have been found technocommercially eligible as per past experience in previous 3 tenders) in a particular group of materials/equipment, such debarments may also hurt the interest of CIL and/or its Subsidiaries. Therefore, CIL and/or its Subsidiaries may always seek the views of the Committee consisting of Officers of Grade E-7 or above of MM, Finance, Technical and Legal Dept. of Subsidiary HQ / CIL HQ, as the case may be, regarding the repercussions of such punitive action on the continuity of procurements. CIL and/or its Subsidiaries may give due weightage to the past performance of the supplier.

In case of a shortage of suppliers (less than three eligible firms, who have been found techno-commercially eligible as per past experience in previous 3 tenders) and in cases of less serious misdemeanours, CIL and/or its Subsidiaries may pragmatically analyze the circumstances, try to reform the firm and get a written commitment from the firm that its performance will improve. If this fails, efforts should be made to see if a shorter period of debarment can serve the purpose.

PRE CONTRACT INTEGRITY PACT

General

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on day of bid submission, between on one hand, Coal India Limited / Subsidiary Cos. (hereinafter called the “BUYER / Principal”, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and Undersigned who is authorized to sign the bid (hereinafter called the “BIDDER/Seller/Contractor” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the BUYER proposes to procure the tendered Stores/Equipment/Items/Goods and the BIDDER/Seller is willing to offer/has offered the stores and

WHEREAS the BIDDER is a private company/public company/Government undertaking/partnership/registered export agency, constituted in accordance with the relevant law in the matter and the BUYER is a Central Public Sector Unit.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to :-

Enabling the BUYER to obtain the desired said stores/equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement, and

Enabling BIDDERS to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the BUYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows: Preamble

The Principal intends to award contract/s for _____, under laid down organizational procedures, The Principal values full compliance with all relevant laws of the land, rules, regulations, economical use of resources, and fairness / transparency in its relations with its Bidder(s) and / or Contractor(s).

To achieve these goals, the Principal shall appoint Independent External Monitors (IEMs) who shall monitor the tender process and the execution of the contract for compliance with the abovementioned principles.

Section 1 – Commitments of the Principal

- 1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
 - a. No employee of the Principal, personally or through family members, shall in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

- b. The Principal shall treat all Bidder(s) with equity and reason during the tender process. The Principal shall, in particular, before and during the tender process, provide to all Bidder(s) the same information and shall not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in the tender process or the contract execution.
 - c. The Principal shall exclude from the process all known persons having conflict of interest.
- 2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal shall inform the Chief Vigilance Officer and in addition shall initiate disciplinary proceedings.

Section 2 – Commitments of the Bidder(s)/ Contractor(s)

- 1) The Bidder(s)/ Contractor(s) commits themselves to take all measures necessary to prevent corruption. The Bidder(s)/ Contractor(s) commits themselves to observe the following principles during participation in the tender process and the contract execution.
- a. The Bidder(s)/ Contractor(s) shall not, directly or through any other person or firm, offer, promise, or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which they are not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or the execution of the contract.
 - b. The Bidder(s)/ Contractor(s) shall not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal, in violation of the Competition Act, 2002 (as amended from time to time). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the tender process.
 - c. The Bidder(s)/ Contractor(s) shall not commit any offence under the relevant IPC/PC Act; further, the Bidder(s)/ Contractor(s) shall not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals, and business details, including information contained or transmitted electronically.
 - d. The Bidder(s)/Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details, as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers," shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines, all the payments made to the Indian agent/representative must be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed on Annex hereto.
 - e. The Bidder(s)/ Contractor(s) shall, when presenting their bid, disclose any and all

payments made, is committed to, or intends to make to agents, brokers, or any other intermediaries in connection with the award of the contract.

- f. Bidder(s) /Contractor(s) who have signed the Integrity Pact shall not approach the Courts while representing the matter to IEMs and shall wait for their decision.
- 2) The Bidder(s)/ Contractor(s) shall not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from the tender process and exclusion from future contracts

If the Bidder(s)/Contractor(s), before award or during execution, has committed a transgression through a violation of Section 2, above or in any other form such as to put their reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per laid down procedure to debar the Bidder(s)/Contractor(s) from participating in the future procurement processes of the Government of India.

Section 4 – Compensation for Damages

- 1) If the Principal has disqualified the Bidder(s) from the tender process before the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- 2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

- 1) The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 2) If the Bidder makes an incorrect statement on this subject, the Principal shall act like para 2) of Section 4 above.

Section 6 – Equal treatment of all Bidders / Contractors / Subcontractors

In the case of Sub-contracting, the Principal Contractor shall take responsibility for adopting the Integrity Pact by the Sub-contractor.

- a. The Principal shall enter into agreements with identical conditions as this one with all Bidders and Contractors.
- b. The Principal shall disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidder(s) / Contractor(s) / Subcontractor(s)

If the Principal obtains knowledge of the conduct of a Bidder, Contractor, or Subcontractor, or of an employee or a representative or an allied firm of a Bidder, Contractor or Subcontractor which constitutes corruption,

or if the Principal has substantive suspicion in this regard, the Principal shall inform the same to the Chief Vigilance Officer.

Section 8 – Independent External Monitor

- 1) The Principal shall appoint competent and credible Independent External Monitor(s) for this Pact after approval by the Central Vigilance Commission. The task of the Monitor is to review, independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
- 2) The Monitor is not subject to instructions by the parties' representatives and performs their functions neutrally and independently. The Monitor would have access to all Contract documents whenever required. It shall be obligatory for them to treat the information and documents of the Bidders/Contractors as confidential. They report to the Management of the Principal.
- 3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction, all Project documentation of the Principal, including that provided by the Contractor. Upon their request and demonstration of a valid interest, the Contractor shall also grant the Monitor unrestricted and unconditional access to their project documentation. The same applies to Subcontractors.
- 4) The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s)/ Sub-contractor(s) with confidentiality. The Monitor has also signed declarations on 'Non- Disclosure of Confidential Information' and 'Absence of Conflict of Interest.' In case of any conflict of interest arising later, the IEM shall inform the Management of the Principal and recuse themselves from that case.
- 5) The Principal shall provide the Monitor with sufficient information about all meetings among the parties related to the Project, provided such meetings could impact the contractual relations between the Principal and the Contractor. The parties offer the Monitor the option to participate in such meetings.
- 6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, they shall inform the Management of the Principal and request the Management to discontinue or take corrective action or other relevant action. The Monitor can, in this regard, submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action, or tolerate action.
- 7) The Monitor shall submit a written report to the Management of the Principal, within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8) If the Monitor has reported to the Management of the Principal a substantiated suspicion of an offence under the relevant IPC/ PC Act, and the Management of the Principal has not, within the reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
- 9) The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders, 6 months after the contract has been awarded. Any violation of the same would entail disqualifying the bidders and exclusion from future business dealings. If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged / determined by the Management of the Principal.

Section 10 – Other provisions

- 1) This agreement is subject to Indian Law. The place of performance and jurisdiction is the place from where the Tender/ Contract is issued.
- 2) Changes, supplements, and termination notices must be submitted in writing. Side agreements have not been made.
- 3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties shall strive

to come to an agreement according to their original intentions.

- 5) Issues like Warranty / Guarantee, etc., shall be outside the purview of IEMs.
- 6) In the event of any contradiction between the Integrity Pact and its Annex, the Clause in the Integrity Pact shall prevail.

(For & On behalf of the Principal)
Seal)

(For & On behalf of Bidder/ Contractor) (Office
(Office Seal)

Place Date

Witness 1:

Witness 1:

(Name & Address

(Name & Address

Performance Bank Guarantee Format

Northern Coalfields Limited,
Panjreh Bhawan, P.O. Singrauli Colliery,
Dist. Singrauli (Madhya Pradesh) – 486889

Re: Bank Guarantee in respect of Agreement / Contract / Purchase Order vide no. dated between..... (Name of Purchaser Company) and (Name of Supplier Company) {applicable for subsidiary contracts/Purchase Orders}

Messersa Company / Firm having its office at No. (hereinafter called 'the Contractor') has entered into the Agreement / Contract / Purchase Order vide no dated (hereinafter called 'the said Agreement') with Coal India Limited, Kolkata on behalf of / Purchaser Company (Name of the concerned subsidiary Company) (hereinafter called 'the Company') to supply stores/ materials amounting to Rs.on the terms and conditions contained in the said Agreement.

The..... (Name of the Bank) (hereinafter called 'the Bank') having its office at..... has at the request of the Contractor agreed to give the guarantee as hereinafter contained.

We.....(Name of the Bank) do hereby unconditionally agree with the Company that if the Contractor shall in any way fail to observe or perform the terms and conditions of the said Agreement or shall commit any breach of its obligations thereunder, the Bank shall on demand and without any objection or demur pay to the Company, the said sum of Rs..... or any portion thereof without requiring the Company to have recourse to any legal remedy that may be available to it to compel the Bank to pay the same or calling on the Company to compel such payment by the Contractor.

Any such demand shall be conclusive as regards the liability of the Contractor to the Company and as regards the amount payable by the Bank under this guarantee. The Bank shall not be entitled to withhold payment on the ground that the Contractor has disputed its liability to pay or has disputed the quantum of the amount or that any arbitration proceeding or legal proceeding is pending between the Company and the Contractor regarding the claim.

We, the Bank, further agree that the guarantee shall come into force from the date hereof and shall remain in full force and effect till the period that will be taken for the performance of the said Agreement which is likely to be the day of..... but if the period of Agreement is extended either pursuant to the provisions in the said Agreement or by mutual agreement between the Contractor and the Company, the Bank shall renew the period of the guarantee failing which it shall pay to the Company the said sum of Rs....., or such lesser amount out of the said sum of Rs.....as maybe due to the Company and as the Company may demand. This guarantee shall remain in force until the dues of the Company in respect of the said sum of Rs..... are fully satisfied and the Company certifies that the Agreement has been fully carried out by the contractor and discharges the guarantee.

The Bank further agrees with the Company that the Company shall have the fullest liberty without the consent of the Bank and without affecting in any way the obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend the time for performance of the said Agreement from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the contractor and to forbear to enforce any of the terms and conditions relating to the said Agreement and the Bank shall not be relieved from its liability by reason of such failure or extension being granted to the contractor or through any forbearance, act or omission on the part of the Company or any indulgence by the Company to the contractor or any other matter or thing whatsoever which under the law relating to sureties would but for this provisions have the effect of relieving or discharging the Guarantor.

The Bank further agrees that in case this guarantee is required for a longer period and it is not extended by the Bank beyond the period specified above, the Bank shall pay to the Company the said sum of Rs..... or such lesser sum as may then be due to the Company and as the Company may require.

Notwithstanding anything herein contained the liability of the Bank under this guarantee is restricted to Rs.....only. The guarantee shall remain in force till the.....day of20... and unless the guarantee is renewed or a claim is preferred against the Bank within the validity period and/or the claim period from the said date, all rights of the Company under this guarantee shall cease and the Bank shall be released and discharged from all liability hereunder except as provided in the preceding clause.

The Bank has under its constitution power to give this guarantee and..... [(Name of the person(s)] who have signed it on behalf of the Bank has authority to do so.

Controlling Officer of the Bank:

Name –

Address –

.....

.....

Telephone No. –

Branch of the Bank issuing BG -

Dated this.....day of20.....

Place.....

Signature of the authorized person(s)
For and on behalf of the Bank.

FORMAT FOR NO CLAIM CERTIFICATE

To be furnished along with request letter for release of PBG

(On company letterhead)

To,

General Manager (MM)/HOD

Northern Coalfields Limited (Procuring Entity)

Singrauli (MP)

NO CLAIM CERTIFICATE

Sub: Contract Agreement no. ----- dated -----for the supply of ----- -

We have received the sum of Rs. (Rupees _____ only) in full and final settlement of all the payments due to us for the supply of _____ under the above mentioned contract agreement, between us and Northern Coalfields Limited. We hereby unconditionally and without any reservation whatsoever, certify that we have no claim whatsoever, of any description, on any account, against Procuring Entity, against aforesaid contract agreement executed by us. We further declare unequivocally, that we have received all the amounts payable to us, and have no dispute of any description whatsoever, regarding the amounts worked out as payable to us and received by us, and that we shall continue to be bound by the terms and conditions of the contract agreement, as regards performance of the contract.

Yours faithfully,

Signatures of contractor or officer authorized to sign the contract documents on behalf of the contractor (company stamp)

Date:

Place:

(For procurement Value below Rs. 10.00 Crores)

Sample format for Self-certificate for Local Content as per Make in India Policy

To be submitted by Principal Manufacturer

We have gone through Public Procurement (Preference to Make in India), Order 2017-Revision dt.19.07.2024 or latest and hereby confirm in respect of quoted item(s) that amount of value added in India [which is the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties)] as a proportion of the total value is equal to or more than %.

And

Item offered meets the Local content requirement for Class-I Local Supplier'/ Class-II Local Supplier

(strike out which is not applicable)

Details & address of location(s)[Factory] at which local value addition is made is as under:

.....

Date

Signature of Tenderer

Seal of the Firm

Note: .

1. To ensure that imported items sourced locally from resellers/distributors are excluded from calculation of local content, the cost of such locally-sourced imported items (inclusive of taxes) along with breakup on license/royalties paid/technical expertise cost etc. sourced from outside India shall be submitted by the bidder, if applicable. For items sold by bidders as reseller, OEM certificate for country of origin to be submitted in line with clause No. 2 (d) of Public Procurement (Preference to Make in India), Order 2017-Revision dtd 19.07.2024.
- 2) For procurement Value in excess of Rs.10.00 Crores, the Class I & Class II local supplier shall be required to provide above certificate from the Statutory Auditor or Cost Auditor of the company (in case of company) or from a practicing Cost Accountant or practicing Chartered Account (in respect of suppliers other than companies) (Under Unique document Identification Number-UDIN) giving the percentage of local content.
- 3) At the time of execution, for all contracts above INR 10 Crore, the contractor/ supplier shall be required to give local content certification duly certified by cost/ chartered

accountant in practice. For cases where it is not possible to provide certification by Cost/Chartered Accountant at the time of execution of project, the supplier shall be permitted to provide the certificate for local content from Cost/ Chartered Accountant after completion of the contract, within time limit acceptable to the procuring entity. In case the contractor/ supplier does not meet the stipulated local content requirement and the category of the supplier changes from Class-I to Class-II/ Non-local or from Class-II to Non-local, a penalty upto 10% of the contract value may be imposed. However, contract once awarded shall not be terminated on this account.

- 4) In case of authorised dealer distributor/Agent/reseller, above certificate for Local Content from OEM/Principal Manufacturer is required to be uploaded.

Additional Documents Required for Vendor Codification:

These documents do not pertain to the commercial evaluation of any offer. Non-submission of these documents will not cause commercial disqualification. These are required only and only for creation / verification of vendor code, which will be required for process payment towards supply Or refund of EMD Or Refund of amount against encashed Bank Guarantee, as the case may be:

1. Copy of GSTR.
2. Copy of PAN Card.
3. Copy of cancelled cheque.
4. The following format, duly filled, signed & stamped by the bidder:



NORTHERN COALFIELDS LIMITED (MP)-486889
(A Mini Ratna Company)
CIN: U10102MP1985GOI003160
Systems Department (HQ), Email id: nclcorptax@gmail.com
Phone: 07805- 256298

GST CUSTOMER REGISTRATION FORM

Vendor Code (To be Allotted By NCL)	
---	--

Details to be provided by Customer:-

Customer Name							
Contact Person Name							
Phone no.							
Email ID							
Address	Registered Address :- Correspondence/Local:-						
Entity (Individual/Firm/Company/ AOP/JV/Other)							
CIN(In case of Company) LLPIN (In case of LLP)							
Bank Accounts Detail	<table border="1"><tr><td>Bank Account Number</td><td></td></tr><tr><td>Name of Bank along with address</td><td></td></tr><tr><td>IFSC Code</td><td></td></tr></table>	Bank Account Number		Name of Bank along with address		IFSC Code	
Bank Account Number							
Name of Bank along with address							
IFSC Code							
PAN (Along with self-certified copy of PAN)							
GST Identification Number (along with self-certified copy of the same)	<table border="1"><tr><td>GSTIN</td><td>STATE</td><td>ARN</td></tr><tr><td></td><td></td><td></td></tr></table>	GSTIN	STATE	ARN			
GSTIN	STATE	ARN					

HSN (In case of goods)/ SAC (In case of Services)	
	1. 2. 3.

Signature of Authorized Signatory
Name:
Mobile Number
Email Id

Manufacturer's Authorization Form

(To be typed on the Principals letter head and should be pre dated (prior to tender opening date and properly signed)

To
General Manager (MM),
Northern Coalfields Ltd

Dear Sir.

Against the Tender no.: _____, we hereby authorize M/s. _____ to participate in the tender and submit the offer and enter into contract / Supply order, on our behalf. This authorization is valid till the successful completion of supplies against this tender.

We confirm / undertake that:

1. As a matter of our corporate policy, we do not quote directly to any organisation in India (except in situations like supplies to OEM /OES/ OPM, supplies of spares and consumables bundled with supply of equipment, supplies to customers not covered by dealer network due to geographical/ logistics constraints). If, subsequently, at any stage, it is found that we have quoted directly to any organization in India (except in situations like supplies to OEM /OES/ OPM, supplies of spares and consumables bundled with supply of equipment, supplies to customers not covered by dealer network due to geographical/ logistics constraints), we shall be liable for penal action as per provisions of the bid. Further, if at any stage, it is found that agency commission has been paid by us without declaring the agent, the commission may be recovered with interest.
2. We will accept the responsibility for the satisfactory execution of orders placed on the authorized agent including warranty/ guarantee obligations.
3. Wherever necessary, we will provide requisite inspection and testing facilities at our works in respect of orders placed on authorized agent.
4. The price quoted by our authorized agent will not exceed the price which we would have quoted.
5. In the event of placement of order on our authorized dealer, the goods supplied / goods offered for inspection would be accompanied by a certificate stating that the goods have been manufactured by us.
6. We also confirm that we *{Partners (jointly and severally) in case of joint ventures, all the partners (jointly and severally) in case of partnership firm, owner/proprietor in case of proprietorship firm}* have not been banned or de-listed or debarred or „Put On Holiday“ by any Government or quasi-Government agencies or PSUs.”

OR

We *{Partners (jointly and severally) in case of joint ventures, all the partners (jointly and severally) in case of partnership firm, owner/proprietor in case of proprietorship firm}* have been banned or de-listed or debarred or Put on Holiday by the organization named “-----” for a period of _____ year(s) effective from ----- to -----for (the reasons to be mentioned) in India.

(Name) (Designation) Email id: Date:

Signature of Authorized signatory of Principal Manufacturer

Seal of the firm

Annexure XII

Undertaking by resellers/agents/dealers/distributors authorized by Principal Manufacturer/ OEM

**TO BE SUBMITTED IN CASE OFFER IS SUBMITTED BY BIDDER WHICH IS
RESELLERS/AGENTS/DEALERS/DISTRIBUTORS**

Section (I):

We undertake the following:

- i) That we will be responsible for all the contractual obligations including quality aspects, replacement of part/items and warranty/ guarantee obligations
- ii) That we will be responsible for providing the required after sale service
- iii) That our Business Entity is in existence for more than 3 years as on the date of this Tender opening
- iv) We also confirm that we *{Partners (jointly and severally) in case of joint ventures, all the partners (jointly and severally) in case of partnership firm, owner/proprietor in case of proprietorship firm}* have not been banned or de-listed or debarred or 'Put on Holiday' by any Government or quasi-Government agencies or PSUs."

Date:

Signature of Authorized signatory

Seal of the firm

Section (II):

To be filled only if applicable-

We *{Partners (jointly and severally) in case of joint ventures, all the partners (jointly and severally) in case of partnership firm, owner/proprietor in case of proprietorship firm}* have been banned / de-listed / debarred / put on holiday by following government/quasi-Government agencies/PSUs:

Name of the Organization	Period of banning (Start date and end date)

We *{Partners (jointly and severally) in case of joint ventures, all the partners (jointly and severally) in case of partnership firm, owner/proprietor in case of proprietorship firm}* have not been banned or de-listed or debarred or 'Put on Holiday' by any Government or quasi-Government agencies or PSUs, other than the above declaration."

Date:

Signature of Authorized signatory

Seal of the firm

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	24-03-2026 13:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	24-03-2026 13:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	120 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Coal
विभाग का नाम/Department Name	Coal India Limited
संगठन का नाम/Organisation Name	Northern Coalfields Limited
कार्यालय का नाम/Office Name	Ncl Singrauli Madhya Pradesh
कुल मात्रा/Total Quantity	1154
वस्तु श्रेणी /Item Category	Camera for CCTV System (V3) , Supply, Installation, Commissioning and CAMC Of CCTV Cameras And Accessories Required
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Procurement for Supply installation commissioning and CAMC of CCTV cameras and accessories required for surveillance system
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Category not available on GeM for the text string uploaded by the buyer
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> • Video Recorder for CCTV System (V2) • Camera for CCTV System (V3)
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover	Yes Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover	Yes Complete
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
बिड का प्रकार/Type of Bid	Two Packet Bid
प्राथमिक उत्पाद श्रेणी/Primary product category	Supply, Installation, Commissioning and CAMC Of CCTV Cameras And Accessories Required
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	7 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
अनुमानित बिड मूल्य / Estimated Bid Value	330299104.22
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
वित्तीय दस्तावेज की आवश्यकता है / Financial Document Required	Yes
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	ICICI
ईएमडी राशि/EMD Amount	5000000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	ICICI
ईपीबीजी प्रतिशत (%) / ePBG Percentage (%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) / Duration of ePBG required (Months).	14

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

MM Department
Northern Coalfields Limited, Singrauli Madhya Pradesh
(Mm Department)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers available upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
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सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
5. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023. [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
6. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is

validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

7. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

8. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

Price Bid - [1772260921.xlsx](#)

Camera For CCTV System (V3) (1153 pieces)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Bis Required	Yes
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तकनीकी विशिष्टियाँ /Technical Specifications

* जेम कैटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Generic	PTZ Camera / Speed Dome Camera	No
	Type of Camera Housing	Bullet Camera
	IP Camera	Yes
	Camera Image Sensing capacity	4MP (2560x1440) or better
	Maximum Frame Rates(frames per second) Supported	25/30, 50/60 Or higher
	Number of simultaneous video Streams	Triple stream(Full/Compressed)
	IR illumination Range(meter)	Not provided, 5-14, 15-30, 31-50, 51-70, 71-100, 101-200, 201-300, 301-400, 401-500, 501-600 Or higher
Construction	Installation Type/ Area of use	Outdoor
Optics/ Performance	Lens Type	Varifocal Motorized
	Focal Length for Fixed / Fisheye Lens Type (mm)	NA (being varifocal Lens)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
	Focal Length for Varifocal Lens Type (mm)	Max 9 mm or better, Max 12 mm or better, Max 15 mm or better, Max 20 mm or better, Max 30 mm or better, Max 40 mm or better, Max 50 mm or better, Max 75 mm or better, Max 100 mm or better, Max 125 mm or better, Max 150 mm or better, Max 200 mm or better, Max 250 mm or better, Max 300 mm or better
	Optical Zoom	2X - 3X, more than 3X - 5X, more than 5X - 8X, more than 8X - 12X, more than 12X - 16X, more than 16X - 20X, more than 20X - 25X, more than 25X - 30X, more than 30X - 35X, more than 35X - 40X, more than 40X - 45X, more than 45X - 50X Or higher
Network And Interface	Type of network required to transmit video / Image recorded by camera	Wired
Storage	On Board SD Card Support	Yes
	SD Card Capacity	128 GB, 256 GB, 512 GB, 1 TB Or higher
Warranty / Service	Comprehensive Warranty (Year)	1, 2, 3, 4, 5 Or higher
Certification / Test Report	Availability of security testing report for CCTV/VSS issued by standardization Testing and Quality certification (STQC) Laboratory or any other agency notified by Meity	Yes (Complying to the requirement of clause 5 of S.O. 1119 (E) on the subject: Public Procurement (Preference to make in India) Order 2017-Notifying CCTV/Video Surveillance System for Security in furtherance of the order at dated 6th March, 2024 or Latest)
	BIS Registration (CRS) for safety general requirements as per IS 13252 (Part 1):latest	Yes

Additional Specification Parameters - Camera For CCTV System (V3) (1153 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
All the Technical Specifications will be according to the TPS	Yes

* Bidders offering must also comply with the additional specification parameters mentioned above.

परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Aman Lavania	486890,CENTRAL STORES, JAYANT COLLIERY, PO - JAYANT	1153	360

Supply, Installation, Commissioning And CAMC Of CCTV Cameras And Accessories Required (1 set)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Aman Lavania	486890,CENTRAL STORES, JAYANT COLLIERY, PO - JAYANT	1	360

Special terms and conditions-Version:2 effective from 18-02-2025 for category Camera for CCTV System (V3)

1. **Note to Buyers:**

- The Central Ministries/ Departments and other government buyers as applicable shall take cognizance of "Public Procurement (Preference to Make in India) Order 2017-Notifying CCTV/ Video Surveillance dated 6th March 2024, System for Security in furtherance of the Order" 5 " while procuring The surveillance devices i.e., CCTV Cameras (Analog/ IP/ Analog Speed Dome/ IP Speed Dome) should comply with the Essential Requirements (ERs) for security prescribed by MeitY to ensure the security of the VSS / CCTV systems, as per the Appendix 'A', as amended from time to time. The security testing report for CCTV/VSS is to be issued by the Standardisation Testing and Quality Certification (STQC) Laboratory or any other agency notified by MeitY from time to time. The validity of the test report issued by STQC Lab will be three years from the date of issue of the report. These Essential Requirements (ERs) for security of CCTV Cameras/VSS system will be enforced after 3 months from the date of issuance of this Notification. The security norms for the DVR and NVR will be notified subsequently." Accordingly, compliance regarding security testing report for CCTV/VSS issued by Standardization Testing and Quality Certification (STQC) Laboratory or any other agency notified by Meity shall be ensured before accepting/releasing CRAC of the supplied stores. **Please note that the certified product list meeting Essential Requirements (ERs) is available at-<https://www.stqc.gov.in/iot-system-certification-scheme-iots-cs-0>**
- Buyers are also expected to strictly ensure compliance with the MHA advisory issued by O.M. IV-24011/22/2020-Prov-I/270 dated 26 April 2024. Where in inter alia following is stipulated.
 - All Government agencies are advised that henceforth they may procure their CCTVs and allied solutions and hardware based on the Public Procurement Order 2017 and

- ensure the security of CCTV systems as mentioned in the above-mentioned notifications.
- ii. Further, MeitY has issued an Advisory vide O.M. dated W-43/11/2021-IPHW dated 11 March 2024 on the Threat of Information through CCTV/Video Surveillance System (VSS)/Digital Video Recorders/Network Video Recorders. All Government agencies are advised to adhere to the guidelines outlined within the ambit of the Public Procurement Orders to safeguard the overall security and integrity of CCTV Cameras.
 - iii. Additionally, further notification from relevant government department or ministry pertaining to the aforementioned PPO is to be complied with.
- c. Buyer is expected to apply all relevant filters against "Golden/Filterable" parameters to clearly define their technical requirements.
 - i. **For Procurement through BID/RA:** -One and only one value to be specified by the buyer against "Golden" parameters. Selecting "Any value" against GOLDEN parameters may result in incomplete specification in the bid and finally result in a vague contract. Accordingly any bid not having specific value against the GOLDEN parameters resulting in limited competition or higher cost to the exchequer or incomplete/ vague contract, the Buyer shall be solely responsible.
 - ii. **For Procurement through DIRECT/L1:**Buyers are advised to apply filters/ selections allowing all the values that are considered meeting or are better than their technical requirements. For any violation of the above, if resulting in limited competition or higher cost to the exchequer, the Buyer shall be solely responsible.
 - d. Buyer intending to buy Camera for CCTV System (V2) with optional accessories, and optional features shall use BID/RA. These optional kind of parameters are multi-select for the seller, the buyer shall stipulate/select only required accessories in their bid/RA. The required accessories as per bid/RA shall only be verified before accepting the stores. This is to ensure strict compliance of supplied stores to the bid requirement including ATC if any. However, the contract generated may have mentioned accessories other than the bid/RA requirement due to the fact that the contract gets generated based on the catalog uploaded by the OEM/seller. This type of optional parameter is to enable the seller without creating multiple catalogs for given base models having capabilities to be upgraded.
 - e. Direct/L1 procurement with a selection of optional accessories will not be covered in supply through their names/ offer may be appearing in the contract but seller/supplier do not supply the same being optional and the buyer has not exercised their right to choose by specifying the same in bid/RA.
 - f. Buyer shall also refer to GTC Clause 4. xiii.(w). The ATC / additional specification if any added by the buyer shall not be contradictory to the GeM category specifications / technical particulars (TP).
 - g. Buyer/ consignee shall verify all the parameters/ specification including the specification which are to be as per the OEM brochure before issuing CRAC.
 - h. The consignee is also required to verify the mandatory (CRS) BIS registration of the supplied stores to the IS 13252 Part 1 (2010) before accepting/ CRAC.
2. **Note to Sellers: -**
 - a. Seller may refer to GTC and ensure strict compliance of the uploaded/offered product which shall be in line with their model having the claimed specifications or better.
 - b. In case the seller's declared values are contradictory to the specifications provided elsewhere in the TP; the specification claimed in the TP shall supersede the seller's declared values.
 - c. Also, the same model shall not be uploaded across catalogs with unreasonable/ contradictory offerings.
 - d. In case any discrepancy is observed in the offered/ uploaded products, the OEM dashboard of the respective Brand may be removed, and the account shall be suspended as per IM policy.

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to

minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

3. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

4. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

5. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

6. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the

case may be.

15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---