



All India Institute of Medical Sciences
Ministry of Health & Family Welfare, Government of India
Bhubaneswar (Odisha) - 751 019

File No. AIIMS/BBSR/SURG GASTRO/LT/01/2022(Pt-1)/15

dt.20/02/2024

Corrigendum-2 to e-NIT

Name of the Work: Renovation of Transplant ICU AIIMS, Bhubaneswar.

e-Tender No : AIIMS/BBSR/ENGG/ACR/NIT/32.

e-NIT Published Date : 19/01/2024.

Sl. No.	Description	Existing	To be read as
01.	Last date and time of Bid Submission	26/02/2024 at 12:30Hrs.	29/02/2024 at 12:30Hrs.
02.	Last date and time of Hard Copy Submission	27/02/2024 at 15:00Hrs.	01/03/2024 at 15:00Hrs.
03.	Date and time of Technical Bid Opening	27/02/2024 at 16:00Hrs.	01/03/2024 at 16:00Hrs.
Sl.No.	Item Description/ Tender Cl # No.	Specification/ Make as per NIT	To be read as
01.	Copies of License from CDSCO. Cl #15(k) Information and instruction to Bidder.	Copies of License from CDSCO (Central Drug standard control Organization).	CDSCO (Central Drug standard control Organization) for Medical Gas Pipeline System must be submitted.
02.	Payment Terms. Cl #15(k) Information and instruction to Bidder.	100% payment will be released after due verification of final bill by Engineering-in-Charge or his representative after completion of work. The deduction of 2.5% towards security deposit and other deduction towards taxes as per Government of India/AIIMS rule will be made from the bill. RA bill will be released to the agency as per actual measurement at site.	70% payment will be released after supply of material & due verification of material by Engineer-in-Charge or his representative and balance 30% of the payment shall be released after completion of work. The deduction of 2.5% towards security deposit and other deduction towards taxes as per Government of India/AIIMS rule will be made from the bill.

03.	Annexure B From the detailed information by bidder.	Service Tax Number. (enclose the attested copy of VAT Certificate)	Deleted
04.	Nurse call system, Telephone & Data System: CI # 22(1) of Scope of Work and technical Specification.	<ol style="list-style-type: none"> 1. SITC of RJ45 LAN port with all fitting's accessories & UTP RJ 45 Keystone Jack: 2. Should be ETL Certified. 3. OEM must provide declaration on conformity of all the passive components to the following standards: a) TIA/EIA 568-C.2 ; b) TIA/EIA 568-C.3 ; c) ISO/IEC 11801 <p>OEM must have TIA Steering committee member and must be a member in the BICSI organization.</p> <p>OEM shall have RCDD certified manpower in India for design support and validation. Certificate is Mandatory</p> <p>OEM should have valid ISO 9001 and ISO 14001 certificate on Design, development, and manufacture of Software and Hardware solutions for communication networks.</p> <p>All the products must have RoHS Compliance</p>	SITC of RJ45 LAN port with all fittings and accessories as per respective OEM standard.
	25-year performance warranty of cable and accessories for Nurse call system.	All the cable and accessories are from the same OEM for the best compatibility and to maintain the 25-year performance warranty.	1-year Performance Warranty from the date of handover.

<p>05.</p>	<p>SITC UTP Patch cord CAT6 A 2M.</p> <p>CI # 22(2) of Scope of Work and technical Specification.</p>	<p>Should be ETL certified</p> <p>OEM must provide declaration on conformity of all the passive components to the following standards: a) TIA/EIA 568-C.2 ; b) TIA/EIA 568-C.3 ; c) ISO/IEC 11801</p> <p>OEM must have TIA Steering committee member and must be a member in the BICSI organization.</p> <p>OEM shall have RCDD certified manpower in India for design support and validation. Certificate is Mandatory.</p> <p>OEM should have valid ISO 9001 and ISO 14001 certificate on Design, development, and manufacture of Software and Hardware solutions for communication networks.</p> <p>All the products must have RoHS Compliance.</p>	<p>SITC UTP Patch cord CAT6 A 2M with all passive components as per respective OEM standard.</p> <p>1-year Performance Warranty from the date of handover.</p>
<p>06.</p>	<p>SITC UTP Patch cord CAT6 A 1M</p> <p>CI # 22(3) of Scope of Work and technical Specification.</p>	<p>Should be ETL certified</p> <p>OEM must provide declaration on conformity of all the passive components to the following standards: a) TIA/EIA 568-C.2 ; b) TIA/EIA 568-C.3 ; c) ISO/IEC 11801</p> <p>OEM must have TIA Steering committee member and must be a member in the BICSI organization.</p> <p>OEM shall have RCDD certified manpower in India for design support and validation. Certificate is Mandatory</p> <p>OEM should have valid ISO 9001 and ISO 14001 certificate on Design, development, and manufacture of Software and Hardware solutions for communication networks.</p>	<p>SITC UTP Patch cord CAT6 A 1M with all passive components as per respective OEM standard.</p>

		<p>All the products must have RoHS Compliance</p> <p>All the cable and accessories are from the same OEM for the best compatibility and to maintain the 25-year performance warranty.</p>	<p>1-year Performance Warranty from the date of handover.</p>
07.	<p>SITC of 10/100/1000, L2+/L3, 24 PoE+(480W) and 2 additional ports with 4 Dedicated SFP+ 1G/10G ports switch.</p> <p>CI # 22(4) of Scope of Work and Technical Specification.</p>	<p>Certifications: CE mark, FCC Part 15 Class A, VCCI Class A, UL listed (UL 1950)/cUL IEC 950/EN 60950, certificate IEC 62368-1</p> <p>Warranty and Support: Lifetime Hardware Replacement Warranty, Lifetime free latest firmware support, Replacement with New Product Only No Refurbished Products.</p> <p>Bid specific Malicious certificate,</p> <p>All active items such as Switches, Modules are must be from same/single OEM for the best compatibility,</p>	<p>Specification as per respective OEM standard.</p> <p>Warranty and support of Hardware shall be kept as per respective OEM standard.</p>
08.	<p>SITC of 10G Single Mode SFP+ Module.</p> <p>CI # 22(5) of Scope of Work and Technical Specification.</p>	<p>5 Years Hardware replacement warranty</p> <p>Replacement with New Product Only No Refurbished Products.</p> <p>Bid specific Malicious certificate,</p> <p>All active items such as Switches, Modules are must be from same/single OEM for the best compatibility,</p>	<p>Warranty and support of shall be kept as per respective OEM standard.</p>
09.	<p>Supply, Laying, testing and commissioning of 6 Core SM armoured FO cable.</p> <p>CI # 22(6) of Scope of Work and Technical Specification.</p>	<p>Should be ETL certified</p> <p>OEM must provide declaration on conformity of all the passive components to the following standards: a) TIA/EIA 568-C.2 ; b) TIA/EIA 568-C.3 ; c) ISO/IEC 11801</p> <p>OEM must have TIA Steering</p>	<p>Specification as per respective OEM standard.</p>

		<p>committee member and must be a member in the BICSI organization.</p> <p>OEM should have valid ISO 9001 and ISO 14001 certificate on Design, development, and manufacture of Software and Hardware solutions for communication networks.</p> <p>All the products must have RoHS Compliance</p> <p>All the cable and accessories are from the same OEM for the best compatibility and to maintain the 25 year performance warranty.</p>	<p>1-year Performance Warranty from the date of handover.</p>
<p>10.</p>	<p>Supply, Laying, testing and commissioning of UTP cable CAT6 A 23 AWG</p> <p>Cl # 22(7) of Scope of Work and Technical Specification.</p>	<p>shall be compliant with ANSI/TIA/EIA-568-C.2; ISO/IEC 11801 Ed. 2.0; 10BASE-T, IEEE 802.3 if (PoE), 100BASE-T, IEEE 802.3at (PoE+) & 1000BASE-T</p> <p>ETL 4 port channel Test report should be submitted with 800 Mhz</p> <p>Should be ETL Certified</p> <p>OEM must provide declaration on conformity of all the passive components to the following standards: a) TIA/EIA 568-C.2 ; b) TIA/EIA 568-C.3 ; c) ISO/IEC 11801</p> <p>OEM must have TIA Steering committee member and must be a member in the BICSI organization.</p> <p>OEM should have valid ISO 9001 and ISO 14001 certificate on Design, development, and manufacture of Software and Hardware solutions for communication networks.</p> <p>All the products must have RoHS Compliance</p> <p>All the cable and accessories are from the same OEM for the</p>	<p>Specification as per respective OEM standard.</p>

		are from the same OEM for the best compatibility and to maintain the 25-year performance warranty	1-year Performance Warranty from the date of handover.
13.	SITC of 24 port loaded Keystone Jack Panel. CI # 22(10) of Scope of Work and Technical Specification.	<p>OEM must provide declaration on conformity of all the passive components to the following standards: a) TIA/EIA 568-C.2 ; b) TIA/EIA 568-C.3 ; c) ISO/IEC 11801</p> <p>OEM must have TIA Steering committee member and must be a member in the BICSI organization.</p> <p>OEM should have valid ISO 9001 and ISO 14001 certificate on Design, development, and manufacture of Software and Hardware solutions for communication networks.</p> <p>All the products must have RoHS Compliance</p> <p>All the cable and accessories are from the same OEM for the best compatibility and to maintain the 25-year performance warranty.</p>	<p>Specification as per respective OEM standard.</p> <p>1-year Performance Warranty from the date of handover.</p>
14.	SITC of 9U Rack fully loaded with cable Manager ,16/6 A PDU, fan. CI # 22(10) of Scope of Work and Technical Specification.	<p>Salt spray test according to ISO 9227 (NSS test) and IEC EN 60068-2-11 (Ka test) for 168 hours: degree of Rusting Ri1 according to ISO 4628-3, propagation ≤1 mm according to ISO 4628-8.</p> <p>UL approved product as per UL 2416 ISO 9001:2015, ISO 14001:2015, DIN 41494</p>	Specification as per respective OEM standard.

<p>15.</p>	<p>AIR DISTRIBUTION (FOR AIR CONDITIONING AREAS)</p> <p>CI # 6 of Schedule of Quantity (HVAC Works).</p>	<p>Supply, installation, balancing and commissioning of factory fabricated Aluminum rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports (GI Channel) etc. as per approved drawings and specifications of following sheet thickness complete as required. (It shall be as per SMACNA standards)</p> <p>Note: - UV coating & Mechanical protection shall be considered for exposed ducting insulation. GSS Duct with Soldering shall be provided for Critical area having 0.3-micron Filter in AHU.</p>	<p>Thickness 0.8 MM Aluminum Ducting</p> <p>Thickness 1 MM Aluminum Ducting</p> <p>Thickness 1.25 MM Aluminum Ducting.</p> <p>Other specification remains same.</p>
<p>16.</p>	<p>AIR HANDLING UNIT- With VFD of CSU.</p> <p>CI # 17 of Schedule of Quantity (HVAC Works).</p>	<p>Supply, Installation, testing and commissioning of factory fabricated double skin type Air Handling Units (BMS compatible) including by-pass starter as per specifications.</p> <p>HDU and TICU. Tonnage - 20TR, CFM-7500</p> <p>(Supply Side)- Floor Mounted (FM)</p>	<p>Static pressure 130 MMWG</p> <p>Other specifications as per NIT remains same.</p>
<p>17.</p>	<p>Fan Filter Unit</p> <p>CI # 24 of Schedule of Quantity (HVAC Works).</p>	<p>230V Fan Filter Unit with regulating control for clean room. Rust proof aluminium/Self contain stainless steel / galvanism / powder coated steel FF is compact in size and can be easily installed in Clean Room ceiling grids. Control for FFUs can be: 3 speed on device control,3 speed remote control.</p>	<p>Each Fan 750 CFM</p> <p>Other specifications as per NIT remains same.</p>

18.	HI WALL SPLIT AC CI # 25 of Schedule of Quantity (HVAC Works).	Supply, Installation, testing and commissioning of Air-cooled Hi-wall/Cassette split air conditioners each comprising an outdoor unit(s) consisting of inverter driven compressor, air cooled condenser, condenser fan along with Cooling thermostats etc. with outer casing and indoor fan coil unit consisting of centrifugal fans, fan motor, DX cooling coil, outer casing, filter, control and power panel with remote etc.	3- STAR RATING or above. Other specifications as per NIT remains same.
19.	Pressure Gauge CI # 29 of Schedule of Quantity (HVAC Works).	Providing and fixing in position the industrial type pressure gauges with gun metal/brass valves complete as required.	Range : 0 to 10 kg/cm². Other specifications as per NIT remain same.
20.	Thermometer for AHU CI # 30 of Schedule of Quantity (HVAC Works).	Providing and fixing in position the industrial type pressure gauges with gun metal/brass valves complete as required.	Range : 0 to 30 degrees Celsius. Other specifications as per NIT remain same.
21.	Supply and Installation of Smart monitoring System.	No make mentioned.	L M Medical / AMICO/ MDD
22.	Supply and Installation of Central Patient Monitoring LED system.	No make mentioned.	L M Medical / AMICO/ MDD
23.	Supply and Installation of TICU Control Panel.	No make mentioned.	LM Medical / Nexor Medical / SH / Rein Medical / MDD
24.	Supply and Installation of X -Ray view Panel.	No make mentioned.	LM Medical / Nexor Medical / SH / Rein Medical / MDD
25.	Fan Filter Unit	No make mentioned.	Anne Parker/ Airtech/ Camfil/ Protech
26.	Providing and Fixing of corner guards	No make mentioned.	LM Medical / Nexor Medical / SH / Rein Medical / MDD

N.B : All other Terms/ Conditions/ Specifications mentioned in the e-NIT and Price Bid shall remain same and unchanged, except the above.

Sd/-
Executive Engineer (AC&R)
AIIMS, Bhubaneswar