



**SECURITY PAPER MILL,
NARMADAPURAM- 461005 (M.P), INDIA**

(A Unit of Security Printing and Minting Corporation of India Limited)

(Wholly owned by Government of India)

(Miniratna Category-I CPSE & ISO 9001:2015, 14001:2015, 45001:2018, 50001:2018 & IEC17025:2017 Certified)

Website: <http://spmarmadapuram.spmcil.com>

E-Mail: gm.spm@spmCIL.com

CIN: U22213DL2006GOI144763,

Ph.No:91-7574-255259,

GSTIN: 23AAJCS6111J3ZE

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PR Number	PR Date	Indenter	Department
17005073	13.09.2024	E&I/PAC	E&I/spmh

Security Classification: NON-SECURITY

TENDER DOCUMENT for "Procurement of 7 nos of cctv cameras"

Tender Number: 6000018970/E&I/PAC/

Dt. 01.10.2024

This Tender Document Contains 21 Pages.

Tender Documents is issued to:

To,

M/s. koraj Technique
Plot no.8 Mahendra Ample park, Salaiya,
Bhopal (M.P.) -462042
Contact Number:+91-8989813736
Email:-project@koraj.co.in

Details of Contact person in SPMCIL regarding this tender:

Name, Designation : Balbir Singh Prajapati [Manager (Material)]

Address: Security Paper Mill, Narmadapuram

Phone No : 07574-286848/286587

Email: balbirs.prajapati@spmCIL.com



Tender Number:6000018970

Section 1: Notice Inviting Tender (NIT)

6000018970 /E&I/OLDPLANT/PAC

01.10.2024

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	CCTV Camera	3.000 EA	00.00INR	
2	CCTV Camera	4.000 EA		
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			ONE-BID PROPRIETARY ARTICLE CERTIFICATE	
Dates of sale of tender documents:			From 01.10.2024 to 05.11.2024 during office hours.	
Place of sale of tender documents			SPM NARMADAPURAM	
Closing date and time for receipt of tenders			05.11.2024 11:00:00	
Place of receipt of tenders			SPM NARMADAPURAM	
Time and date of opening of tenders			05.11.2024 15:00:00	
Place of opening of tenders			SPM NARMADAPURAM	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			Balbir Singh Prajapati [Manager (Material)]	

Sub: Regarding acceptance of Terms and Conditions for procurement of "7 nos of CCTV camera".

Security Paper Mill, NARMADAPURAM MP invites the quotation/ Proforma Invoice for the procurement of "7 nos of CCTV camera ".You are therefore, requested to send the quotation cum proforma invoice for the same on or before closing date & time for receipt of tender by Fax & Email, and sent original copy by speed post. The quotation cum proforma invoice may be sent in the favour of the "The Chief General Manager, Security Paper Mill, NARMADAPURAM MP" immediately containing the following:

Please submit on or before 3:00 pm on date of tender opening, your quotation for following goods, in accordance with the Terms and Conditions printed in this tender enquiry, in a sealed cover, marked on top with – Enquiry No; Date of Tender opening.

Your's Faithfully

(Balbir Singh Prajapati)
Manager(Material)
FOR CHIEF GENERAL MANAGER
CORRESPONDING ADDRESS

THE CHIEF GENERAL MANAGER
SECURITY PAPER MILL
NARMADAPURAM-461005 (M.P.)
Website: <http://spmarmadapura.spmcil.com>,
Email :balbirs.prajapati@spmCIL.com
PHONE :-07574-286848/286587



Tender Number:6000018970

TERMS AND CONDITIONS :

1. The quotation must be in the form furnished by procuring entity and should be in ink free from corrections/erasures. In case there is any unavoidable correction it should be properly attested, otherwise the quotation will not be considered.
2. Quotation will be opened on due date at 3.00 p.m. at the indicated venue in presence of tenderer or their representatives who may wish to be present.
3. The Purchaser reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotations.
4. Participation in this tender is by invitation only. Unsolicited offers are liable to be ignored. However, vendors who desire to participate in such tenders in future may bring it to the notice of Procuring Entity and apply for registration as per procedure. Note: To get registered as approved supplier with procuring entity, please download supplier approval form from <http://spmnamadapura.spmcil.com> and submit.
5. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organization is large scale industry or small-scale industry. If you have NSIC/SSI/MSI Certificate, please attach it to the quotation. Mention your registration details.
6. Complete details and ISI specification if any must accompany the quotation. Make/ Brand of the item shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.
7. Samples must be submitted where specified along with the quotations. Samples must be carefully packed, sealed and labelled clearly with enquiry number, subject and sender's name for easy identification. Rejected samples will be returned at your cost if insisted. (NOT APPLICABLE)
8. All drawings sketches and samples if any sent along with this enquiry must be returned along with quotations duly signed. (NOT APPLICABLE)
9. All supplies are subject to inspection and approval before acceptance. Manufacturer/ Supplier Warranty Certificates and Manufacturer/ Government Approved Lab Test Certificate shall be furnished along with the supply, wherever applicable.
10. The Purchaser reserves the right to modify the quantity specified in this enquiry.
11. The prices quoted should be firm till the supplies are completed. Please quote the rates in words and figures. Rates quoted should be free delivery at destination including all charges otherwise the quotation is likely to be rejected. Price quoted for free delivery at destination will be given preference. If there is no indication regarding the FOR, in the quotation, then it will be considered as F.O.R. Destinations. Price quoted should be net and valid for a minimum period of three months from the date of opening of the quotation.
12. Payment of GST is primarily the responsibility of the seller and will not be paid unless the percentage value is clearly mentioned in the quotations. If no indication regarding GST is recorded in the quotation, the GST will be considered as included.
13. Delivery Period required for supplying the material should be invariably specified in the quotation.
14. Liquidity Damages : In case your quotation is accepted, and order is placed on you, the supply against the order should be made within the period stipulated in the order. Purchaser reserves the right to recover any Loss sustained



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due to delayed delivery by way of penalty. Failure to supply the material within the stipulated period shall entitle the Purchaser for imposition of Penalty without assigning any reasons @ 1/2% of the total value of the item covered in order as Penalty each week subject to a maximum of 10% unless extension is obtained in writing from the office on valid ground before expiry of delivery period.

Kindly accept Liquidity Damages condition.
.....

15. If the deliveries are not maintained and due to that account the Purchaser is forced to buy the material at your Risk and Cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.

16. Dispute Clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at Narmadapuram only.

17. Our normal payment terms are 100% on receipt and acceptance of material at our site in good condition.

18. Technical Specifications: Submit Technical Specifications duly seal & signed.

19. Performance Security Deposit: Not Applicable.

20. SPM (as Buyer) is liable to deduct TDS u/s 194Q @ applicable rate on goods purchases (if applicable). In case of deduction of TDS under section 194Q; the supplier (Vendor) need not to charge TCS u/s 206C (1H) on invoicing on or after 01.07.2021 Vendor has to submit declaration in specified format for the compliance of section 206AB of Income tax Act, 1961. In case of non-submission of declaration; TDS will be deducted at higher rates (as applicable) as per section 206AB.

Kindly accept above tax condition with seal and sign.
.....

21. Supplier Should file the GST returns for outward supplies in time. In case of any Input Credit Loss to SPM by way of their failure to files GST Returns in time, SPM reserves the right to withhold the payment of further supplies till production of evidence of filling of Returns.

Kindly accept above GST return condition with seal and sign.
.....

OTHER TERMS AND CONDITIONS :

(1) Submission of Undertaking: You are requested to submit an undertaking stating that the rates quoted by you are the same and not higher than those quoted/delivered to other government, public sector, or private organizations.

Kindly submit above undertaking on your letter head duly seal with sign .

(2) Validity:90 days from the date of opening of the tender.



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Kindly accept above condition with seal and sign
.....

(3) FOR : SPM, NARMADAPURAM door delivery duly unloading.

Kindly accept above condition with seal and sign
.....

(4) Required Delivery Period : within 120 days from the date of issue of purchase order/NAC whichever is earlier.

Kindly accept above condition with seal and sign
.....

(5) Payment Terms : 100% payment after receipt and acceptance of material on production of all required documents by supplier at our site through RTGS/NEFT only.

Kindly accept above condition with seal and sign
.....

(6) Warranty: Warrantee shall remain valid for 01(One) Year after the goods have been delivered to the final destination and accepted by SPM in terms of the contract.

Kindly accept above condition with seal and sign.
.....

(7) No Deviation Certificate: Bidder should confirm in their quotation, "We acceptance of all terms and condition with technical specification of tender document without any deviation".

Kindly accept above condition with seal and sign.
.....

(8) Submit the valid manufacturers authorization certificate of the item supplied as per the standard form duly filled by OEM as per annexure XIV of this tender document.

Manufacturer Authorization Certificate should be signed by a person competent and having the power of attorney to legally bind the manufacturer.

I/ We engage to supply the service(s)/material(s) to your office and comply the following:

1. Tender Schedule and Technical Specification indicated.
2. Item/ Tender specific conditions for this tender.



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3. Terms and Conditions printed overleaf.

4. I/ we confirm that set off for the GST etc. paid on the inputs have been taken into consideration in the above quoted price and further agree to pass on such additional duties as sets offs as may become available in future under GST etc.

5. This offer is valid for 90 days from the date of opening of tender.

Signature & seal

Name of Authorised

Place & Date:

Signatory:

Address:

Tel. No/ Fax. No /

Mobile No

Email ID:

.....

.....

(Name Designation, Address telephone number etc
of the officer signing the document)

For and on behalf of

.....

Section VII: Technical Specifications

1. IP BASED OUTDOOR MOTORIZED IR BULLET CAMERAS -2Nos

IP BASED OUTDOOR MOTORIZED IR PTZ CAMERAS- 1Nos

(Approved Make: AXIS, Avigilon, Bosch, Panasonic-I Pro or their exact equivalent)

SNo. Parameter & Description

1 Image sensor & Minimum Effective Pixels (Resolution) or better:-1/3" or better CMOS or Equivalent & Minimum(2 MP) FULL HD (1920*1080) 2 Electronic Shutter:-1/30 to 1 / 10000 s or better

3 Min illumination/ light sensitivity (Colour) or better:-Minimum 0.01

lux (30 IRE, F 1.6) or better 4 Min illumination/ light sensitivity (B/W):-Minimum 0.0001 lux (30 IRE,

F 1.6) & 0 Lux on IR on 5 Wide Dynamic Range:-True WDR min 140 dB

6 BLC and HLC:-ON/OFF

7 IR Range:-Minimum 40 Meter with Adaptive IR technology

8 Focus:- Automatic Back Focus

9 Automatic Gain Control:-Auto / Manual

10 Sharpness, Brightness, Contrast:-Required

11 Frame Rate:-60 FPS @1920 x 1080 at H.265/264 Compression

30 fps @ 2048 x 1536 at H.265/264Compression or better

12 Lens:-3-9 Motorized lens or better

13 Video:-

Day and Night functionality:-Automatic, Colour, Mono

Video Resolution:-Minimum 3 MP (2048x1536)

Video Streams:-Individually configurable 04 video streams H.265/H264

Intelligent Video:-Motion detection, Tampering Alert, Automatic

configuration of Image parameter such as shutter speed, WDR, HLC etc. by camera processor based on scene. 14

Compression:-Dynamic I frame and intelligent compression on H265/H264

to reduce bandwidth. Quad H.265/H264(Recording & Viewing) Required, Live stream 1080p should support min. 60 FPS and recording at lower resolution and frame rate or vice versa as may be configured. 15 Audio:-

Audio support:- Required

Audio Compression:-Minimum G.711 or better

Two-way audio Required, duplex

Input / Output 01 IN & 01 OUT

16 Network & Interface :-

Interface:- RJ-45 for 10/100 base-T Ethernet

Upgrade Through web browser , online, firmware upgrade

Network Protocols support:-IPv4, IPv6, TCP/IP, HTTP, , DHCP, UDP, DNS,

SMTP, RTP, RTSP, SNMP, UpnP, NTP, ICMP, IGMP, Alarm Event:-Events / alerts send via FTP, HTTP, email, Pre-Post alarm

video buffering. Alarm I/O:-2 In & 1 Out terminal

Compliance:-ONVIF Profile S and G

17 Security:-

Basic:- Password protection, HTTPS encryption, 802.1x

Advance:-FIPS -140-2 Level 1 compliant device, 3rd party certificate

for Secure data communication on network. 18 General:-

Operational temperature °C :-0°C to 60 °C

Humidity:-0 to 80% RH non-condensing

IP rating:-IP66, IK10, Clear sight coating

Power:- PoE (Up to 15.4 Watt) OR eAC24V/ DC12V, 100- 230VAC

Certifications:-CE, FCC, UL

19 Local Storage:-

SD card Camera should support SD card up to 32 GB and the bidder shall

provide a data card of 32GB with the device. In the event of failure of connectivity to the central server the camera shall record video locally on the SD card automatically. After the connectivity is restored these recordings shall be automatically merged or can be merged manually as & when required with the server recording such that no manual

intervention is required to transfer the SD card based recordings to server. Also, Camera should have data encryption on SD card with password lock feature and alteration detection to ensure data safety on SD card.

2.Specification of pole for CCTV Camera-1NOS

- Type: Tubular Pole
- Height Options:
- Heavy Duty Pole: 4 meters (approx. 13 feet)
- Pole Dimensions:
- Heavy Duty Pole: Diameter Ø165mm x 6.75mm thickness
- Pole Shaft Thickness:
- Heavy Duty Pole: 3mm (6.1mm SCH40)
- Base Plate Dimensions:
- Heavy Duty Pole: 250mm x 250mm x 16mm thick
- Load Capacity: Heavy Duty Pole: 10 kg
- Weather Protection: Hot Dip Galvanized (BS EN ISO 1461)
- Wind Load Resistance: Up to 27 m/s
- Deflection: Heavy Duty Pole: 8 mm
- Approximate Weight: Heavy Duty Pole: 120 kg

3. Cabling Infrastructure:

A) The installation of all necessary cables and connectors between the field devices assembly & Outstation junction box for pole mounted field devices, the cables shall be routed as per drawing. B) All cables shall be clearly labeled with indelible indications that can clearly be identified by maintenance personnel. The proposed cables shall meet the valid directives and standards. C) Cabling (Fiber/CAT-6) must be carried out as per relevant BIS/IS standards. All cabling shall be documented in a cable plan.

4. Lightning-proof measures:

System shall comply with lightning-protection and anti-interference measures for system structure, equipment type selection, equipment earthing, power, selected signals cables laying. Corresponding lightning arrester shall be erected for the entrance cables of power line, video line, data transmission. All crates shall have firm, durable shell. Shell shall have dustproof, antifouling, waterproof function & should be capable to bear certain mechanical external force. There must be separation of low and high frequency equipment, lightning arrester shall be erected before the earthing. The Internal Surge Protection Device for Data Line Protection shall be selected as per zone of protection. 5. Earthing System:

All electrical components are to be earthen by connecting earth tapes from the frame of the component ring and will be connected via several earth electrodes. Further, earthing should be done as per Local state national standard in relevance with IS standard. •Earthing should be done for the entire power system and provision as to avoid a ground differential. •All metallic objects on the premises that are likely to be energized by electric currents should be effectively grounded.

- There should be enough space between data and power cabling and there should not be any cross wiring of the two, in order to avoid any interference, or corruption of data.
- The earth connections shall be properly made.

6.CIVIL WORKS:

- All necessary civil work is included in scope.
- All necessary excavations if required, making, selected of cut-outs in the wall, necessary supports and grouting, drilling etc. (with all

material) are included in the scope.

- All Civil works like channelling & making the chases making pockets for grouting if necessary, grouting of panels etc. is Included (with all material) in scope.

- Fabrication and fixing of supports, frames etc. are included (with all material) in the scope.

7. GENERAL: Scope includes testing and commissioning of all items installed by contractor. Contractor has to carry out all works as per mentioned

relevant standards. All required tools & tackles, testing kits,

measuring instruments, safety equipment's shall be provided by contractor with skilled manpower required. Any other item/accessory required to complete the said work not mentioned here is in supplier scope. 8. ELECTRICITY AND WATER:

SPM will provide Electricity and water for installation & commissioning work in selected areas of up-gradation at only one point. Contractor shall have to make his own arrangements for further use.

9. MAINTENANCE OF SITE

Contractor should keep building/office clean of debris, wood pieces etc. during the period of contract & work will not be complete till last particle of debris is disposed off to the satisfaction of the SPM.

CONDUIT: Conduit shall be in accordance with local and state requirements. 10. Training, Service and tools

Contractor shall provide complete operation and maintenance training with detailed training manuals and drawing. Provide the services of a trained and authorized person to perform all system Software and hardware modifications, upgrades or changes during the warranty period.

11. POST COMPLETION HANDING OVER DOCUMENTS: Contractor's scope of work also covers post completion handing over documents, which will cover.

- Test & warranty certificates of all bought out items.

- Test & Commissioning certificates for all installations.

12. Testing of the System

The contractor shall arrange and provide at no extra cost, the service of a competent, factory trained engineer or technician authorized by the manufacturer of the system to technically supervise and participate during all of the adjustments and tests for the system.

13. Final Inspection and hand over At the final inspection, a factory trained representative of the manufacturer of the major equipment shall demonstrate that the newly added system function properly in every respect for period of 30 days without any downtime before hand over of the system.

14. Practical Training (i) Provide instruction as required for operating the system. "Hands-on" demonstration/ training of the operation of all system components and the entire system including program changes and functions shall be provided to the concerned officials for at least two days.

(ii) The contractor and/or the system's manufacturer's representatives shall provide a typewritten "Sequence of Operation." 15. Documentation

(i) Sufficient information, clearly presented, shall be included to determine compliance with drawings and specifications.

(ii) It should include manufacturer's name(s), model numbers, ratings, power requirements, equipment layout, device arrangement, complete point to point wiring diagrams, annunciator layouts and main control layout, configurations and terminations.

(iii) Complete operating and maintenance manuals including technical data sheets. (iv) Provide a clear and concise description of operation which gives, in detail, the information required to properly operate the equipment and system (v) Four copies of the above documents in book form, well bound should be submitted at the time of hand over of the system.

16 Scope of work

- The scope of work includes supply, installation, commissioning testing and training of all equipment cabinets, panels, and data communication network cables and all associated hardware needed as per mentioned standards, specifications, certifications & approvals.
- These 3-Cameras shall be integrated with existing CCTV-System running in premises of SPM-Narmadapuram without any recording loss. Bidder has to ensure this point without fail. • If any accessories required other than mentioned in our document for successful completion of work shall be provided by bidder. • Provide complete technical compliance of specifications for all items that are supplied on OEM letter head.
- Vendor should ensure warranty of the System for 4 year (complete 3-NOS CCTV system with all accessories) and shall give service basis up for 7 x 24 hrs. of a week against any failure, software / hardware problem etc. without any cost.
- The vendor should be a certified partner of VMS software (Milestone-X protect), authorization certificate to be provided. • Shifting of Fiber cable/Cameras/outdoor rack if required during installation & commissioning shall be in bidder's scope.
- Necessary training for the successful operation & trouble shooting to the responsible selected staff member is also included in the scope.

1.IP BASED OUTDOOR IR BULLET CAMERAS(Approved Make: Hikvision or their exact equivalent)

Image Sensor 1/3" Progressive Scan CMOS

Min. Illumination Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR Shutter Speed 1/3 s to 1/100,000 s

Slow Shutter Yes

Auto-Iris No

Day & Night IR Cut Filter Digital Noise Reduction 3D DNR

WDR 120dB

3-Axis Adjustment Pan: 0 0 to 3600, tilt: 0 0 to 90 0 , rotate: 0 0 to 3600

Signal to Noise Ratio - 50 dB

Lens

Focal length 3.6/6/8/12 mm

Aperture F1.2 Focus Fixed

FOV 3.6 mm: horizontal FOV: 78 0, vertical FOV: 42 0, diagonal FOV: 93 0

6 mm: horizontal FOV: 48 0 , vertical FOV: 27 0, diagonal FOV: 54 0

8 mm: horizontal FOV: 37 0, vertical FOV: 21 0, diagonal FOV: 44 0

12mm: optional

Lens Mount M12

IR

IR Range Up to 50 m Wavelength 850nm

IR Life 40000 Hours

Compression Standard

Video Compression Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG

Third stream: H.265/H.264

H.264 Type Main Profile/High Profile

Main stream and sub-stream support

H.265 Type Main Profile

H.265+ Main stream and sub-stream support

Video Bit Rate 32 Kbps to 16 Mbps

Image



Max. Resolution

2560 x 1440

Main Stream 25fps (2560 x 1440, 2304 x 1296, 1920 x 1080)

Sub-Stream 15fps (1280 x 720, 640 x 480, 640 x 360, 320 x 240)

Third Stream Support

Image Enhancement BLC/HLC/3D DNR

Image Setting Rotate mode, saturation, brightness, contrast, sharpness and White Balance adjustable by client software or web browser, Support

Export/Import configuration file

Target Cropping No

Day/Night Switch Auto/Schedule

Network HIKVISION Network Storage Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR

Alarm Trigger Motion detection, video tampering, network disconnected,

IP address conflict, illegal login, I-IDD full, HDD error

Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP,

RTCP, PPPoE, NTP, UPnP TM , SMTP, SNMP, IGMP, Qos, IPv6, Bonjour General Function One-key reset, anti-flicker, three streams, heartbeat,

mirror, password protection, privacy mask, watermark, IP address filter API ONVIF (PROFILE S, PROFILE G), ISAPI

Simultaneous Live View Up to 6 channels User/Host Up to 32 users

3 levels: Administrator, Operator and User Client iVMS-4200, Hik-Connect, iVMS-5200

Web Browser IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Interface

Communication Interface

1 RJ45 IOM/ 100M self-adaptive Ethernet port

Video Output No

On-board storage Built-in Micro SD/SDHC/SDXC slot, up to 128 GB

svc H.264 and H.265 encoding

Reset Button Yes

General

Operating Conditions -30 oc to +60 oc (-22 O F to +140 O F), Humidity

95% or less (non-condensing)

Power Supply 12 VDC \pm 25%, 5.5 mm coaxial power plug

PoE (802.3af, class 3)

Power Consumption and Current 12 VDC, 0.5A, max. 6W

POE (802.3af, 37V to 57V), 0.2A to 0.1A, max. 7.5W Protection Level IP67/IK10

TVS 2000V Lightning Protection, Surge Protection and Voltage Transient

Protection

Material Metal Body

Certificates CE, FCC, ROHS, UL

Dimensions Camera: 70 x 155.03 mm (0 2.8" x 6.1")

Package: 216 x 121 x 118 mm (8.5" x 4.8" x 4.7") Weight Camera: Approx. 420 g (0.9 lb.)

With Package: Approx. 700 g (1.5 lb.)

2. L2-POE SWITCH: 16 port with two input port (one for NVR connectivity & one for troubleshooting) as per compatibility of existing CCTV System in SPM NARMADAPURAM

3. NVR (Approved Make: Hikvision or their exact equivalent)

16 channel Network Video recorder with minimum storage capacity of 16 TB HDD required for 90 days recording. NVR shall be compatible with the existing CCTV system running in CISF

QUARTER-GUARD in SPM NARMADAPURAM.

4. Display – (Approved Make: LG/SAMSUNG or equivalent) 32" LCD Monitor with smooth monitoring of all cameras.

5 Cabling Infrastructure:

A) The installation of all necessary cables and connectors between the field devices assembly&

outstation junction box for pole mounted field devices, the cables shall be routed as per drawing.

B) All cables shall be clearly labeled with indelible indications that can clearly be identified by maintenance personnel. The proposed cables shall meet the valid directives and standards. C) Cabling must be carried out as per relevant BIS/IS standards. All cabling shall be documented in a cable plan.

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earthing, power, selected signals cables laying. Corresponding lightning arrester shall be erected for the entrance cables of power line, video line, data transmission. All crates shall have firm, durable shell.

Shell shall have dustproof, antifouling, waterproof function & should be capable to bear certain mechanical external force. There must be separation of low and high frequency equipment, lightning arrester shall be erected before the earthing. The Internal Surge Protection Device for Data Line Protection shall be selected as per zone of protection.

7. Earthing System: All electrical components are to be earthen by connecting earth tapes from the frame of the component ring and will be connected via several earth electrodes. Further, earthing should be done as per Local state

national standard in relevance with IS standard.

•Earthing should be done for the entire power system and provision as to avoid a ground differential.

•All metallic objects on the premises those are likely to be energized by electric currents should be effectively grounded. •There should be enough space between data and power cabling and there

should not be any cross wiring of the two, in order to avoid any interference, or corruption of data. •The earth connections shall be properly made.

8.CIVIL WORKS:

• All necessary civil work is included in scope.

• All necessary excavations if required, making, selected of cut-outs in the wall, necessary supports and grouting, drilling etc. (with all material) are included in the scope.

• All Civil works like channelling & making the chases making pockets for grouting if necessary, grouting of panels etc. is Included (with all material) in scope.

• Fabrication and fixing of supports, frames etc. are included (with all material) in the scope.

9. GENERAL: Scope includes testing and commissioning of all items installed by contractor. Contractor has to carry out all works as per mentioned

relevant standards. All required tools & tackles, testing kits, measuring instruments, safety equipment's shall be provided by

contractor with skilled manpower required. Any other item/accessory required to complete the said work not mentioned here is in supplier

scope. 10. ELECTRICITY AND WATER: SPM will provide Electricity and water for installation & commissioning work in selected areas of up-gradation at only one point. Contractor shall have to make his own arrangements for further use.

11. MAINTENANCE OF SITE

Contractor should keep building/office clean of debris, wood pieces etc. during the period of contract & work will not be complete till last particle of debris is disposed off to the satisfaction of the SPM.

CONDUIT: Conduit shall be in accordance with local and state requirements.

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14. Testing of the System

The contractor shall arrange and provide at no extra cost, the service of a competent, factory trained engineer or technician authorized by the manufacturer of the system to technically supervise and participate during all of the adjustments and tests for the system.

15. Final Inspection and hand over

At the final inspection, a factory trained representative of the manufacturer of the major equipment shall demonstrate that the upgraded system function properly in every respect for period of 05 days without any downtime before hand over of the system. Camera Storage estimation of mill premises system for 90 days (existing storage capacity) based on 15 days archival storage and validation of available storage shall be done, a calculation sheet for the same to be provide.

16. Practical Training (i) Provide instruction as required for operating the system. "Hands-on" demonstration/ training of the operation of all system components and the entire system including program changes and functions shall be provided to the concerned officials for at least two days.

(ii) The contractor and/or the system's manufacturer's representatives shall provide a typewritten "Sequence of Operation."

17. Documentation (i) Sufficient information, clearly presented, shall be included to determine compliance with drawings

and specifications. (ii) It should include manufacturer's name(s), model numbers, ratings, power requirements, equipment layout, device arrangement, complete point to point wiring diagrams, annunciator layouts and main control layout, configurations and terminations.

(iii) Complete operating and maintenance manuals including technical data sheets.

(iv) Provide a clear and concise description of operation which gives, in detail, the information required to properly operate the equipment and system (v) Four copies of the above documents in book form, well bound should be submitted at the time of hand over of the system

18 Scope of work

• The scope of work includes supply, installation, commissioning testing and training of all equipment cabinets, panels, and data communication

network cables and all associated hardware needed as per mentioned standards, specifications, certifications & approvals.

• These 4- IR Bullet Cameras shall be integrated with existing



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CCTV-System running in CISF QUARTER –GUARD in SPM-Narmadapuram without any recording loss. Bidder has to ensure this point without fail.

• If any accessories required other than mentioned in our document for successful completion of work shall be provided by bidder. • Provide complete technical compliance of specifications for all items that are supplied on OEM letter head.

• Vendor should ensure warranty of the System for 4 year (complete 4 -NOS CCTV systems with all accessories) and shall give service basis up for 7 x 24 hrs. of a week against any failure, software / hardware problem etc. without any cost. • Necessary training for the successful operation & trouble shooting to the responsible selected staff member is also included in the scope.

-NOS CCTV systems with all accessories) and shall give service basis up for 7 x 24 hrs. of a week against any failure, software / hardware problem etc. without any cost.

• Necessary training for the successful operation & trouble shooting to the responsible selected staff member is also included in the scope.



Section XI: Price Schedule

Tender No. 6000018970

OFFER FORM for Tender No Date of opening.....
Time.....HoursWe..... hereby certify that we are established firm of manufacturers /
 authorised agents of M/s.....with factories at..... which are fitted with modern equipment and where the
 production methods, quality control and testing of all materials and parts manufactured or used by us are open to inspection by the
 representative of.....(Name of Purchaser). We hereby offer to supply the following items at the prices indicated below:

The Price bid should clearly indicate the break-up of the price as under:-

SN	Item Description	Item no.10	Item no.20
	HSN Code		
1	Basic Price per unit upto F.O.R. SPM, Narmadapuram.		
2	Quantity	3	4
	Unit	EA	EA
3	TOTAL (1 X 2)		
4% GST in only on 3		
5	Total Price (in figures only) (3+4+5) Rs.		

NOTE:

The method of evaluation of L1 bidder for awarding the Contract shall be on Itotal wise offered total price as per Section – XI (Price schedule) of this tender document.

1. Scope of Supply: (Cost break-up of the quoted cost, showing inter-alia costs of all the concomitant Installation/ Commissioning/ Training/ Technical Support/ incidental services/ software/ accessories, considered necessary to make the proposal self-contained and complete must be indicated here.)

2. Taxation Details:

- PAN number.....
- Type of GST Registration (Registered, Unregistered, Composition, SEZ, RCM etc.)
- GSTIN number.....
- Registered Address as per GST registration and Place of Delivery for GST Purpose
- Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts)

.....

3. It is hereby certified that we have understood the General and Special Instructions to Tenderers (GIT and SIT), and also the General and Special Conditions of Contract (GCC and SCC) attached to the tender and have thoroughly examined specifications/ Quality Control Requirements and other stipulations in Section VII & VIII– Technical Specifications and Quality Control Requirements; and are thoroughly aware of the nature of stores required and our offer is to supply stores strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the General and Special Conditions of Contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

4. We hereby offer to supply the stores detailed above or such portion thereof, as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of ---- days from the date of opening of tender (i.e., upto ---), We shall be bound by the communication of acceptance dispatched within the prescribe time.

Dated.....

Signature and seal of Manufacturer/Bidder

Note: (i) The Bidder may prepare their own offer forms as per this proforma.(ii) No change in the proforma is permissible.(iii) No erasures or alternations in the text of the offer are permitted. Any correction made in the offer shall be initialed by the bidder.(iv) This Section should not bring in any new Technical Parameter that has not been mentioned in the Technical Bid.

SIGNATURE OF BIDDER

(WITH NAME, DESIGNATION AND SEAL)



Section XIV: Manufacturer's Authorization Form

To

.....

.....

(Name and address of SPMCIL)

Dear Sirs,

Ref. Your Tender document No, dated

We,.....who are proven and reputable manufacturers of *(name and description of the goods offered in the tender)* having factories at, hereby authorize Messrs. *(name and address of the agent)* to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs..... *(name and address of the above agent)* is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We also hereby extend our full warranty, as applicable as per clause 16 of the General Conditions of Contract read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this tender document.

Yours faithfully,

.....

.....

[Signature with date, name, and designation]

for and on behalf of Messer's.....

Name & address of the manufacturers



Tender Number 6000018970

ANNEXURE – I

(To be submitted on the letter head)

DECLARATION

We do hereby declare that,

1. We have not been blacklisted /debarred by BNPMIPL /BRBNMPL /SPMCIL or any Govt. Departments for participation in tenders. The information provided above is correct and true to the best of my knowledge and belief.
2. We do hereby declare that we have read and understood all terms and conditions of tender document including GIT, SIT, GCC, SCC, Technical Specification, Quality Control Criteria and confirm to abide to those conditions without any counter conditions.
3. "We are accepting all the terms and conditions of the tender document without any deviation and withdraw all deviations if any"

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....



Tender Number: 6000018970

ANNEXURE – II

(To be submitted on the letter head)

DECLARATION

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that M/s.....**(firm's name)** is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that M/s **(firm's name)** fulfills at requirements in this regard and is eligible to be considered." (where applicable, evidence of valid registration by the competent Authority shall be attached)"

I, the undersigned, declare that the item.....originate in.....(Name of the country).

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....



Tender Number: 6000018970

ANNEXURE – III

(To be submitted on the letter head)

Declaration for Section 206AB of TDS under Income Tax Act, 1961

Vendor Code: _____

M/s _____

PAN _____

GSTIN _____

I/We (Legal Name and Complete Address) _____ PAN: (PAN No.)

_____, TAN: (TAN No.) _____, referring to the provisions of

206AB of the IT Act, 1961, hereby declare the following:-

Financial Year	Aggregate TDS & TCS credit in our name was Rs. 50,000 or more ("Yes/No")	Income Tax Return ("ITR") Filed ("Yes/No")	E-filing Acknowledgement Number (15 digit - number) (Attach copy of acknowledgements)	Date of Filing of Return of income u/s 139/1 (DD/MM/YYYY)	Linked PAN with Aadhaar number or will link it before 31 May 2024 (or any further date as may be notified by CBDT ("Yes/No"))
2022-23					
2023-24					

We do hereby declare that to the best of my/our knowledge and belief what is stated above is correct, complete and is truly stated. In case there is a tax liability, interest or penal consequences which are levied on SPM on account of the false representation/declaration, I/we undertake to fully indemnify SPM for the same.

FOR _____

Authorized Signatory

Date:

Note: In case the vendor failed to comply with the above provisions, TDS shall be deducted at the higher of the following rates, namely:-

- (i) at twice the rate specified in the relevant provision of the Act; or*
- (ii) at twice the rate or rates in force; or*
- (iii) at the rate of five per cent (5%).*



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ANNEXURE – IV

(To be submitted on the letter head)

We here by confirm that the rates quoted by us are the same and not higher than those quoted/delivered to other government, public sector, or private organization.

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....