



NUMALIGARH REFINERY LIMITED.

Date: 19.12.2023

CORRIGENDUM NO. 2 TO NOTICE INVITING TENDER

Name of Work : Supply, Installation, Testing, Commissioning (SITC) and Post Warranty Comprehensive AMC (CAMC) of additional CCTV Cameras with accessories and along with the latest version of VMS software in various location(s) under the T&E Department

Tender no. : OC20000383/NIL and Tender ID: 2023_NRL_782289_1 dated 23.11.2023

With reference to the above NIT, kindly note the following change in the NIT:

1. Bid Submission End date & Time	29.12.2023 at 11.00 Hrs.
2. Bid Opening date & Time (Technical Bid)	30.12.2023 after 11.00 Hrs.

All other terms and conditions of the Tender Document remain unchanged.

CGM (Commercial)
Numaligarh Refinery Limited,
Numaligarh, Dist : Golaghat,
Assam – 785699



Ref.: PUR-ESTATE-1006358

December 5, 2023

CORRIGENDUM NO. 1 TO NOTICE INVITING TENDER

Minutes of Pre-bid Meeting - Changes to tender conditions – Pre-bid Queries & clarifications

Tender Ref: OC20000383/NIL and Tender ID: 2023_NRL_782289_1 dated 23.11.2023

Job Name: Supply, Installation, Testing, Commissioning (SITC) and Post Warranty Comprehensive AMC (CAMC) of additional CCTV Cameras with accessories and along with the latest version of VMS software in various location(s) under the T&E Department

With reference to above NIT, Amendments in the tender conditions are as below:

<u>Extension of Bid Due Date</u>		
	Original Due Date & Time	Extended up to
Last date for submission of bid	11.00 AM of 7 th December, 2023	11.00 AM of 21 st December, 2023
Technical Bid Opening	11.00 AM of 8 th December, 2023	11.00 AM of 22 nd December, 2023

Queries on Commercial Terms & Conditions are as follows:

<u>Commercial Terms & Conditions of the Tender document:</u>	
Queries	Clarifications
Time for Release of Security deposit (SD)	Security Deposit will be released 03 months beyond end of warranty period.
Exemption of MSE bidders from submission of EMD	All MSE bidders are exempted from submission of EMD subject to producing valid Udyam certificate as per tender conditions



Technical Terms & Conditions of the Tender document is amended as follows:

<u>Technical Terms & Conditions of the Tender document</u>			
SI	Tender Document Reference	Existing specification as per tender	Modified specification
1	Page No. 21 of 68. SI No 9B Item Name: 4MP Dark fighter Fixed Bullet Camera	Built-in Microphone: Yes	Built-in Microphone/external Microphone with IP 65 Enclosure: Yes
2	Page No. 21 of 68. SI No 9C Item Name: 4MP Dark fighter Fixed Bullet Camera	Built-in Speaker: Power: 2 W. Max. sound pressure level: 10 cm: 97 dB	Built-in Speaker/External Speaker with IP 65 Enclosure: Power: 2 W. Max. sound pressure level: 10 cm: 97 dB
3	Page No. 22 of 68. SI No 3 Item Name: 4MP PTZ 25X Camera	Lens Size 6.0mm to 252mm	Lens Size: (4.82mm to 120mm) or better
4	Page No. 22 of 68. SI No 5 Item Name: 4MP PTZ 25X Camera	Image sensor: 1/1.8" progressive scan CMOS	Image sensor: 1/1.8" or 1/2.8" progressive scan CMOS or better
5	Page No. 22 of 68. SI No 7 Item Name: 4MP PTZ 25X Camera	Optical Zoom 40X or better	Optical Zoom 25X or better
6	Page No. 22 of 68. SI No 14 Item Name: 4MP PTZ 25X Camera	Tilt Speed configurable from 0.1° to 150°/s, preset speed 250°/s	Tilt Speed configurable from 0.1° to (min 100°/s), preset speed (min 100°/s)
7	Page No. 22 of 68. SI No 22 Item Name: 4MP PTZ 25X Camera	IR Range: 400 m or more	IR Range :200 m or Above
8	Page No. 22 of 68. SI No 26 Item Name: 4MP PTZ 25X Camera	Smart Features : unattended baggage detection, object removal detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection, vandal-proof alarm ,Support vehicle detection .Support detecting up to 30 faces at the same time. Support detecting, tracking, capturing, grading, selecting of face in motion, and output the best face picture of the face.	Smart Features: unattended baggage detection, object removal detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection, vandal-proof alarm ,Support vehicle detection, Support detecting, tracking, capturing.



SI	Tender Document Reference	Existing specification as per tender	Modified specification
9	Page No. 23 of 68. SL No 15 Item Name: NAS (Network-attached storage)	VGA/HDMI/DVI/Display Port Interface : 1 Per Controller	VGA/HDMI/DVI/Display Port/Data Port Interface(any one) : For Controller
10	Page No. 24 of 68. Item Name: 4Port POE Switch Giga with Dual SFP port and 1xAC power supply PoE power supply SL No 4	Max. port power: Port 1: 60 W Ports 2 to 4: 30 W	Max. port power : Port 1: 60 W, Ports 2 :10W, Port 3:10W, Port 4:10W
11	Page No. 24 of 68. Item Name: 4Port POE Switch Giga with Dual SFP port and 1xAC power supply PoE power supply SL No 5	PoE power budget : 60 W	PoE power budget : 90 W
12	Page No. 24 of 68. Item Name: 4Port POE Switch Giga with Dual SFP port and 1xAC power supply PoE power supply SL No 6	Max. power consumption: 65 W	Max. power consumption: 90 W



SI	Tender Document Reference	Existing specification as per tender	Modified specification
13	Page No. 25 of 68. Item Name: 4Port POE Switch Giga with Dual SFP port and 1xAC power supply General SL No 8	EMC: FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000- 3-2: 2014, EN61000-3-3: 2013, EN 55024: 2010 +A1: 2015); RCM (AS/NZS CISPR 32: 2015); IC(ICES-003: Issue 6, 2016)	EMC STANDARDS, TESTING AND CERTIFICATION: EMC: FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000- 3-2: 2014, EN61000-3-3: 2013, EN 55024: 2010 +A1: 2015); RCM (AS/NZS CISPR 32: 2015); IC(ICES-003: Issue 6, 2016) OR As per Standardization Testing and Quality Certification(STQC) Refer Annexure(tech)-5. Firm must produce certificate of Govt accredited lab or National Accreditation Board for testing and calibration (NABAL) approved laboratory.
14	Page No. 25 of 68. Item Name: 4Port POE Switch Giga with Dual SFP port and 1xAC power supply General SL No 9	General UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CELVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013)	Safety: UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CELVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013) OR As per Indian Safety Standard (IS 13252 (Part 1) : 2010)
15	Page No. 25 of 68. Item Name: 4Port POE Switch Giga with Dual SFP port and 1xAC power supply General SL No 10	Chemistry: CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)	Chemistry: CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) OR Firm must Ensure RoHS compliance and its certifications through Government AUTHORITY for E-Waste (Management) Rules, 2022



Note:

- a. As per tender, Pre-bid meeting was held on 30.11.2023. Prospective bidders attended the meeting online over MS Teams. Tender conditions, scope of work was discussed with the participants. No bidder has attended the meeting in offline mode.
- b. Bidders are advised to submit all the documents required, duly signed & stamped. If not submitted, their bid may not be considered for further evaluation.
- c. Bidders are requested to take note of the above and accordingly submit their final bid. This corrigendum shall form part of the tender document. A copy of this corrigendum no. 1 should be submitted with the bid, duly signed and sealed by bidder.
- d. All other terms and conditions of the tender documents remain unchanged.**

For CGM (Commercial)
Numaligarh Refinery Limited
Numaligarh, Dist: Golaghat
Assam – 785 699

HOME

ABOUT US

ELECTRONICS TESTING

CALIBRATION

CERTIFICATION

IT & E-GOVERNANCE

STANDARD

CERTIFIED PRODUCTS

CIRCULAR/NOTICE

TRAINING

LABS & CENTRES

Solan

Ajmer

EAST REGION

Kolkata

Guwahati

Agartala

SOUTH REGION

Bengaluru

Thiruvananthapuram

Chennai

Hyderabad

WEST REGION

Mumbai

Pune

Goa

Annexure(tech)-5



atory & Centre >> Electromagnetic Interference & Compatibility (EMI / EMC)

nd

Measurement Capability :

Parameter/Test	Range/Accuracy/Specifications
Emission, Immunity and Harmonics	CISPR 22 & CISPR 24, IEC61000-3-2, EN 55022 & EN 55024
Conducted Emission	CISPR, EN, BS,IEC, AS,VDE,IS,TEC
Radiated Emission	CISPR, EN, BS,IEC, AS,VDE,IS,TEC
Harmonics Emission	EN,BS EN,IEC,IS
Flicker Emission	IEC,EN,BS EN ,IS
Radiated Power	CISPR,EN,BSEN,IS
ESD Test	IEC, EN,BSEN, IS
Radiated Immunity Test	IEC, EN,BSEN, IS
Burst Test /Electric fast Transients	IEC, EN,BSEN, IS
Surge Immunity	IEC, EN,BSEN, IS
Conducted (RF) Immunity Test	IEC, EN,BSEN, IS
Power Freq. Magnetic Immunity Test	IEC, EN,BSEN, IS
Damped Pulsed Magnetic Immunity Test	IEC, EN,BSEN, IS
Voltage Dip & Interruption Test	IEC, EN,BSEN, IS
Damped Oscillatory & ring wave Immunity Test	IEC, EN,BSEN, IS
Site Survey	E and H Field

List Of Major Facility

Facility / Equipment / Tools	Make and Model
EMI Test Receiver	Rohde & Schwartz, ESCI
LISN	Rohde & Schwartz ENV4200 3 Phase, 200 A
LISN	AFJ LT-32 3 Phase 32 Amp
LISN	Scientific Mestek , SMLIN25-2, Single Phase 25 A
Semi Anechoic Chamber	ETS Lindgren USA 3 Meter
Antenna Mast	ETS Lindgren &EMCO
Turn Table	ETS Lindgren& EMCO
Dual Channel Controller	ETS Lindgren
Amplifier 250W	AR, 250W upto 1 GHz

Facility / Equipment / Tools	Make and Model
Amplifier 25 W	Amplifier Research
Antenna Bi-conical, Log periodic	EMCO
RF Field Probe	NARDA NBM-520, EF1891 and EF0391
RF Field Probe	Dare CTR1009B
E & H meter	Holladay HI 3604
Current Probes	Rohde & Schwartz EZ-17
Absorbing Clamps	Rohde & Schwartz MDS-21
Antennae Bi-conical & Log Periodic	EMCO
Antennae – Loop , Rod, Horn ,Adj. Dipole	EMCO
Antenna Bi-Log	Frankonia BA600
Harmonic & Flicker Test system	Pacific upto 300V,16 A Single Phase
Immunity Test Facilities	:
Impulse (Surge) Test Generator	EMC Partner MIG 1206 Upto 12 kV
ESD Simulator	EM Test ESD 30C
ESD Simulator	Schaffner NSG432
EFT/Burst Simulator	TESEQ NSG 3040 with single phase CDN upto 16 A
Three Phase CDN for EFT	TESEQ CDN 3083-B100
Capacitive Coupling Clamp	TESEQ CDN 3425
EFT/Burst Simulator	EM Test EFT 800 with single phase CDN upto 16 A
Power Frequency Magnetic Field Loop (1m x 1m)	EM Test MC2630 and MC26100 From 1 A/m to 1000A/m
1 MHZ/100 kHz Damped Sinusoidal with CDN	HAFFELEY , PIM 110,P SURGE 8000, PID 126 A
Voltage Dip & Interference Simulator	Pacific TMX-125
Signal Generator	Rohde & Schwartz SML-01
Signal Generator	Rohde & Schwartz SML-03
Coupling-Decoupling Network	EM test, (M3 M5)
EM Clamp	EM Test
Reference Radiator	ETS Lindgren
Three phase portable reference meter	KIGG K15

Major Products Tested / Projects Done
Testing of - Domestic (Household) Appliances
Industrial Products
Power Electronics Equipment
Information Technology & Telecommunication Products
In-Vitro Medical Products
Please refer the certificate no TC-5435 for NABL Accreditation / scope details

