

BIDDER SHOULD UPLOAD SIGNED AND STAMPED COPY OF THIS REQUISITE DOCUMENT ALONG WITH THEIR TECHNICAL BID AS TOKEN OF ACCEPTANCE.
BIDDERS ARE REQUESTED NOT TO QUOTE THEIR PRICES HERE. PLEASE INDICATE "QUOTED/NOT QUOTED" IN ENQUIRY CUM OFFER.

ENQUIRY CUM OFFER

Enquiry No.:RBRM26X027/2462314
Date:28.05.2026
Enq.Due on:11.06.2026 15:00hrs IST

TWO BID

Offer Ref.....
Date.....

Dear Sir,

We shall be grateful to receive your quotation filled in the copy of this enquiry for the supply of following items.

Sr.no.	Item Code and Description	Unit	Qty	Unit Price (to be filled) In fig&words
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GROUP: 1
CCTV SYSTEM
MAKE: HERNIS SAN SYSTEMS AS

0010	8560401913	EA	4.000
	PTZ CAMERA 36X WITH MOUNTING/CCTV ZOOM LEVEL:36X MAKE:HONEYWELL	each		

ITEM TEXT

Ignore make/model/type mentioned in material description & group header

Technical specification/requirement is as per Annexure-I Item No. 010

BREAKUP OF QUANTITY
Barauni Refinery : 4.000EA

Signature of Vendor with Office Seal

ENQUIRY CUM OFFER

Enquiry No.:RBRM26X027/2462314

Date:28.05.2026

Sr.no.Item Code and Description	Unit	Qty	Unit Price (to be filled) In fig&words
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0020 8560401392	EA	4.000
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BULLET TYPE FIXED CAMERA

ITEM TEXT

Ignore make/model/type mentioned in material description & group header

Technical specification/requirement is as per Annexure-I Item No. 020

BREAKUP OF QUANTITY

Barauni Refinery : 4.000EA

GROUP: 2

LANWARE ITEMS

0030 9320714624	EA	4.000
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UTP CAT6 CABLE (BOX OF 305 METERS)

ITEM TEXT

Ignore make/model/type mentioned in material description & group header

Technical specification/requirement is as per Annexure-I Item No. 030

BREAKUP OF QUANTITY

Barauni Refinery : 4.000EA

Signature of Vendor with Office Seal

Technical Specifications and Compliance Sheet for CCTV system

MATERIAL

Note:

1. Model with better specification is acceptable for all items.
2. All items must be compatible with one another to make the CCTV system up and run from the date of commissioning. Bidder to supply all necessary licenses to make the CCTV system up and running from day1.
3. All items shall be covered under 03 years (minimum three years) Comprehensive onsite warranty (including labour + parts.
4. Successful bidder to submit OEM factory test certificate during supply of CCTV cameras

Item No 0010 (2MP PTZ Full HD Camera with mounting)

Sl. No.	Type	Item	Minimum Specification	Bidder To Confirm (Yes/No)
1	Make	Bidder to mention		
2	Model	Bidder to mention		
3	Camera	Image sensor	1/2.8" Colour Progressive Scan CMOS sensor	
		Effective Pixels	1920 (H) x 1080 (V)	
		Minimum Illumination	Color: 0.005 Lux or better 0 Lux with IR	
		Shutter	Auto, Manual (Range 1 - 1/32,000s or better)	
		Focus Control	Auto, Manual	
		Number of streams	Minimum Three (03) With Dual H.265 streams	
		Internal Storage	Should support a Micro SD/SDHC/SDXC card (128GB)	
4	Lens	Lens Type	6 mm to 180 mm or better	
		Identification Distance	Upto 135 meters (Proof Of Concept - POC to be done by vendor)	
		Angle of View	Angle of view considerations: Camera will be placed near the perimeter at height 7.5 meters (approx) from ground level. Should be able to identify and track a detected object from a distance of 135 meters at least.	
		Focus	Auto, Manual	

		Optical Zoom	Minimum 30x Optical Zoom or better	
		Digital Zoom	Minimum 12x Digital Zoom or better	
5	Compression	Video Compression	Should support H.265 compression	
		H.265 codec profile	Main profile should be H.265	
6	Resolution and Frame Rate	Resolution	1920 x 1080 (Full HD) or better	
		Frame rate	1080P (Should support upto 60fps)	
7	Day/Night Functionality	Day & Night	True Day & Night with IR	
		IR Cut	High performance Mechanical IR Cut Filter with auto switch	
		IR Source	Inbuilt High performance IR LEDs	
		IR Range	135 Meters or more	
8	Pan-Tilt	Pan Angle	360° endless/continuous	
		Tilt Angle	-3° to 90° or better	
		No Of Preset	Minimum 256	
		Patrol/Pattern	Minimum 8 patrols	
		PTZ functions	Home Return, Timing Tour, Auto Scan	
		Pan/Tilt Speed	Upto 200° per second	
9	Analytics & Other Features	Video Analytics	Auto Tracking, Motion Detection, Zone Detection (Fixed cameras shall have to be installed by vendor in poles supplied and erected by IOCL. Inter distance between two poles shall be 65 meters. Intrusion Detection shall be configured by vendor considering the pole/camera distance. PTZ cameras (in auto tracking mode) placed at strategic locations (on poles) shall detect the zone in which intrusion has occurred, zoom in and track the intruder's movement from a distance of 135 meters on intrusion triggered by fixed cameras.)	
		Auto Tracking	Yes	

10	Network	Protocols	IPV4/IPV6, TCP, UDP, IGMP, DHCP, ICMP, SNMP, FTP, SMTP, NTP, RTP, RTSP, HTTP, HTTPS, QoS, PPPoE, DNS, DDNS, ARP, UPnP	
		Ethernet	One RJ45 10/100M self-adaptive Ethernet port	
		System Compatibility	ONVIF Support from day 1.	
11	Electrical	Power Requirement	24VAC(±35%)/24VDC(±30%) Bidder to supply suitable power adapter.	
		Other	Barauni Refinery will provide 180-240 VAC power source near the rack/enclosure where camera adapter can be connected. Input to be extended by bidder from rack to actual camera location. Power cable for extension will be provided by Barauni Refinery.	
12	Environment/Certification	Ingress Protection	IP67	
		Vandal Resistance	IK10	
		Working Temperature	-20°C to +60°C	
		Working Humidity	0 to 95%RH (non-condensing)	
	Mounting Bracket	Vendor should provide suitable mounting bracket for installation of camera on Pole/Wall/Ceiling etc. Mounting bracket should be IP67 compliant. (Pole design is enclosed as Annexure-III). Vendor to share detailed mounting design so that it can be shared with pole vendor.		
13	Compliance	Certification	CE, FCC, UL/BIS/IS13252-1	
14	Alarm	2 alarm inputs, 1 output Compression: G.711a, G.711u		
15	Warranty Support	OEM Warranty	The camera should be under comprehensive back-to-back on-site warranty support for a period of 03 (Three) years from the date of SAT (Site Acceptance Test). The warranty must include on-site support from OEM, with labour & parts. Any software upgrades, updates and installation should be made available free of cost	

			during the warranty period. Successful bidder shall provide Warranty certificate.	
16	Others	Obsolescence	The quoted model should have hardware and software support for next 05 (Five) years from the date of installation. Successful bidder has to provide a certificate from OEM in this regard.	

Item No 0020 (Fixed 8MP (4K) Camera with mounting)

Sl. No.	Type	Item	Minimum Specification	Bidder To Confirm (Yes/No)
1	Make	Bidder to mention		
2	Model	Bidder to mention		
3	Camera	Image sensor	1/1.8" Progressive Scan CMOS	
		Effective Pixels	3840 (H) x 2160 (V)	
		Minimum Illumination	Color: 0.001 Lux or better 0 Lux with IR	
		Shutter Speed	Auto/Manual (Range 1 - 1/30,000s or better)	
		AGC	Auto/Manual	
		White Balance	Auto/Manual/Outdoor	
		Number of streams	Minimum Four (04)	
		Video Adjustment	Brightness, contrast, saturation, sharpness, chroma	
		Defog	Available	
		Internal Storage	Should support a Micro SD/SDHC/SDXC card (128G)	
4	Lens	Lens Type	2.8 – 8.5 mm motorized varifocal lens	
		Detect distance ()	At least 65 meters (Proof Of Concept - Proof Of Concept to be carried out by bidder at site as per special terms and conditions)	
		Angle of View	View should support at least 20 Meters on each side of the wall, at least 65 meters all along the wall. (Camera will be placed in line over the perimeter at height 7.5 meters (approx) from ground level)	
5	Compression	Video Compression	Should support H.265 compression	
		H.265 codec profile	Main profile should be H.265	
6	Resolution and Frame Rate	Resolution	3840 x 2160 (4K)	
		Frame rate	8MP (4K) (Should support upto 30fps or more)	
7	Day/Night	Day & Night	True Day & Night with IR	

	Functionality	IR Cut	High IR Cut Filter	
		IR Source	Inbuilt	
		IR Range	Minimum 50 Meters	
8	Analytics & Smart Features	Video Analytics	Motion detection, Intrusion detection, Wire/line cross detection, Video anomaly detection, crowd detection, face detection (Fixed cameras shall have to be installed by vendor in poles supplied and erected by IOCL. Inter distance between two poles shall be 65 meters. Intrusion Detection shall be configured by vendor considering the pole/camera distance. PTZ cameras (in auto tracking mode) placed at strategic locations shall detect the zone in which intrusion has occurred, zoom in and track the intruder's movement from a distance of 135 meters on intrusion triggered by fixed cameras.)	
9	Network	Protocols	IPV4/IPV6, TCP, UDP, IGMP, DHCP, ICMP, SNMP, FTP, SMTP, NTP, RTP, RTSP, HTTP, HTTPS, QoS, PPPoE, DNS, DDNS, ARP, UPnP	
		Ethernet	One RJ45 10/100M self-adaptive Ethernet port	
		System Compatibility	ONVIF Support from day 1. Offered camera must be compatible with NUUO Main Console Software Family (Version 6.7.0 or above).	
10	Electrical	Power Requirement	PoE/PoE+ (IEEE 802.3af/IEEE 802.3at) /12VDC(±20%) /24VAC(±25%) Bidder to supply suitable power adapter.	
		Other	Barauni Refinery will provide 180-240 VAC power source near the rack where camera adapter can be connected. Input to be extended by bidder from rack to actual camera location. Power cable for extension will be provided by Barauni Refinery.	
11	Environment	Ingress Protection	IP67	
		Vandal Resistance	IK10	
		Working Temperature	-20°C to +60°C	
		Working Humidity	0 to 95%RH (non-condensing)	
12	Mounting	Vendor should provide suitable mounting bracket for		

	Bracket	installation of camera on Pole/Wall/Ceiling (preferably ceiling mount as per pole design) etc. Mounting bracket should be IP67 compliant. (Pole design is enclosed as Annexure-III). Vendor to share detailed mounting design so that it can be shared with pole vendor.		
13	Compliance	Certification	CE, FCC & UL/BIS/IS13252-1	
14	Alarm	Minimum 1 alarm Input, 1 Output		
15	Alarm Input	Minimum 1 alarm Input, 1 Output		
16	Warranty Support	OEM Warranty	The camera should be under comprehensive back-to-back on-site warranty support for a period of 03 (Three) years from the date of SAT (Site Acceptance Test). The warranty must include on-site support from OEM, with labour & parts. Any software upgrades, updates and installation should be made available free of cost during the warranty period. Successful bidder shall provide Warranty certificate.	
17	Others	Obsolescence	The quoted model should have hardware and software support for next 05 (Five) years from the date of installation. Successful bidder has to provide a certificate from OEM in this regard.	

Item No 030 (UTP/STP CAT6 CABLE (BOX OF 305 METERS))

S/no	Required Specification	Complied (Yes/No)
1	Make/Model	
2	Type : Unshielded/Shielded Twisted Pair, Category 6, TIA / EIA 568 C.2 & ISO/IEC 11801 2nd edition	
3	Conductors : Solid bare copper	
4	Insulation : Polyethylene	
5	Jacket : LSZH jacket complying to: Fire rating IEC 60332-1, Toxicity IEC 60754-1, Acid gas IEC 60754-2, Smoke density IEC 61034-2	
6	Pair Separator : Cross-member (+) fluted Spline.	
7	Approvals : ETL 4 connector channel verified to ANSI/TIA Cat 6, ISO 11801 for Class E and IEEE802.3 for Zero BER	
8	Frequency tested up to : Minimum 250 MHz, ETL report for 4 connector channel performance upto 250 MHz to be provided.	
9	Packing : Box of 305 meters	
10	Cable Outer Diameter : 5.7mm	
11	Delay Skew : 17ns @ 100Mhz	
12	Bend Radius : 4 * Cable Diameter	
13	Impedance : 100 Ohms + / - 15 ohms, 1 to 600 MHz.	

14	Mutual Capacitance : 5.6 NF MAX /100 Mtr.	
15	Conductor Resistance : 66.58 Ohms Max / KM	

