#### **NOTICE INVITING e-TENDER**

e-Tender are invited for Selection of System Integrator for Support Updradation / Technical refreshment and enhancement of existing IT & Non-IT Data Center Infrastructure installed at 1<sup>st</sup> & 2<sup>nd</sup> Floor of the West Bengal State Data Center, Monibhandar.

Reputed System Integrators having sufficient experience and credentials for successful completion of "**Similar Nature**" of work in a Government Department/PSU/Autonomous Body or any reputed organization. Bidder must have adequate technical support skills for providing on-site warranty service within the stipulated time.

1	Tender No. & Date	WTL/WBSDC/DC/23-24/056 dated 16.01.2024			
2	Tender Version No.	1.0			
3	Brief description of Job	Selection of System Integrator for Support Updradation / Technical refreshment and enhancement of existing IT & Non-IT Data Center Infrastructure installed at 1 <sup>st</sup> & 2 <sup>nd</sup> Floor of the West Bengal State Data Center, Monibhandar.			
4	Tender Fee	Rs. 10000.00 (Rupees Ten Thousand only).The amount to be Transferred online through e-tender portal.			
5	Earnest Money Deposit	Rs. 50,00,000.00 (Rupees Fifty Lakh only).The EMD / BID SECURITY should be denominated in Indian Rupees and should be in the form of Bank Guarantee valid for 6 months from the date of bid submission.			
6	Date of Downloading	16.01.2024			
7	Pre-Bid Meeting date & time	<ul> <li>24.01.2024 at 15.00 Hrs. (On-Line Meeting)</li> <li>Pre-Bid meeting will be organizing online platform only. Only queries as per format (Section - P) reaching WTL by 22.01.2022 bidders are requested to send mail to <u>purchase@wtl.co.in</u> for participation of online pre-bid meeting. Based on request WTL will share meeting id / links for meeting. If there is any change in date and time then will inform.</li> <li>Only queries as per format (Section - P) reaching WTL by 22.01.2024 at 15.00 Hrs. will be taken for decision.</li> <li>Queries will be sent to Purchase Deptt. (purchase@wtl.co.in).</li> </ul>			
8	Bid Submission Start date & time	01.02.2024 at 14.00 Hrs.			
9	Last date & time of EMD / BID SECURITY & Tender Fee submission	Before uploading of tender			
10	Last date & time of Bid Submission	06.02.2024 at 12.00 Hrs.			
11	Date & time of Technical Bid Opening	08.02.2024 at 12.00 Hrs.			
12	Venue of Pre-Bid Meeting	WEBEL TECHNOLOGY LIMITED (A Govt. of West Bengal Undertaking) Plot - 5, Block – BP, Sector – V, Salt Lake City, Kolkata – 700091.			
13	Contact person	033-23673403-06			

- Intending bidder may download the tender documents from the website <u>https://wbtenders.gov.in</u> directly with the help of Digital Signature Certificate. Necessary Tender fee may be remitted electronically through e-tender portal in favour of "Webel Technology Limited" and also to be documented through e-filling. Necessary Earnest Money Deposit (EMD) may be remitted electronically through e-tender portal in favour of "Webel Technology Limited" and also to be documented through e-filling.
- 2. Both Techno Commercial Bid and Financial Bid are to be submitted concurrently duly digitally signed in the website <u>https://wbtenders.gov.in</u>
- 3. Tender documents may be downloaded from website and submission of Techno Commercial Bid and Financial Bid will be done as per Time Schedule stated in Section – C of this Tender Document.
- 4. The Financial Bid of the prospective Bidder will be considered only if the Techno Commercial Bid of the bidder is found qualified by the Tender Committee. The decision of the 'Tender Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.
- 5. All clarifications / corrigendum will be published only on the WTL Website.

#### **CONTENTS OF THE TENDER DOCUMENT**

The Tender document comprises of the following:

- SECTION A SCOPE OF WORK & RESPONSIBILITY
- SECTION B INSTRUCTION TO BIDDER
- SECTION C ELIGIBILITY CRITERIA
- SECTION D SERVICE LEVEL AGREEMENT
- SECTION E DATE AND TIME SCHEDULE
- SECTION F BID FORM
- SECTION G TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT
- SECTION H GUIDANCE FOR E-TENDERING
- SECTION I EXISTING INFRASTRUCTURE DETAILS
- SECTION J BILL OF MATERIAL
- SECTION K TECHNICAL SPECIFICATIONS & COMPLIANCE SHEET
- SECTION L MANUFACTURER AUTHORIZATION FORM
- SECTION M DETAILS OF ORDERS EXECUTED BY BIDDER
- SECTION N FINANCIAL CAPABILITY OF BIDDER
- SECTION O BIDDER'S DETAILS
- SECTION P FORMAT FOR PRE-BID MEETING QUERY
- SECTION Q LIST OF CLIENTS OF SIMILAR ORDERS
- SECTION R FORMAT FOR BID SECURITY (BANK GUARANTEE)
- SECTION S PROFORMA FOR PERFORMANCE BANK GUARANTEE
- SECTION T NIT DECLARATION

### <u>SECTION – A</u>

#### **SCOPE OF WORK & RESPONSIBILITY**

#### **Capacity Enhancement of West Bengal State Data Centre (WB-SDC)**

West Bengal State Data Centre (WBSDC) is a critical IT infrastructure of the State of West Bengal, which has been performing as Shared, Secure and Reliable Infrastructure Services-centre for hosting and managing various e-Governance Applications of the State and her constituent departments.

SDC is a centrally-managed secure data centre facility with 24 x 7 support facilities for hosting webapplications backed with uninterrupted power supply & fail-safe internet connectivity.

SDC facilitates consolidation of services, applications and infrastructure. Among its many services, some of the key functionalities are Central Data Repository, Secure Data Storage, Online Delivery of Services, Citizen Information/Services Portal, State Intranet Portal, Remote Management and Service Integration. Since SDC is the one and only repository of data and applications pertaining to the State e-Governance applications, the goal of SDC is to secure the different Departments/Directorate data and applications, which is one of the major challenges in these days, and to improve the quality of delivery of services to Business, Government and citizen in particular which can only be delivered through appropriate management of internal operations and back office.

The WBSDC complied with a world class Tier II data centre (having redundant capacity components and distribution path serving business continuity) as per TIA 942 standards with a guaranteed service level of 99.749% has a safe, secure, monitored, highly available power and cooling arrangements that is capable of accommodating several racks for network components and servers under centralized and simplified management.

At present WBSDC is hosting 500+ important Government applications, which includes 50+ mission critical applications. These applications are hosted at WBSDC using 600+ Virtual Machines (Servers) under Cloud Platform alongside co-located hosting and Common hosting infrastructure (shared infrastructure).

#### Brief Scope of Work

The brief scope of work including Support renewal of existing IT & Non-IT infrastructure including Delivery, Installation & integration is outlined below in the following broad categories.

This specification covers DC infrastructure, standalone system design, engineering, manufacture, assembly, testing at manufacturer's works, supply, delivery at site, unloading, handling, proper storage at site, erection, testing and commissioning at site of complete infrastructure to be installed at WBSDC, Moni Bhandar, 2<sup>nd</sup> Floor as detailed in the specification, complete with all accessories required for efficient and trouble-free operations.

Modular and scalable design, the critical components used to design the system should be redundant and in the Events of failure the components can be maintained easily. All the components of the infrastructure should be such that it can be easily dismantled and relocated to different location.

The DC infrastructure, standalone system shall be in adherence to standard Data Centre guidelines thus shall be composed of multiple active power and cooling distribution paths, but only one path active. Shall have redundant components.

#### (1) Support Renewal, Technical Refreshment and Enhancement of Data Center existing Civil Infrastructure at 1st & 2nd Floor – Support renewal tenure as per Section - I

Delivery, installation and integration of additional materials of civil infrastructure related work shall be adopted for design and implementation of civil cum interior work for the WBSDC-DC as detailed given in the in below support renewal of existing civil infrastructure details given in **Section- I**. Requirement of additional components for achieve the solution/installation, if any, bidder have to be covered with during bid submission as per the bidder's own justification and completion of site survey. No Additional cost will be allocated for achieve the solution during implementation.

Bidder to study existing civil infrastructure of WBSDC (1<sup>st</sup> & 2<sup>nd</sup> Floor) and propose additional materials for civil infrastructure. Additional materials should compatibility with existing civil infrastructure with component interpretability and inter-replaceable, inter-changeability capabilities.

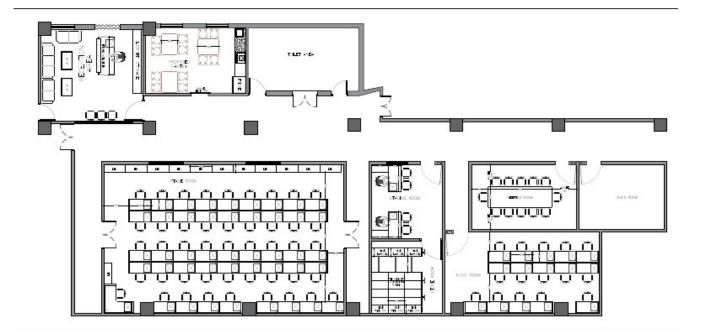
Currently West Bengal State Data Center operations is covered in 1<sup>st</sup> Floor & 2<sup>nd</sup> Floor of Monibhanda, Salt Lake, Kolkata – 700 091 total area is approx. 10000 sq. ft total with False ceiling (Grid Celling + Mineral fiber ceiling). Following existing items has already installed at existing Data Center in 1<sup>st</sup> Floor and 2<sup>nd</sup> Floor. Bidder to maintain the existing infrastructure with 3 years support validity. During support validity bidder will replace / fixing / repair the existing following infrastructure without changing of basic infrastructure

Following Technical Refreshment and Enhancement of Civil Infrastructure will be done by System Integrator as per design and work

Sl.	Work Description	Qty.	Location
No.			for installation
1.	Workstation for 1st Floor existing Staging Room: Office Table Top Duck nose Postform	02	1 <sup>st</sup> Floor
	25mm Thick Wooden Board With 2mm Thick Pvc Edge banded Finish with As Per	Nos.	
	Approved Laminate Shade. Table Size 1500W x 750D x 750mm. Mobile Pedestal Size		
	400W x 450D x 640H. Side Storage Size 1050W x 500D x 700H. Table Top Supported		
	Under structure of Table Gable - End Made of Prime Quality 18mm Thick PLPB Board.		
	Mobile Drawer Top 18mm Thick Wooden Board with 0.8mm Thick Edge banded One		
	Side Duck nose Postform. Mobile Drawer Used Sliding Telescopic Channel with All		
	Fittings & Shutter Used C - Frame Handles. Mobile Drawer Move on Twin Wheel Casters		
	50mm Dia. Casters Made of Moulded Black Nylon Metal Bolt Inserted & Fitted. Side		
	Storage Top 25mm Thick Duck nose Postform Top With 2mm Thick Edge banded. 18mm		
	Thick Wooden Shelve & Divider. Storage Front Facia 18mm Thick PLPB Sliding Shutter.		
	50mm High Wooden Panel Skirting Provided in Side Storage. 7mm High Pvc Bofurs		
	Screw with Gable - end & Side Storage. All Wooden Panels Cleaning Corner Knitted		
	Finish. All Wooden Panels, Gables & Modesty Fix Joints with Minifix Dowels & Other Fitting Equipment. All Wooden Panels Prime Quality Board with ISI Marked. The product		
	should bear IGBC Green Pro certificate for product category. And should be BIFMA		
	member having AIOTA (All India Occupational Therapists Association) for OFFICE		
	FURNITURE range for ergonomic design with 3 years warranty		
2.	<b>Workstation for 1<sup>st</sup> Floor existing Server Room</b> : P/F of Panel based Modular	8 Nos.	1 <sup>st</sup> Floor
	Workstations Cluster of TEN of size 1200 x 600 x 1200 mm. 54 mm thickness with		
	extruded aluminium end post of size 54x16.5mm with continuous vertical locking		
	arrangement for interconnection of two adjacent panels. Top trim is of aluminium section		

	of size 54x12mm and snap fitted on its base of size 54x20mm. The aluminium frame		
	work is supported on lower and upper partition block. Bottom Block is made up of 9mm		
	prelaminated particle board of desired shade which is pasted on 33x25mm thick particle		
	board baton frame, which is properly screwed to end post and Bottom electrical race		
	way. Upper block is fixed above the table top and is made up of particle batons fixed with		
	9 mm thick pin board and cloth of desired shade, Optionally White Board or Glazing can		
	Be provided instead of pin board. Raceway- one bottom raceway is provided as standard		
	for drawing wires along the width of panel. The raceway is covered with aluminium		
	extruded plates from both sides and snap fitted with aluminium extruded raceway clip.		
	The modular switch & socket plates can be mounted & punched onto the raceway panels		
	with easy cable connectivity & accessibility in case of any repairs etc. Table tops to be		
	made up of 25mm thick pre-laminated particle board and edge banded using 2mm PVC		
	lipping. The tops are supported on partition with the help of cantilevers. All work tops		
	fixed at the standard anthropometric working height of 750mm from the ground level &		
	finished with well filleted edges, thus making those users friendly. A circular hole is		
	provided on every w/top to facilitate the easy connection of CPU & Monitor wires & is		
	covered with a modular wire manager made in ABS. Drawer unit to be made up of 18mm		
	thick pre-laminated particle board for outer Frame. Internal 3 drawers (pencil, utility &		
	filing) to be made up of 12mm thick prelaminated particle board with 9mm pre-		
	laminated bottom. Drawer will run on bottom mounted channels. All 3 drawers are		
	locked with centre lock of HETTICH/ EBCO OR EQUIVALENT. The mobile drawer		
	pedestals would all be provided with lockable castors on front 2corners thus making the		
	usability easy & fluent. The keyboard trays are made out of CRCA & mounted under the		
	worktop with sliding channels. The CPU Trolleys are made out of powder coated MS		
	sheet with adjustable width, front & back open & provided with front 2 lockable castors		
2	to ease out the wire accessibility from the CPU with 3 years warranty	0.6	1 -t 0 0 - d
3.	Low Height Storage: 25MM THICK PLPB TOP AND 18MM THICK PLPB U/S AND 9MM	06 Nos.	1 <sup>st</sup> & 2 <sup>nd</sup> Floor
	THICK PLPB BACK. SIZE-1200X450X750MM. The product should bear IGBC Green Pro	INUS.	FIUUI
	certificate for product category. And should be BIFMA member having AIOTA (All India		
	Occupational Therapists Association) for OFFICE FURNITURE range for ergonomic		
4	design with 3 years warranty	02	1 <sup>st</sup> Floor
4.	<b>Three-seater sofa Set</b> : Made of Good Quality Products of MSPL Standard Models. 12mm	Nos.	15 1001
	Ply Used Made of Back & Base. Upholstery Made of Prime Quality Rexine Black. Base Seat	1105.	
	Moulded with Foam (90mm + 21mm) Thick, D - 28KG/m3. Back Seat Moulded with		
	Foam, 45 Thick, D - 28KG/m3. Arm rest Moulded with Foam, 45 Thick, D - 28KG/m3. Back Inserted Foam, 21 Thick, D - 28KG/m3. Ends of the BJ 3S Sofa Structure PVC Caps.		
	Sofa L Brackets & Base Frame Made of Prime Quality MS. Fastners Nut Bolt 4Nos. Size M8 x 38mm. BJ Sofa Structure Shall have MS Spring Base. Under structure Made of Base		
	Frame 20 x 20 Square SS Pipe 1.2mm Thick. Support Frame Made Of 12mm Dia Round SS		
	Pipe 1.2mm Thick. Side Frame Made Of 25mm Dia Round SS Pipe 1.6mm Thick.		
	Pinewood 25W x 25mm Thick. Seat Height from Bottom to Base 458mm. Back Height		
	from Base Seat to Top 356mm. Seat 585 Depth. Hand Rest Width 150mm. All SS Pipes		
	Shall Be Welded Properly Strongly and conformity with regulations. BJ Sofa Structure		
	Stainless Steel Pipe Shall Be Abrasive Polished External Finished. The product should		
	bear IGBC Green Pro certificate for product category. And should be BIFMA member		
	having AIOTA (All India Occupational Therapists Association) for OFFICE FURNITURE		
	range for ergonomic design with 3 years warranty		
5.	<b>Medium Back Chair</b> : Made of Good Quality Products of MSPL Standard Models. Seat	50	1st & 2nd
	Plywood Made Of 12mm Hot Pressed Back PP Structure. Upholstery PVC Structure	Nos.	Floor
	Moulded with Prime Quality High Stretch Fabric. PHA (Gas-Lift) 105mm (TDC 171mm &		
	BDC 66). Seat & Back Are Firmly Connected to The Base Frame Mechanism. Mechanism		
	Provided Upright Position Locking Fixed Back & Back Tilts. Tilt Adjustment Can Be		
	Operated in Seating Position. Chair Max Height 1080. 440W x 420D Base Seat 65mm		
	Thick Moulded with PU Foam D - 45kg/m3 H - 20 & 440W x 470H Back Seat 70mm Thick		
	PP Structure Moulded Fabric Mesh. Base Seat Shell NA. Back Seat Shell PP Structure. L -		

	Patta NA. Beading Finish with NA. 415/515 Arm Rest Fitted to The Seat with Armrest Connecting Brackets. Arm Rest Made of Prime Quality PP Structure. Arm Rest Height From Seat 180mm. Height From Seat To Ground 500mm. Under structure Base Revolving Pedestal Steel Inserted PP Base with PP Hub Cap. Casters Made of Moulded Black Nylon Metal Bolt Inserted & Fitted With 5 Nos. Twin Wheel Casters 50mm Dia. Pedestal Pitch Centre. The product should bear IGBC Green Pro certificate for product category. And should be BIFMA member having AIOTA (All India Occupational Therapists Association) for OFFICE FURNITURE range for ergonomic design with 3 years warranty		
6.	Installation of necessary cage (Iron wire) for existing outdoor units of PAC system	1 Lot	Outside
7.	Replacement of existing PVC doors (8 Nos.), BIP cock, hand shower at 1 <sup>st</sup> & 2 <sup>nd</sup> Floor	1 Lot	1 <sup>st</sup> & 2 <sup>nd</sup> Floor
8.	Necessary paint/polishing of existing fixed workstation & conference table at 1 <sup>st</sup> Floor	1 Lot	1 <sup>st</sup> Floor
9.	Bidder will re-paint the entire inside the of Data Center area including Server room, reception, corridor and other rooms	1 Lot	1 <sup>st</sup> & 2 <sup>nd</sup> Floor
10.	Preparation of Pantry at 1 <sup>st</sup> Floor with Basin Sink + Sink Cock, Refrigerator, Micro Oven, Kitchen Table	1 Lot	1 <sup>st</sup> Floor



# (2) Support Renewal, Technical Refreshment and Enhancement of Data Center existing Electrical Infrastructure at 1st & 2nd Floor Support renewal tenure as per Section - I

Support renewal of existing civil infrastructure details given in Section- I. Installation of computer power point for proposed workstation at 1<sup>st</sup> Floor to be consider. Necessary electrical installation including all accessories for replacement of existing 3 nos. 160KVA UPS with installation of 2 nos. 200KVA UPS to be factor during preparation of BoQ. No separate cost will be charge.

Bidder to study existing Electrical infrastructure of WBSDC (1<sup>st</sup> & 2<sup>nd</sup> Floor) and propose additional materials for electrical infrastructure. Additional materials should compatibility with existing electrical infrastructure with component interpretability and inter-replaceable, inter-changeability capabilities.

#### (3) Support Renewal of existing Cummins make Diesel Generator Set with all related accessories -Support renewal tenure as per Section – I

Support renewal of existing DG Sets details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing DG sets and other related accessories installed at WBSDC.

# (4) Support Renewal of existing 300KVA Isolation Transformer with all related accessories - Support renewal tenure as per Section - I

Support renewal of existing 300KVA Isolation Transformer with all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing 300KVA Isolation Transformer with all related accessories installed at WBSDC

# (5) Support Renewal of existing ETON make 200KVA Central UPS system with all related accessories - Support renewal tenure as per Section – I

Support renewal of existing ETON make 200KVA Central UPS system with all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing ETON make 200KVA Central UPS system with all related accessories installed at WBSDC.

# (6) Support Renewal of existing ETON make 20KVA UPS system for BMS equipment with all related accessories - Support renewal tenure as per Section - I

Support renewal of existing ETON make 20KVA UPS system for BMS equipment with all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing ETON make 20KVA UPS system for BMS equipment with all related accessories installed at WBSDC.

# (7) Support Renewal of Existing Schneider make 25TR Precision Air-conditioner System with all related accessories - Support renewal tenure as per Section – I

Support renewal of existing Schneider make 25TR Precision Air-conditioner System with all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing Schneider make 25TR Precision Air-conditioner System with all related accessories installed at WBSDC.

# (8) Support Renewal of Existing Panasonic make 2TON Comfort Air Conditioning system all related accessories installed at 2nd Floor – Support renewal tenure as per Section – I

Support renewal of existing Panasonic make 2TON Comfort Air Conditioning system all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing Panasonic make 2TON Comfort Air Conditioning system all related accessories installed at WBSDC.

# (9) Support Renewal of existing Schneider make Rack Containment Frame with Rack and Cold and Hot Aisle Containment system with all related accessories - Support renewal tenure as per Section - I

Support renewal of existing Schneider make Rack Containment Frame with Rack and Cold and Hot Aisle Containment system with all related accessories details given in Section- I. Bidder to study/ visit at

WBSDC and conduct site survey for existing Schneider make Rack Containment Frame with Rack and Cold and Hot Aisle Containment system with all related accessories installed at WBSDC.

# (10) Support Renewal of existing Schneider make IP PDU for Server and Network Rack with all related accessories - Support renewal tenure as per Section - I

Support renewal of existing Schneider make IP PDU for Server and Network Rack with all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing Schneider make IP PDU for Server and Network Rack with all related accessories installed at WBSDC.

# (11) Support Renewal of existing Schneider make IP KVM switch with Display Unit including all related accessories - Support renewal tenure as per Section - I

Support renewal of existing Schneider make IP KVM switch with Display Unit including all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing Schneider make IP KVM switch with Display Unit including all related accessories installed at WBSDC.

# (12) Support Renewal, Technical Refreshment and Upgradation of various equipment for existing Building Management system with all related accessories for 1st & 2nd Floor - Support renewal tenure as per Section – I

Support Renewal, Technical Refreshment and Upgradation of various equipment for existing Building Management system with all related accessories for 1st & 2nd Floor details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing Support Renewal, Technical Refreshment and Upgradation of various equipment for existing Building Management system with all related accessories for 1st & 2nd Floor of WBSDC.

#### (13) Support Renewal, Technical Refreshment and Upgradation of existing Building Management System software with all related accessories - Support renewal tenure as per Section - I

Support Renewal, Technical Refreshment and Upgradation of existing Building Management System software with all related accessories details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for existing Building Management System software with all related accessories deployed at WBSDC.

# (14) Support Renewal, Technical Refreshment of existing Display Units and other related accessories for Monitoring of Various IT and Non-IT Infrastructure - Support renewal tenure as per Section – I

Support Renewal, Technical Refreshment and Upgradation of existing Display Units and other related accessories for Monitoring of Various IT and Non-IT Infrastructure details given in Section- I. Bidder to study/ visit at WBSDC and conduct site survey for Display Units and other related accessories for Monitoring of Various IT and Non-IT Infrastructure installed at WBSDC.

#### (15) Support Renewal, Technical Refreshment and Upgradation of existing Structured Passive Cabling Components of LAN infrastructure of 1st Floor & 2nd Floor - Support renewal tenure as per Section - I

Support Renewal, Technical Refreshment and Upgradation of existing Structured Passive Cabling Components of LAN infrastructure of 1st Floor & 2nd Floor details given in Section- I.

Bidder to study/ visit at WBSDC and conduct site survey and prepare for additional materials for installation of LAN points for additional proposed workstation to be installed at 1<sup>st</sup> Floor.

Bidder to study existing Passive Cabling infrastructure of WBSDC (1<sup>st</sup> & 2<sup>nd</sup> Floor) and propose additional materials for installation of LAN points for proposed workstation to be installed at 1<sup>st</sup> Floor. Additional materials should compatibility with existing Passive cabling infrastructure with component interpretability and inter-replaceable, inter-changeability capabilities. Tentative Additional Passive BoQ as given below

S/N	Item Description	Qty.	
Α	OM4 Fiber MPO Cabling Components		
1.	Low Loss Multimode OM4 MPO-12 Module, 2x12F MPO rear to 24F LC Aqua, Method B	10 Noc	
2	Enhanced, UL listed, intelligent	Nos.	
2.	1U sliding fiber panel, accepts (4) MPO modules providing up to 48 duplex LC ports, with rear cable management, UL listed (factory fitted)	5 Nos.	
3.	Low Loss OM4 MPO12/UPC to MPO12/UPC, Fiber Trunk Cable Assembly, 12-Fiber,	5 Nos.	
	LSZH CPR Dca rated, Bend Insensitive, 10m (factory fitted)		
4.	Low Loss OM4 MPO12/UPC to MPO12/UPC, Fiber Trunk Cable Assembly, 12-Fiber, LSZH CPR Dca rated, Bend Insensitive, 15m (factory fitted)	5 Nos.	
5.	Low Loss OM4 MP012/UPC to MP012/UPC, Fiber Trunk Cable Assembly, 12-Fiber,	5 Nos.	
5.	LSZH CPR Dca rated, Bend Insensitive, 25m (factory fitted)	5 1103.	
6.	LC/UPC to LC/UPC Duplex Uniboot patch cord, Bend Insensitive, 2 mm LSZH, aqua	10	
0.	jacket, 3 m (factory fitted)	Nos.	
7.	LC/UPC to LC/UPC Duplex Uniboot patch cord, Bend Insensitive, 2 mm LSZH, aqua	10	
/.	jacket, 5 m (factory fitted)	Nos.	
В	CAT6A Copper UTP Cabling Components		
1.	Category 6A U/UTP 23 AWG Cable, LSZH jacket with CPR D2ca rating, 4 pair with cross	5	
1.	filler, 305 m Box	Boxes	
2.	Category 6A U/UTP Patch Panel, 24 port, 1U, fully loaded from factory, with rear cable management and intelligent	3 Nos.	
3.		75	
э.	CAT6A U/UTP Solid Cordage Modular Patch Cord, LSZH Jacket, 3 Mtr (factory fitted)	Nos.	
4.	CAT6A U/UTP Solid Cordage Modular Patch Cord, LSZH Jacket, 10 Mtr (factory fitted)	10 Nos.	
т.	Griffin of off Sona Coluage Mouthai Fatch Colu, ESZIT Jacket, 10 Mil (lactory litter)		
5.	CAT6A U/UTP Solid Cordage Modular Patch Cord, LSZH Jacket, 15 Mtr (factory fitted)		
6.	CAT6A U/UTP Solid Cordage Modular Patch Cord, LSZH Jacket, 25 Mtr (factory fitted)	5Nos.	

#### (16) Support Renewal, Technical Refreshment and Upgradation of existing Checkpoint Make Network Security Devices - Support renewal tenure as per Section - I

Support Renewal, Technical Refreshment and Upgradation of existing Checkpoint Make Network Security Devices and other accessories details given in Section- I. Existing Checkpoint Network Security Devices to be extended support renewal, version upgradation and enhancement of feature.

# (17) Support Renewal, Technical Refreshment and Upgradation of existing Array Networks make WAF and Load Balancer - Support renewal tenure as per Section – I

Support Renewal, Technical Refreshment and Upgradation of existing Array Networks make WAF and Load Balancer details given in Section- I. Existing Array Network Devices to be extended support renewal, version upgradation and enhancement of feature.

# (18) Support Renewal of existing Cisco make Network and Storage Switching Devices - Support renewal tenure as per Section – I

Support renewal of existing Cisco make Network and Storage Switching Devices details given in Section- I.

# (19) Support Renewal of existing Cisco make Rack Server and Blade Server along with Chassis and Fabric Interconnect - Support renewal tenure as per Section – I

Support renewal of existing Cisco make Rack Server and Blade Server along with Chassis and Fabric Interconnect Devices details given in Section- I.

#### (20) Support Renewal of existing NEO Backup Device and existing Commvault Backup software -Support renewal tenure as per Section – I

Support renewal of existing NEO Backup Device and existing Commvault Backup software details given in Section- I.

# (21) Support Renewal and capacity enhancement of Existing NetApp make Storage systems with Controller and other related accessories - Support renewal tenure as per Section – I

Support Renewal, Technical Refreshment and Upgradation of existing NetApp make storage system with controller and other related accessories details given in Section- I. Existing NetApp Storage Devices to be extended support renewal and 50TB (usable) capacity enhancement as per the existing configuration with interpretability and smooth integration.

# (22) Support Renewal of existing HPE make Storage System with all accessories - Support renewal tenure as per Section – I

Support renewal of existing HPE make Storage System with all accessories details given in Section- I.

# (23) Support Renewal, Technical Refreshment and Upgradation of existing cloud platform / Infrastructure with all existing component - Support renewal tenure as per Section – I

Support renewal, Technical Refreshment and Upgradation of existing cloud platform / Infrastructure with all existing component details given in Section- I.

At present, WBSDC is utilizing Red Hat Virtualization platform and Red Hat OpenStack Cloud Platform to host different VM based application workloads distributed across 33 Cisco UCS B200 M5 physical servers. The deployed platform was/is entitled to run unlimited Red Hat Enterprise Linux Guest OS on the platform with Red Hat Satellite. Red Hat Platform subscriptions for the physical servers have already expired in October 2023.

However, as the industry accelerates and scales their hybrid cloud initiatives, WBSDC is looking for a modernization strategy for virtual machine (VM) based workloads with technical and solution upgrades of the existing deployment. The bidder needs to enable the new features and functionalities which are available in the upgraded environment as a part of the technical and solution upgrade of the existing deployment. To ease this adoption, WBSDC wants to upgrade the existing environment into a single

platform for applications that can leverage either a subset of, or all of, virtual machines, containers, and serverless together.

The bidder needs to provide Red Hat platform subscriptions for the next 3 years for the 33 existing Cisco UCS B200 M5 physical servers which will support the existing available features of virtualization i.e. VM creation & management, VM cloning & import, managing network interface controllers and storage disks attached to virtual machines along with provision for creating unlimited guest VMs with RHEL OS. In addition to it, the bidder also needs to ensure that the upgraded solution is implemented with new enhanced solution features like logging, monitoring, CI/CD pipelines, GitOps, separate Developer & Administrator console, service mesh, serverless & container workload management.

Bidder are requested to kindly go through the existing infrastructure as per Section – I for existing Cisco Make Servers details and consider only 33 nos. Server for version upgrade as worker nods and 3 nos. server to be consider as Master nods. The bidder will have to upgrade and maintain the solution for the next 3 years.

(24) Support Renewal of existing Samarth make Metal detector and Vehant make Baggage scanner Machine along with other related accessories - Support renewal tenure as per Section – I Support renewal of existing Samarth make Metal detector and Vehant make Baggage scanner Machine along with other related accessories details given in Section- I.

# (25) Delivery, Installation & Integration for replacement of existing Batteries (12V, 80 Nos.) and other accessories of existing ETON make 200KVA UPS with 3 years warranty

Delivery of 80 Nos. 12V batteries to be install at WBSDC for existing 2 Nos. ETON Male 200KVA UPS. UPS details given in Section – I.

# (26) Delivery, Installation & Integration for replacement of existing Batteries (12V, 42AH) and other accessories of existing Eton make 20KVA UPS with 3 years warranty

Delivery of 64 Nos. 12V, 42AH batteries to be install at WBSDC for existing 2 Nos. ETON Male 20KVA UPS. UPS details given in Section – I.

#### (27) Delivery, Installation & Integration of 200KVA UPS and other accessories under Technical Refreshment of existing old & EOSL reached Central UPS with 3 years warranty (As per Technical Specification of Section - K)

Delivery, Installation & Integration of 2 Nos. 200KVA Online UPS and other accessories as per technical specification given in Section – K.

# (28) Delivery, Installation & Integration of batteries and other related accessories for 2 Nos. 200KVA UPS with 3 years warranty (As per Technical Specification of Section - K)

Delivery, Installation & Integration of batteries for 2 Nos. 200KVA Online UPS with 3 years warranty as per technical specification given in Section – K.

(29) Delivery, Installation & Integration under Technical Refreshment of existing 2TON Comfort Air-conditioner System with all related accessories installed at 1st Floor with 3 years warranty (As per Technical Specification of Section - K)

Delivery, Installation & Integration of 2Ton Comfort Air Conditioning system with all related accessories including 3 years warranty as per technical specification given in Section – K.

#### (30) Delivery, Installation & Integration of 2TON Small Room Cooling with High air quantity, high energy efficient components and advanced control system for Electrical & UPS Room with 3 years warranty (As per Technical Specification of Section - K)

Delivery, Installation & Integration of 2Ton Small Room Cooling with High air quantity, high energy efficient components and advanced control system for Electrical & UPS Room with 3 years warranty as per technical specification given in Section – K.

# (31) Delivery, Installation & Integration of Router with 3 years warranty (As per Technical Specification of Section - K)

Delivery, Installation & Integration of Router with 3 years warranty as per technical specification given in Section – K.

# (32) Technical upgradation, installation, commissioning, integration of existing infrastructure and newly procured infrastructure and providing onsite support for 3 years

Selected bidder will submit project implementation including High level Design (HLD) and Low-Level Design (LLD) documentation before installation.

Selected bidder will install, commission and successful integration after successful deliver of the entire equipment and support renewal of existing materials as per RFP.

After successful installation & commissioning bidder will submit final project implementation document with all relevant information.

#### (33) Operation & Maintenance Support Service

Selected Bidder will provide three (3) years Operation & Maintenance Support from the date of final installation. Operation & Maintenance Support includes existing IT & Non-IT Infrastructures installed at WBSDC-DC. Valid back-to-back OEN support warranty will be provided during O&M support service.

**(34) Supply:** Entrusted bidder must supply and RFP and Work Order. All supplies must be certified, new and RoHS compliant. Supplied components must satisfy the minimum guiding specifications and guidelines, as applicable, proprietary technology must be mentioned against each component. Bidder is allowed to propose only one make / model per system or software required for the proposed solution. Bids with optional offers would be summarily rejected.

(35) Packing, Unpacking, unloading & etc. : The Vendor is responsible for installation and configuration of systems at sites including unpacking of cartons / boxes, assembling, wiring, cabling between hardware units and connecting to power supplies. The Contractor will test all hardware operations and accomplish all adjustments necessary for successful and continuous operation of the hardware at all installation sites.

**(36) Cleaning**: Site Preparation & cleaning checking & fixing, aligning of structures, final cleaning of site after completion of the work shall be under the scope of the Successful Bidder. No separate payment will be made towards this and the cost, if any, will be deemed to be included in the total contract price.

**(37) Site Inspection**: The Bidder, before submitting his tender, is suggested to visit the site and ascertain the local conditions, labor rules, availability of construction materials, traffic restrictions, and all obstructions in the area and also ascertain all site conditions. After the award of work no additional claims will be entertained on these accounts under any circumstances.

**(38)** Coordination with other agencies: The successful Bidder shall coordinate with other agencies working at the site for the successful and timely implementation of the work.

**(39)** Damage during implementation: Ensuring that no other equipment/structure/setup gets damaged due to Bidder's activities. Any damages if caused to WTL's property due to Bidder's negligence shall be passed on Successful Bidder's account and will be recovered from Bills of service provider.

**(40) Civil Work :** Minor civil works such as chipping/cutting of floors for making grooves or laying pipes / cables, making holes / opening through walls, ceiling or floors, drilling of holes through steel structures and frames, grouting of frames, hooks on walls/ceiling etc. required for execution of work. After erection, surface shall be made good by plastering / painting to their original shape and finish.

**(41) Back to Back OEM Service Agreement** : The Bidder is to furnish Authorization/ Undertaking including back to back service arrangement for comprehensive maintenance from the OEMs of IT & Non-IT and other systems and solutions that will be provided as part of solution during contract. The Authorization/Undertaking must be submitted on OEMs letter head and OEM back to warranty certificate with warranty tenure as per RFP terms including serial number all deployed product should be submitted.

**(42) Stabilization Period:** The System shall be under stabilization period of minimum two months post Go Live and shall be monitored closely for any issue. The issue shall be addressed immediately so that no stoppage of business shall happen. All the deployed solution like HA, failover, failback, backup, restore, performance, CPU utilization, RAM Utilization, storage etc. shall be tested, monitored and any issue arising shall be addressed.

**(43)** Additional Component : Any component, license that has been missed out in this specification but is required to complete the solution shall be provided by the bidder. Any component, license that has been mentioned but a higher quantity or volume is required to complete the solution shall be provided by the bidder.

**(44) Patch Management**: Bidder or Selected SI should conduct periodic patch management as per recommendation from respective OEM and consultation.

**(45)** License: All Licenses, OEM warranty certificate issued by respective OEM. Respective License should be in the name of **Government of West Bengal**.

**(46) End of Support by OEM :** The new hardware that will be provided should not be under EoS/EoSL from respective OEM for the next Seven years from date of installation.

**(47) Testing:** Entrusted bidder must test the installed and integrated systems(s) in-situ and produce system generated report showing that all asked-for minimum specifications and guidelines are met. Integration and testing of components may be jointly done by the WTL/Directorates and entrusted Bidder / System Integrator

**(48) OEM responsibility:** Bidder to include confirmation from the respective OEMs for the products / solution proposed by them for the following:

- a) All product specific compliance information has been certified by the OEM
- b) OEM has not withheld any information about the product / solution that undermines the objectives of the proposed solution
- c) After final acceptance of successful installation, commissioning and integration bidder will submit item-wise warranty coverage for five years (warranty start date from the date of final acceptance) for all hardware, system software and accessories from the respective OEMs.
- d) For any change in system part no. / Serial no. of any hardware / software from the time of submission of offer till completion of the contract (for reasons like model changes or replacement systems), bidder should notify the change to the purchaser in written with supporting justification letter from the respective OEM for the change. The Purchaser reserves the right to accept or reject such changes.

**(49) Ownership:** After acceptance, porting of business information on ICT infrastructure, IT Department/ WTL will be the sole owner of the information repository, and associated processes.

**(50) Warranty Period**: The entire system along with all the installed components shall be under comprehensive maintenance support for 3 years contract after successful final installation. Back-to-back support renewal will be procured as per section – I

#### <u>SECTION – B</u>

#### **INSTRUCTION TO BIDDER**

#### 1. DEFINITIONS

In this document, the following terms shall have following respective meanings:

"Acceptance Test Document" means a document, which defines procedures for testing the functioning of installed system. The document will be finalized with the contractor within 7 days of issuance of the Letter of Award.

"**Bidder**" means any firm offering the solution(s), service(s) and /or materials required in the RFP. The word Bidder when used in the pre award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder.

"**Contract**" is used synonymously with Agreement.

"**Contract Price**" means the price to be paid to the Contractor for providing the Solution, in accordance with the payment terms.

"**Contractor**" means the Bidder whose bid to perform the Contract has been accepted by Tender Committee and is named as such in the Letter of Award.

"Default Notice" mean the written notice of Default of the Agreement issued by one Party to the other.

"**Fraudulent Practice**" means a misrepresentation of facts in order to influence a procurement process or the execution of a Contract and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial noncompetitive levels and to deprive the Directorate of Commercial Taxes and eventually GoWB of the benefits of free and open competition.

"GoI" shall stand for the Government of India.

"GoWB" means Government of West Bengal.

"**Personnel**" means persons hired by the Bidder as employees and assigned to the performance of the Infrastructure Solution or any part thereof.

"**Similar Nature of Work**" means shall include Supply, Installation, Operations & Maintenance / AMC Support of infrastructure viz. Server, Storage, Network Device, Non-IT infrastructure etc. pertaining to Data Center / Data warehouse management / system Integration job.

**"Project"** Selection of System Integrator for Support Updradation / Technical refreshment and enhancement of existing IT & Non-IT Data Center Infrastructure installed at 1<sup>st</sup> & 2<sup>nd</sup> Floor of the West Bengal State Data Center, Monibhandar

"AMC" means Annual Maintenance Contract.

"O&M" means Operation & Maintenance

"FMS" means Facility Management Support

"SIA" means State Implementation Agency

"SNA" means State Nodal Agency

"QGR" means Quarterly Guaranteed Revenue

**"Services"** means the work to be performed by the Bidder pursuant to this Contract, as described in the detailed Scope of Work.

"Interest rate" means "364 days Government of India (GoI) Treasury Bills" rate.

"**Law**" shall mean any Act, notification, bye law, rules and regulations, directive, ordinance, order or instruction having the force of law enacted or issued by the Central Government and/or the Government of West Bengal or any other Government or regulatory authority or political subdivision of government agency.

**"LOI"** means issuing of Letter of Intent shall constitute the intention of the WTL to place the Purchase Order with the successful bidder.

"**Requirements**" shall mean and include schedules, details, description, statement of technical data, performance characteristics, standards (Indian as well as International) as applicable and specified in the Contract.

**"Service**" means provision of Contracted service viz., operation, maintenance and associated services for DEPLOYED SYSTEMS as per Section titled "Scope of Work".

"Termination Notice" means the written notice of termination of the Agreement issued by WTL.

**"Uptime"** means the time period when specified services are available with specified technical and service standards as mentioned in section titled WARRANTY SUPPORT" **"%Uptime"** means ratio of 'up time' (in minutes) as mentioned in section titled "Warranty support".

"**Service Down Time**" (SDT) means the time period when specified services with specified technical and operational requirements as mentioned in section titled "WARRANTY SUPPORT"" are not available to Gov. of W. Bengal and its user departments and organizations.

"WTL" means Webel Technology Limited a Govt. of West Bengal undertaking.

#### 2. PRE BID MEETING

Pre Bid Meeting will be held on 24.01.2024 at 15.00 hrs. (On-Line Meeting). Bidder can send their queries as per format (Section - P) to Purchase Deptt. (purchase@wtl.co.in). Only the queries received within the stipulated date prior to the Pre Bid Meeting will be answered. Interest bidders are requested to send mail to (purchase@wtl.co.in) for participation of online pre-bid meeting. Based on request WTL will share meeting id / links for meeting. If there is any change in date and time then will inform.

#### 3. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of the bid and WTL will no case be responsible for those costs regardless of the conduct or outcome of the bidding process.

#### 4. BID DOCUMENT

Bidder is expected to examine all instructions, forms, terms and requirement in the bid document. The invitation to bid together with all its attachment thereto shall be considered to be read, understood and accepted by the bidder unless deviations are specifically stated in the seriatim by the bidder. Failure to furnish all information required by the bid document or a bid not substantially responsive to the bid document in every respect may result of the bid.

#### 5. AMENDMENT OF BID DOCUMENT

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

#### 6. MODIFICATION AND WITHDRAWAL OF BIDS

As per the bidding process available in the tender.

#### 7. LANGUAGE OF BID & CORRESPONDENCE

The proposal will be prepared by the Bidder in English language only. All the documents relating to the proposal (including brochures) supplied by the firm should also be in English, and the correspondence between the Bidder & WTL will be in English language only. The correspondence by fax/E-mail must be subsequently confirmed by a duly signed formal copy.

#### 8. BIDDER'S SOLUTION

The bidders are requested to study the Bill of Material supplied with this document carefully. While working out the solution the bidder has to work with the broad minimum specification provided in the tender documents, conforming to the model, make and Part number (wherever provided). While submitting the bid the bidder has to detail out all components needed to complete the system BOM. The bidder is required quote for each item retaining all major components/sub system detailed and specified. As the contractor will be responsible for smooth functioning of the system, availability of spares during the tenure of the warranty period have to be take care by the contractor to maintain the guaranteed uptime.

#### 9. EARNEST MONEY DEPOSIT (EMD / BID SECURITY) / TENDER FEE

The bidder shall furnish Online Receipt against payment of Tender Fees and Earnest Money Deposit.

#### 10. REFUND OF EMD / BID SECURITY

EMD / BID SECURITY will be refunded to the unsuccessful bidders without interest by following guidelines of circular 3975-F(Y) dated 28/07/2016 on final selection of Successful Bidders.

#### 11. FORFEITURE OF EMD / BID SECURITY

EMD / BID SECURITY made by Bidder may be forfeited under the following conditions:

If Bidder withdraws the proposal before the expiry of validity period.

During the evaluation process, if a Bidder indulges in any such activity as would jeopardize the process, the decision of WTL regarding forfeiture of EMD / BID SECURITY shall be final and shall not be called upon question under any circumstances.

If Bidder violates any of the provisions of the terms and conditions of the proposal.

In the case of a successful Bidder, if Bidder fails to:

- i. Accept the work order along with the terms and conditions.
- ii. Furnish performance security.
- iii. Violates any of the work conditions of this proposal or indulges in any such activities as would jeopardize the work.
- iv. Submitting false/misleading information/declaration/documents/proof/etc.

The decision of WTL regarding forfeiture of EMD / BID SECURITY shall be final and shall not be called upon to question under any circumstances, besides, forfeiture of EMD / BID SECURITY even the Bidder will be deferred from participating in any job for a period of one year.

#### **12. FORMS AND FORMATS**

The various inputs for the Techno Commercial as Financial Bids are to be submitted in the format specified. The bidder shall use the form, wherever specified, to provide relevant information. If form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information. For all other cases, the bidder shall design a form to hold the required information.

#### **13. LACK OF INFORMATION TO BIDDER**

The bidder shall be deemed to have carefully examined the Bid document to his entire satisfaction. Any lack of information shall not relieve the bidder of his responsibility to fulfill his obligation under the bid. If bidder has any queries relating to bid document, then he can send the queries before the Pre Bid Meeting.

#### **14. CONTRACT EXECUTION**

On receipt of the Letter of Award/Purchase Order the contractor should submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total contract value within three weeks from the date of receipt of Letter of Award/Purchase Order. The PBG should be valid for six months more than the Warranty period. All delivery of the material (under technical refresh) will have to be completed within 8 weeks from the date of acceptance of contract or the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 12 weeks from the date of award. Support renewal for IT& Non-IT products will be completed within 4 weeks after from the date of award. Subsequent to the award of contract, the contractor will have to arrange for the requisite material as per BOM.

#### **15. DELIVERY & PROJECT COMPLETION SCHEDULE**

- a) Back to Back Support renewal / subscription renewal from respective OEM for existing IT & Non-IT products will be completed within 4 weeks after from the date of award. Bidder & OEM will provide uninterrupted back-to-back support upgrade / subscription renewal from respective OEM without any period gap
- b) All delivery of the material (under technical refresh) will have to be completed within 8 weeks from the date of acceptance of contract or the contractor has to ensure all activities leading to the commissioning of the contract to be completed within 12 weeks from the date of award.

#### 16. LIQUIDATED DAMAGE / PENALTY

The job includes the supply and installation of materials mentioned in the tender document. In the event of failure to meet the job completion in stipulated date/time liquidated damage may be imposed on the contractor for sum not less than 0.5% of the contract value for that item/job for each week or part thereof, subject to a ceiling of 10% of the total contract value (excluding all taxes & duties and

other charges). In the event of LD exceeds 10% of the order value, WTL reserves the right to terminate the contract and WTL will get the job completed by any other competent party. The difference of cost incurred by WTL will be recovered from the contractor and PBG will be invoked.

#### **17. LIABILITY**

In case of a default on bidder's part or other liability, WTL shall be entitled to recover damages from the Contractor. In each such instance, regardless of the basis on which WTL is entitled to claim damages from the Contractor (including fundamental breach, negligence, misrepresentation, or other contract or tort claim), Contractor shall be liable for no more than:

- Payment referred to in the Patents and Copyrights clause.
- Liability for bodily injury (including death) or damage to real property and tangible personal property limited to that cause by the Contractor's negligence.
- As to any other actual damage arising in any situation involving non-performance by Contractor pursuant to or in any way related to the subject of this Agreement, the charge paid by WTL for the individual product or Service that is the subject of the Claim. However, the contractor shall not be liable for
- For any indirect, consequential loss or damage, lost profits, third party loss or damage to property or loss of or damage to data.
- For any direct loss or damage that exceeds the total payment for Contract Price made or expected to be made to the Contractor hereunder.

#### **18. PATENTS & COPYRIGHT**

If a third-party claims that a product delivered by the Contractor to WTL infringes that party's patent or copyright, the Contractor shall defend WTL against that claim at Contractor's expense and pay all costs, damages, and attorney's fees that a court finally awards or that are included in a settlement approved by the Contractor, provided that WTL.

- Promptly notifies Contractor in writing of the claim
- Allows Contractor to control and co-operate with Contractor in the defense and any related settlement negotiations.

Remedies: If such a claim is made or appears likely to be made, WTL would permit Contractor to enable WTL to continue to use the product, or to modify it, or replace it with one that is at least functionally equivalent. If Contractor determines that none of these alternatives is reasonably available, WTL agrees to return the product to Contractor on Contractor's written request. Contractor will then give WTL a credit equal to for a machine. WTL's net book value (provided WTL has followed generally accepted accounting principles for a generally available software product produced by Contractor (Program) the amount paid by WTL or 12 months charges (which ever is lesser) and for materials the amount paid by WTL for the materials. These will be Contractor's entire obligation regarding any claim of infringement.

#### **19. SUSPENSION OF WORK**

WTL shall have the power at any time and from time to time by notice to the Contractor to delay or suspend the progress of the work or any part of the work due to any other adequate reasons and on receipt of such notice the contractor shall forthwith suspend further progress of the work until further notice from WTL. The Contractor shall recommence work immediately after receiving a notice to do so from WTL. The whole or any part of the time lost for such delay or suspension shall, if WTL in its absolute discretion thinks fit, but not otherwise, be added to the time allowed for completion.

#### **20. TERMS OF PAYMENT**

Payment terms will be on back-to-back basis, i.e., payment will be made only on receipt of payment from Department of IT&E, GoWB. A scheduled payment terms depicted below: phase wise payment will be release as per following mode.

Sl. No.	Job	Payment Schedule / Milestones	Remarks
1.	Back-to-Back Support renewal / subscription renewal of respective OEM for existing IT & Non-IT products	100% payment	Payment release on successful back-to-back Support renewal / subscription renewal of respective OEM
2.	After successful delivery of Materials (under technical refresh)	80% Payment of Basic Value of delivered materials + 100% GST value	Payment release on successful delivery of materials
3.	After successful installation and commissioning of delivered materials (under technical refresh)	Balance 20% payment of Basic value	Payment release on successful installation & commissioning
4.	Technical upgradation, installation, commissioning, integration of existing infrastructure and newly procured infrastructure and providing onsite support	70% Payment	Payment will be release on successful installation, commissioning and integration
5.	Technical upgradation, installation, commissioning, integration of existing infrastructure and newly procured infrastructure and providing onsite support	30% Payment	Payment will be release after two (02) months of successful Technical upgradation, installation, commissioning, integration of existing infrastructure and newly procured infrastructure and providing onsite support

#### 21. GOVERNING LAWS

This contract should be governed by and interpreted by Arbitration clause in accordance with Laws in force in India. The courts at Kolkata shall have exclusive jurisdiction in all matters arising under the contract. The selected vendor shall keep himself fully informed of all current national, state and municipal law and ordinances. The selected vendor shall at their own expense, obtain all necessary permits and license and pay all fees and taxes required by law. These will be selected vendor's entire obligation regarding any claim of infringement. The selected vendor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses, permits certificates and payment of taxes where required. The selected vendor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labor legislation.

#### 22. CORRUPT OR FRAUDULENT

The Tender Committee requires that the bidders under this Tender observe the highest standards of ethics during the procurement and execution of such contracts. For this purpose the definition of corrupt and fraudulent practices will follow the provisions of the relevant laws in force. The Tender Committee will reject a proposal for award if it detects that the bidder has engaged in corrupt or

fraudulent practices in competing for the contract in question. The Tender Committee will declare a firm ineligible, either indefinitely or for a stated period of time, if it at any time determines that the firm has engaged in corrupt and fraudulent practices in competing for, or in executing, a contract.

#### 23. BIDING CLAUSE

All decisions taken by the Tender Committee regarding the processing of this tender and award of contract shall be final and binding on all parties concerned.

The Tender Committee reserves the right:

- To vary, modify, revise, amend or change any of the terms and conditions mentioned above and,
- To reject any or all the Tender/s without assigning any reason whatsoever thereof or to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

#### 24. WORKMEN'S COMPENSATION

In every case in which by virtue of the provision of the workmen's compensation Act 1923 or any other relevant acts and rules, compensation to a workman employed by the contractor, is payable, then this should be done by the Contractor. If WTL is obliged to make any compensation under the said rules and acts, then the amount shall be recovered without prejudice, from the bills and due of the Contractor. WTL shall not be bound to contest any claim made against the Contractor in respect of workmen's compensation.

#### **25. CONTRACTOR'S EMPLOYEES**

The Contractor shall comply with the provision of all labour legislation including the requirement of the payment of Wage Act 1936 and the rules framed there under and modifications thereof in respect of men employed by him in carrying out the contract. The Contractor must ensure that he complies with PF, ESI regulation for all his deployed employees. The Contractor shall see that all authorized Sub Contractors under him similarly complied with the above requirement.

#### **26. SAFETY MEASURES**

The Contractor shall in the course of execution of the work take all necessary precaution for the protection of all persons and property. The Contractor shall take adequate measures to protect the work and present accident during the work. In the event of any accident to any person or persons or damage or injury of any description to any person or property due to failure on the part of the contractor in taking proper precautionary measures the contractor shall be responsible for and must make good the loss the damage at his own cost to the satisfaction of the department and employees of the department shall be indemnified from all claims or liabilities arising there from or any expenses incurred on account thereof.

#### **27. EQUIPMENT**

All tools & tackles necessary for the work shall have to be procured by the contractor unless otherwise specified elsewhere in these tender documents. The equipment used by the contractor for a particular work must be appropriate for the type of work. The contractor shall maintain the equipment used on the work properly so that they are in good working condition. In no case shall the contractor use defective or imperfect equipment in the work. The contractor shall arrange to replace or repair all defective equipment so that the progress of the work is not hampered. No defective equipment should be left at the site of work and the department shall not be responsible for any loss or damage to any of this equipment during the course of the execution of the work.

#### 28. SUB-CONTRACT

The purchaser (WTL) does not recognize the existence of Sub-Contractors. The Contractor's responsibility is not transferable. No conso

#### 29. TERMINATION FOR DEFAULT

WTL may without prejudice to any other remedy or right of claim for breach of contract by giving not less than 30 days written notice of default sent to the contractor, terminate the order in whole or in part. If the contractor materially fails to render any or all the services within the time period specified in the contract or any extension thereof granted by WTL in writing and fails to remedy its failure within a period of thirty days after receipt of default notice from WTL. If the project (delivery, commissioning as well as warranty maintenance support is not carried out according to specification due to deficiency in service as per terms of the contract. In such case WTL will invoke the amount held back from the contractor as PBG.

#### **30. BANKRUPTCY**

If the contractor becomes bankrupt or have a receiving order made against him or compound with his creditors or being a corporation commence to be wound up, not being a voluntary winding up for the purpose only or amalgamation or reconstruction, or carry on their business under a receiver for the benefit of their creditors or any of them, WTL shall be at liberty to terminate the engagement forthwith without any notice in writing to the contractor or to the liquidator or receiver or to any person in whom the contractor may become vested and without any compensation to give such liquidator or receiver or other person the option of carrying out the engagement subject to their providing a guarantee for the due and faithful performance of the engagement up to an amount to be determined by WTL.

#### **31. FORCE MAJEURE**

It is hereby defined as any cause, which is beyond the control of the Contractor or WTL as the case may be, which such party could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as

- War, Hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war.
- Rebellion, revolution, insurrection, mutiny, usurpation of civil or military, government, conspiracy, riot, civil commotion and terrorist area.
- Confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any government or de facto authority or ruler, or any other act or failure to act of any local state or national government authority.
- Strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, shortage of power supply epidemics, quarantine and plague.
- Earthquake, landslide, volcanic activity, fire flood or inundation, tidal wave, typhoon or cyclone, hurricane, nuclear and pressure waves or other natural or physical disaster.

If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances of the event of Force Majeure within fourteen days after the occurrence of such event. The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed.

The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect of the event of Force Majeure upto its or their performance of the Contract and to fulfill its or their obligation under the Contract but without prejudice to either party's right to terminate the Contract.

No delay or nonperformance by either party to this Contract caused by the occurrence of any event of Force Majeure shall.

- Constitute a default or breach of the contract.
- Give rise to any claim from damages or additional cost or expense occurred by the delay or nonperformance. If, and to the extent, that such delay or nonperformance is caused by the occurrence of an event of Force Majeure.

#### 32. SERVICE LEVEL AGREEMENT (SLA)

#### Licenses/Subscriptions

The system software licenses/subscriptions mentioned in the Bill of Materials shall be genuine, perpetual, full use and should provide upgrades, patches, fixes, security patches and updates directly from the OEM. All the licenses and support (updates, patches, bug fixes, etc.) should be in the name of Government of West Bengal.

All the licenses and support (updates, patches, bug fixes, etc.) should be in the name of Government of West Bengal. SI shall provide a comprehensive warranty that covers all components after the issuance of the final acceptance. The warranty should cover all materials (if applicable), licenses, services, and support for both hardware (if applicable) and software. SI shall administer warranties with serial number and warranty period. SI shall transfer all the warranties to WTL at no additional charge at the time of termination of the project. All back to back OEM warranty documentation (no expiry) will be delivered to WTL.

#### **Capacity Building / Training**

#### **Overview**

The SI would be required to provide training on various aspects to enable effective use of the new system to achieve the envisaged outcomes. The scope of work of the SI related to Capacity Building & Change Management is described in this section. Capacity building will include the following:

#### Warranty Support - IT compute Infrastructure (for additional system software)

#### As part of the warranty services SI shall provide:

SI shall provide a comprehensive warranty and on-site free service warranty for 5 years from the date of Installation for all equipment & project components.

SI shall provide the performance warranty in respect of performance of the installed software developed by the SI to meet the performance requirements and service levels in the RFP.

SI is responsible for sizing and procuring the necessary IT compute Infrastructure and software licenses as per the performance requirements provided in the RFP. During the warranty period SI shall replace or augment or procure higher-level new equipment or additional licenses at no additional cost to the State in case the procured hardware or software is not adequate to meet the service levels.

During the warranty period SI shall maintain the systems and repair / replace at the installed site, at no charge

The SI shall ensure that the warranty complies with the agreed Technical Standards, Security Requirements, Operating Procedures, and Recovery Procedures.

Any component that is reported to be down on a given date should be either fully repaired or replaced by temporary substitute (of equivalent configuration) within the time frame indicated in the Service Level Agreement (SLA)

#### **Monitoring and Management Services**

The system integrator shall provide the following monitoring and management services for the DC

- ✓ Server Monitoring, Administration & Management Services
- ✓ Storage Administration & Management Services
- ✓ Backup & Restore Services
- ✓ Security Administration Services.

#### Server Monitoring, Administration & Management Services

The activities shall include but not limited to:

- ✓ Configuration of server parameters, operating systems administration and tuning.
- ✓ Operating system administration, including but not limited to management of users, processes, resource contention, preventive maintenance and management of updates & patches to ensure that the system is properly updated.
- ✓ Re-installation in the event of system crash/failures.
- ✓ Maintenance of a log of the performance monitoring of servers including but not limited to monitoring CPU, disk space, memory utilization, I/O utilization, etc.
- ✓ Event log analysis generated in all the sub systems including but not limited to servers, operating systems, databases, applications, security devices, messaging, etc.
- ✓ Ensuring that the logs are backed up and truncated at regular intervals.
- ✓ Periodic health check of the systems, troubleshooting problems, analysing and implementing rectification measures.
- ✓ Identification, diagnosis and resolution of problem areas and maintenance of assured SLA levels.
- ✓ Implementation and maintenance of standard operating procedures for maintenance of the infrastructure.
- ✓ Management of the user names, roles and passwords of all the relevant subsystems, including, but not limited to servers, applications, devices, etc.
- ✓ System administration activities shall include tasks including but not limited to setting up the servers, executing hardware and software updates when necessary., OS and application software platform installation, performance monitoring, fine tuning as per application requirement, coordination with software development team, etc.

#### Backup and Restore Services

The activities shall include but not limited to:

✓ Backup of operating system, database and application as per stipulated policies.

- ✓ Monitoring and enhancement of the performance of scheduled backups, schedule regular testing of backups and ensure adherence to related retention policies.
- ✓ Ensuring prompt execution of on-demand backups of volumes, files and database applications whenever required by department or in case of upgrades and configuration changes to the system.
- ✓ Real-time monitoring, log maintenance and reporting of backup status on a regular basis. Prompt problem resolution in case of failures in the backup processes.
- ✓ Media management including, but not limited to, tagging, cross-referencing, storing, logging, testing, and vaulting in fire proof cabinets.
- ✓ Ongoing support for file and volume restoration requests.
- ✓ A backup of all transactions shall be done so that in case of any disaster / emergency at the Data Centre.
- ✓ SI shall be responsible for supply, install, test & commission of the backup storage of the archival of data.

#### **Security Administration Services**

The activities to be carried out under security administration shall include, but not limited to:

- ✓ Addressing the ongoing needs of security management including, but not limited to, monitoring of various devices / tools such as firewall, intrusion detection, content filtering and blocking, virus protection, and vulnerability protection through implementation of proper patches and rules.
- ✓ Root domain administration by creating the root and sub-domains and setting the root level security policies such as authentication mechanisms (single/multi factor),
- ✓ Password policies such as password length, password complexity, password expiry, account lockout policy, certificate policies, IPSEC policies, etc.
- ✓ Maintaining an updated knowledge base of all the published security vulnerabilities and virus threats for related software and microcode, etc.
- ✓ Ensuring that patches / workarounds for identified vulnerabilities are patched / blocked immediately.
- ✓ Respond to security breaches or other security incidents and coordinate with respective OEMs in case of a new threat is observed to ensure that workaround / patch is made available for the same.
- ✓ Provide a well-designed access management system, security of physical and digital assets, data and network security, backup and recovery etc.
- ✓ Maintenance and management of security devices, including, but not limited to maintaining firewall services to restrict network protocols and traffic, detecting intrusions or unauthorized access to networks, systems, services, applications or data, protecting email gateways, firewalls, servers, from viruses.
- ✓ Ensuring that the security policy is maintained and updates to the same are made regularly as per ISO 270001, ISO 20000 and BS 15000 guidelines.
- ✓ Investigate All Suspicious Activities. ...
- ✓ Maintain Secure Monitoring Tools....
- ✓ Liaise With and Delegate to The Rest of The SOC Team. ...
- ✓ Review And Report on All Cybersecurity Processes. ...
- ✓ Keep All Security Programs and Resources Up to Date.

✓ Review, report, take corrective measures for all security incidents

#### Liaison with stakeholders

The SI shall coordinate and liaise with the key stakeholders of the project, respective departments, third party vendors engaged by the line departments for developing services covered under the Ease of doing business framework. Such coordination and liaison are highly critical to the success of the project.

#### Warranty and Support

The SI shall warrant that the IT Computing Infrastructure supplied for this Project shall have no defects arising from design or workmanship or any act or omission of the SI. The warranty shall remain valid for the Contract period on all the items supplied as per the Contract.

The SI shall replace any parts/ components of the IT infrastructure supplied for the Project if the components are defective and during the entire warranty period the SI shall apply latest upgrades for all the hardware components after appropriate testing. WTL will not pay any additional costs separately for warranty and the overall IT infrastructure cost quoted by the SI shall include the same.

The SI shall be held solely responsible for performance and service levels of any infrastructure deployed by the SI as part of this Contract.

#### **Knowledge Transfer**

At the end of the Contract period, the SI will be required to provide necessary handholding and transition support to designated staff or any other agency that is selected for maintaining the system post the Contract with the SI. The handholding support will include but not be limited to, conducting detailed walkthrough and demonstrations for the IT Applications, handing over all relevant documentation, addressing the queries/clarifications of the new agency with respect to the working / performance levels of the infrastructure, conducting training sessions etc.

Knowledge Transfer is an integral part of the scope of work of the SI. This will have to be done even in case the Contract with the Bidder ends or is terminated before the planned timelines.

Please note that the above requirements are only indicative but not exhaustive. If any other work involved in the assignment for the purpose of meeting the project objectives would be the responsibility of the SI.

#### **33. PERFORMANCE BANK GUARANTEE (PBG)**

As a guarantee for timely delivery, installation and commissioning of equipment as well as performance of on-site warranty support, as mentioned in Bill of Material, from the date of final acceptance of systems and pertaining to proper running of the systems, the bidder will have to submit 10% of the contract value as security in the form of Performance Bank Guarantee from any nationalized bank as per format enclosed (Section – S).

#### 34. SI/BIDDER/CONTRACTOR'S /OEM RESPONSIBILITIES

Refer Section -A (Scope of Work & Responsibility)

#### **35. NO WAIVER OF RIGHTS**

Neither the inspection by WTL or any of their agents nor any order by WTL for payment of money or any payment for or acceptance of the whole or any part of the works by WTL, nor any extension of time, nor any possession taken by WTL shall operate as a waiver of any provision of the contract or of

any power reserved to WTL, or any right to damages here in provided, nor shall any waiver of any breach in the contract be held to be a waiver of any other subsequent breach.

#### 36. GRAFTS, COMMISSIONS, GIFTS, ETC.

It is the Purchaser's policy to require that bidders, suppliers, contractors and consultants under contracts, observe the highest standard of ethics during the procurement and execution of such contracts. Any graft, commission, gift or advantage given, promised or offered by or on behalf of the contractor or his partner, agent, officers, director, employee or servant or any one on his or their behalf in relation to the obtaining or to the execution of this or any other contract with WTL shall in addition to any criminal liability which it may incur, subject the contractor to the cancellation of this and all other contracts and also to payment of any loss or damage to WTL resulting from any cancellation. WTL shall then be entitled to deduct the amount so payable from any monies otherwise due to the contractor under contract.

#### **37. ENFORCEMENT OF TERMS**

The failure of either party to enforce at any time any of the provision of this contract or any rights in respect thereto or to exercise any option here in provided shall in no way be construed to be a waiver to such provisions, rights or options or in any way to affect the validity of the contract. The exercise by either party of any of its rights herein shall not preclude or prejudice either party from exercising the same or any other right it may have hereunder.

#### 38. PERIOD OF VALIDITY OF OFFER

For the purpose of placing the order, the proposals shall remain valid till 180 days. During the period of validity of proposals, the rates quoted shall not change. In exceptional circumstances, WTL may ask for extension of the period of validity and such a request shall be binding on Bidders. WTL's request and the response to such a request by various Bidders shall be in writing. A Bidder agreeing to such an extension will not be permitted to increase its rates.

#### 39. TAXES & DUTIES

- The prices shall be inclusive of all taxes & levies including GST and other statutory duties as applicable. Rate of taxes should be indicated separately in the Price Bid.
- Contract Price specified in Price Bid should be based on the taxes & duties and charges prevailing at the date one day prior to the last date of Bid submission.
- Statutory deduction, wherever applicable, shall be made from invoice as per government rules. Necessary certificate will be issued for such deductions.
- Bidder submitting a bid shall produce valid statutory documents / certificates with respect to GST, Income Tax, ROC, Prof. Tax, Trade License, etc. All such documents / certificates shall remain valid on the last date of tender submission.
- In case of inter-state transaction, WTL will provide "Waybill". However, statutory charges, if any will be borne by the bidder.
- GST component of the invoice of the bidder may be kept on hold in case there ia any mismatch / irregularity in GST return filling on the part of the bidder.

#### 40. DISCREPANCIES IN BID

- Discrepancy between description in words and figures, the rate which corresponds to the words quoted by the bidder shall be taken as correct.
- Discrepancy in the amount quoted by the bidder due to calculation mistake of the unit rate then the unit rate shall be regarded as firm.
- Discrepancy in totaling or carry forward in the amount quoted by the bidder shall be corrected.

#### 41. BID DUE DATE

The online tender has to submitted not later than the due date and time specified in the Important Dates Sheet. WTL may as its discretion on giving reasonable notice by fax, or any other written communication to all prospective bidders who have been issued the bid documents, extend the bid due date, in which case all rights and obligations of the WTL and the bidders, previously subject to the bid due date, shall thereafter be subject to the new bid due date as extended.

#### 42. LATE BID

Any proposal received by WTL after the deadline for submission of proposals may not be accepted.

#### 43. OPENING OF BID BY WTL

Bids shall be opened and downloaded electronically through operation of the process in the e-Tender portal in presence of Tender Committee. Bidders interested to remain present during electronic bid opening may attend the bid opening session at WTL premises at scheduled date & time.

#### 44. CONTACTING WTL

Bidder shall not approach WTL officers beyond office hours and/or outside WTL office premises from the time of the Bid opening to the time of finalization of successful bidder. Any effort by bidder to influence WTL office in the decision on Bid evaluation, Bid comparison or finalization may result in rejection of the Bidder's offer. If the bidder wishes to bring additional information to the notice of WTL, it should be in writing following the procedure mentioned hereinabove.

#### 45. WTL'S RIGHT TO REJECT ANY OR ALL BIDS

WTL reserves the right to reject any bid and to annul the bidding process and reject all bids at any time prior to award of Contract, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

#### **46. BID CURRENCIES**

Prices shall be quoted in Indian Rupees, inclusive of all prevailing taxes, levies, duties, cess etc.

#### 47. PRICE

- Price should be quoted in the BOQ format only. No deviation is acceptable.
- Price quoted should be firm, inclusive of packing, forwarding, insurance and freight charges.
- Percentage/specified amount of taxes & duties should be clearly mentioned otherwise WTL reserves the right to reject such vague offer.

#### 48. CANVASSING

Canvassing or support in any form for the acceptance of any tender is strictly prohibited. Any bidder doing so will render him liable to penalties, which may include removal of this name from the register of approved Contractors.

#### 49. NON-TRANSFERABILITY OF TENDER

This tender document is not transferable.

#### **50. FORMATS AND SIGNING OF BID**

The original and all copies of the proposals shall be neatly typed and shall be signed by an authorized signatory(ies) on behalf of the Bidder. The authorization shall be provided by written Power of Attorney accompanying the proposal. All pages of the proposal, except for un-amended printed literature, shall be initialed by the person or persons signing the proposal. The proposal shall contain no interlineations, erase or overwriting. In order to correct errors made by the Bidder, all corrections shall be done & initialed with date by the authorized signatory after striking out the original words/figures completely.

#### **51. WITHDRAWAL OF BID**

Bid cannot be withdrawn during the interval between their submission and expiry of Bid's validity period. Fresh Bid may be called from eligible bidders for any additional item(s) of work not mentioned herein, if so required.

#### **52. INTERPRETATION OF DOCUMENTS**

If any bidder should find discrepancies or omission in the specifications or other tender documents, or if he should be in doubt as to the true meaning of any part thereof, he shall make a written request to the tender inviting authority for correction/clarification or interpretation or can put in a separate sheet along with his technical bid document.

#### **53. PREPARATION OF TENDER**

Tender shall be submitted in accordance with the following instructions:

- a) Tenders shall be submitted in the prescribed forms. Digital signatures shall be used. Where there is conflict between the words and the figures, the words shall govern.
- b) All notations must be in ink or type written. No erasing or overwriting will be permitted. Mistakes may be crossed out and corrections typed or written with ink adjacent thereto and must be initialed in ink by the person or persons signing the tender.
- c) Tenders shall not contain any recapitulation of the work to be done. Alternative proposals will not be considered unless called for. No written, oral, telegraphic or telephonic proposals for modifications will be acceptable.
- d) Tenders shall be uploaded as notified on or before the date and time set for the opening of tenders in the Notice Inviting Tenders.
- e) Tenders subject to any conditions or stipulations imposed by the bidder are liable to be rejected.
- f) Each and every page of the tender document must be signed with company seal by the bidder.
- g) Any bidder may withdraw his tender by written request at any time prior to the scheduled closing time for receipt of tenders and not thereafter.

#### 54. SPLITTING OF THE CONTRACT AND CURTAILMENT OF WORK

WTL reserve the right to split up and distribute the work among the successful bidders and to curtail any item of work in the schedule partly or fully.

#### **55. FINAL INSPECTION**

Final inspection will be carried by the authorized representative from WTL./ Department.

#### **56. SITE INSPECTION**

Bidder can inspect (at their own cost) the sites if required, for which they have to take necessary permission from WTL in writing.

#### **57. ERASURES OR ALTERNATIONS**

The offers with overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscript ions is not only signed by the authorized signatory of the bidder. There should be no hand-written material, corrections or alterations in the offer. Technical details must be completely filled up. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. The Customer may treat offers not adhering to these guidelines as unacceptable. The Customer may, at its discretion, waive any minor non-conformity or any minor irregularity in the offer. This shall be binding on all bidders and the Tender Committee reserves the right for such waivers.

#### 58. COMPLIANCE WITH LAW

The contractor hereto agrees that it shall comply with all applicable union, state and local laws, ordinances, regulations and codes in performing its obligations hereunder, including the procurement of licenses, permits certificates and payment of taxes where required. The contractor shall establish and maintain all proper records (particularly, but without limitation, accounting records) required by any law, code/practice of corporate policy applicable to it from time to time including records and returns as applicable under labor legislation.

#### **59. CLARIFICATION OF BIDS**

During evaluation of the bids, the Customer/Tender Committee, at its discretion may ask the bidder for clarification of its bid. The request for the clarification and the response shall be in writing (fax/email) and no change in the substance of the bid shall seek offered or permitted.

#### 60. DEEMED ACCEPTANCE

Deliverables will be deemed to be fully and finally accepted by the Department in the event Department has not submitted such Deliverable/Service Review Statement to Bidder/Implementation Partner before the expiration of the review period, or when Department uses the Deliverable in its business, whichever occurs earlier ("Deemed Acceptance").

#### **61. QUALITY CONTROL**

- The contractor is obliged to work closely with WTL and/or Department, act within its authority and abide by directive issued by them on implementation activities.
- The contractor will abide by the safety measures and free WTL and the concerned Department from all demands or responsibilities arising from accident/loss of life, the cause of which is due to their negligence. The bidder will pay all indemnities arising from such incidents and will not hold WTL and Department responsible.
- The contractor will treat as confidential all data and information about the system, obtained in the execution of its responsibilities in strict confidence and will not reveal such information to any party without the prior written approval of WTL/Department.
- WTL reserves the right to inspect all phases of contractor's operation to ensure conformity to the specifications. WTL shall have engineers, inspectors or other duly authorized representatives made known to the contractor, present during the progress of the work and such representatives shall have free access to the work at all times. The presence or absence of representatives of WTL does not relieve the contractor of the responsibility for quality control in all phases.
- The Court of Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

#### 62. GENERAL TERMS

- a) All the pages of the bid document including documents submitted therein must be duly signed and stamped failing which the offer shall be liable to be rejected.
- b) All the documents to be submitted by the bidder along with their offer should be duly authenticated by the person signing the offer and if at any point of time during procurement process or subsequently it is detected that documents submitted are forged/tampered/manipulated in any way, the total responsibility lies with the bidder and WTL reserves the full right to take action as may be deemed fit including rejection of the offer and such case is to be kept recorded for any future dealing with them.
- c) No Technical/Commercial clarification will be entertained after opening of the tender.
- d) Overwriting and erasures may make the tender liable for rejection if each of such overwriting/erasures/manuscription is not only signed by the authorized signatory of the

bidder. All overwriting should be separately written and signed by the authorized signatory of the bidder.

- e) Quantity mentioned in the tender document is indicative only and orders shall be placed subject to actual requirement. WTL reserve the right to increase or decrease the quantity specified in the tender.
- f) WTL reserve the right to reject or accept or withdraw the tender in full or part as the case may be without assigning the reasons thereof. No dispute of any kind can be raised the right of buyer in any court of law or elsewhere.
- g) WTL reserve the right to ask for clarification in the bid documents submitted by the bidder. Documents may be taken if decided by the committee.
- h) Supporting technical brochures/catalogues indicating each feature in respect of offered model and make must be submitted along with the offer, in absence of which the offer is liable to be ignored.
- i) No dispute by the bidders in regard to Technical/Commercial points will be entertained by WTL and decision taken by the Tender Committee will be final.
- j) Discrepancy in the amount quoted by the bidder due to calculation mistake, the unit rate shall be regarded as firm and the totaling or carry in the amount quoted by the bidder shall be corrected accordingly.
- k) The price offers shall remain firm within the currency of contract and no escalation of price will be allowed.
- The acceptance of the tender will rest with the accepting authority who is not bound to accept the lowest or any tender and reserves the right to reject in part or in full any or all tender(s) received and to split up the work among participants without assigning any reason thereof.
- m) The customer/WTL at its discretion may extend the deadline for the submission of Bids.
- n) The Court of Kolkata only will have the jurisdiction to deal with and decide any legal matters or dispute whatsoever arising out of the contract.

#### <u>SECTION – C</u>

#### **ELIGIBILITY CRITERIA**

- 1. The bidder / Group Company must be a company registered under Companies Act, 1956/2013 or Partnership or LLP or OPC or Proprietary Firm. Documentary (Certificate of incorporation/Relevant document) evidence to be submitted.
- 2. The bidder/ Group Company should have valid GST Registration Certificate & PAN. Bidder shall have to submit photocopy of the documents.
- 3. The bidder/group company shall have undertaken "Similar Nature of work" of at least two (02) orders each of an amount not less than Rs. 5 Crore, over the preceding seven financial years in Government Department /PSU/Autonomous Body /any reputed organization in the country. At lest one of such projects shall have been completed during the preceding seven financial years. Reference order copies for the project to be submitted.

#### OR

The bidder/group company shall have undertaken "Similar Nature of work" of at least five (04) orders totalling of an amount not less than Rs. 15 Crore, over the preceding Seven financial years in Government Department /PSU/Autonomous Body /any reputed organization in the country.

- 4. Bidder should submit escalation matrix with all details for resolutions of technical and administrative issues.
- 5. The bidder / Group Company should have an average annual turnover of not less than Rs. 100 Crore in the last five financial years (FY 2018-19, 2019-20, 2020-21, 2021-2022 & 2022-2023). Bidder shall have to submit Audited Accounts in support of their claim.
- 6. The bidder / Group Company should submit Manufacturer's tender specific authorizations for Central UPS System, Precision Air-conditioner System & Cold and Hot Aisle Containment system, Servers & Network Devices, Storage, Backup Device & Backup Software, Router, Hardware Load Balancer & WAF, Network Security Device must be submitted as per format enclosed (Section - L). Authorization to be submitted on OEM's letter head and signed by authorized signatory.
- The Bidder / Group Company must have certification for the following standards: ISO 9001:2015, ISO / IEC 27001:2013, ISO / IEC 20000-1:2018. Copy of valid Certificate to be submitted.
- 8. The bidder / Group Company shall submit Bid Form (Section F) duly signed by the authorized signatory of the company as per the format enclosed. Deviation in format may not be accepted.
- The bidder / Group Company shall not have been blacklisted by any State/Central Government or PSU Organization or bilateral/multilateral funding agencies for breach of ethical conduct or fraudulent practices as on date of submission of the proposal. Declaration on bidder's letter head to be submitted.
- 10. The bidder / Group Company shall submit NIT Declaration (Section T) duly signed by the authorized signatory of the company as per the format. Deviation in format may not be accepted.

#### <u>SECTION – D</u>

#### SERVICE LEVEL MANAGEMENT

#### **SERVICE LEVEL MANAGEMENT**

The purpose of this Service Level Agreement (hereinafter referred to as SLA) is to clearly define the levels of service which shall be provided by the SI to SIA for the duration of this contract.

The SI and SIA shall regularly review the performance of the services being provided by the SI and the effectiveness of this SLA

Note:

The purpose of this Service Level Agreement (hereinafter referred to as SLA) is to clearly define the levels of service which shall be provided by the SI to SIA for the duration of this contract. The SI and SIA shall regularly review the performance of the services being provided by the SI and the effectiveness of this SLA

#### 2.1. Definitions

For purposes of this Service Level Agreement, the definitions and terms as specified in the contract along with the following terms shall have the meanings set forth below:

• "Uptime" shall mean the time period for which the specified services / components with specified technical and service standards are available to the state and user departments. Uptime, in percentage, of any component (Non-IT & IT) can be calculated as:

Uptime = {1- [(Downtime) / (Total Time – Scheduled Maintenance Time)]} \* 100

- "Downtime" shall mean the time period for which the specified services / components with specified technical and service standards are not available to the state and user departments and excludes the scheduled outages planned in advance for the West Bengal State Data Center and the link failures that are SWO's responsibility.
- "Incident" refers to any event / abnormalities in the functioning of the Data Center Equipment / specified services that may lead to disruption in normal operations of the West Bengal State Data Center services.
- "Helpdesk Support" shall mean the 24x7 Center which shall handle Fault reporting, Trouble Ticketing and related enquiries during this contract.
- "Resolution Time" shall mean the time taken in resolving (diagnosing, troubleshooting and fixing) an incident after it has been reported at the helpdesk. The resolution time shall vary based on the severity of the incident reported at the help desk. The severity would be as follows:
  - Critical Production server or other mission critical system(s) are down and no workaround is immediately available. All or a substantial portion of your mission critical data is at a significant risk of loss or corruption. You have had a substantial loss of service. Your business operations have been severely disrupted.
  - Medium Operations can continue in a restricted fashion, although long-term productivity might be adversely affected. A major milestone is at risk. Ongoing and incremental installations are affected. A temporary workaround is available.

• Low - Partial, non-critical loss of functionality of the software. Impaired operations of some components, but allows the user to continue using the software. Initial installation milestones are at minimal risk.

#### 2.2. Category of SLAs

This SLA document provides for minimum level of services required as per contractual obligations based on performance indicators and measurements for the WBSDC Infrastructure (IT and Non-IT) The SI shall ensure provisioning of all required services while monitoring the performance of the same to effectively comply with the performance levels. The services provided by the SI shall be reviewed by the West Bengal Electronics Industry Development Corporation Limited that shall:

- Regularly check performance of the SI against this SLA.
- Discuss escalated problems, new issues and matters still outstanding for resolution.
- Review of statistics related to rectification of outstanding faults and agreed changes.
- Obtain suggestions for changes to improve the service levels.

#### The SLA has been set on:

#### 2.2.1. Implementation Service levels

The following measurements and targets shall be used to track and report the implementation performance on a regular basis. The targets shown in the following table are applicable for the duration of the contract. All the targets for the completion of the implementation activity are calculated on a weekly basis. Please note that the Bidder should provide comprehensive, end-to-end service to implement the SDC Infrastructure, including replacement of the equipment in case of physical damage. No reason shall be entertained (unless those mentioned in Force Majeure) in case of unavailability of any service given in the scope of work in this CONTRACT and the appropriate penalty shall be levied.

#### > Implementation Service Levels

#### Table 1: Implementation Service Levels

Measurement	Target	Severity	Penalty	
Civil Work Installation of all Non-IT Components and Installation, integration and migration of all IT Components, Integrated Testing and Final Acceptance test (FAT)completed and handing over.	12 weeks from the date of Work Order	Critical	A Penalty as 1% per week for every week delay in PAT. Subject to a maximum of 10% Penalty will be computed on the remaining milestone activity	

For purposes of this Service Level Agreement, the definitions and terms as specified in the contract along with the following terms shall have the meanings set forth below:

• "Uptime" shall mean the time period for which the specified services / components with specified technical and service standards are available to the state and user departments. Uptime, in percentage, of any component (Non IT & IT) can be calculated as:

Uptime = {1- [(Downtime) / (Total Time – Scheduled Maintenance Time)]} \* 100

- "Downtime" shall mean the time period for which the specified services / components with specified technical and service standards are not available to the state and user departments and excludes the scheduled outages planned in advance for the West Bengal State Data Center and the link failures that are SWO's responsibility.
- "Incident" refers to any event / abnormalities in the functioning of the Data Center Equipment / specified services that may lead to disruption in normal operations of the West Bengal State Data Center services.
- "Helpdesk Support" shall mean the 24x7 center which shall handle Fault reporting, Trouble Ticketing and related enquiries during this contract.
- "Resolution Time" shall mean the time taken in resolving (diagnosing, troubleshooting and fixing) an incident after it has been reported at the helpdesk. The resolution time shall vary based on the severity of the incident reported at the help desk. The severity would be as follows:
  - a) Critical: Incidents whose resolution shall require additional investment in components or time or shall involve coordination with OEMs. These incidents shall impact the overall functioning of the SDC. For example, purchase of printer, router, software bug fixing etc.
  - b) Medium: Incidents, whose resolution shall require replacement of hardware or software parts, requiring significant interruption in working of that individual component. For example, installation of operating system, replacement of switch etc.
  - c) Low: Incidents whose resolution shall require changes in configuration of hardware or software, which will not significantly interrupt working of that component. For example, installation of printer on a client etc.

#### 2.2.2. Operation& Maintenance Service levels

#### IT Infrastructure Service

#### Levels

Following outlines the service level indicators & and the target performance levels to be maintained by the Agency during the contract period. These SLAs shall be strictly imposed and athird party audit/certification agency shall be deployed for certifying the performance of the Agency against the target performance metrics as outlined in the table below:

#### **Table 2: IT Infrastructure Service Levels**

S1. No.	Measurement	Target	Severity	Penalty	
	Individual Server and VM Availability (including the OS, database and web/app servers which are supplied / installed and maintained by SI for hosting the web portal)	>= 99.749%	<u>Critical</u>	No Penalty	
		>=99 % <99.749%		1% of the QGR	
1		>=98 % < 99 %		2% of the QGR	
		>=95 % < 98%		3% of the QGR	
		< 95 %		Maximum of 5 of the QGR can be imposed	
	Backup Device Availability	>= 99.749%	<u>Critical</u>	No Penalty	
		>=99 % <99.749%		1% of the QGR	
		>=98 % < 99 %		2% of the QGR	
2		>=95 % < 98%		5% of the QGR	
2		< 95 %		Maximum of 10 % of the QGR can be imposed	
		< 95 %		Maximum of 10 % of the QGR can be	

S1. No.	Measurement	Target	Severity	Penalty
				imposed
		>= 99.749%		No Penalty
		>=99 % <99.749%		2% of the QGR
	LAN Availability (Active and	>=98 % < 99 %	]	5% of the QGR
3	passive Components of WBDC)	>=95 % < 98%	<u>Critical</u>	8% of the QGR
		< 95 %		Maximum of 10 % of the QGR can be imposed
4	Restore the backed up databases/ applications etc. to be initiated within 2 hours of request	Full Restore	Medium	1% of the QGR for > 5 violations of service parameter on every QGR
	Scheduled downtime for Preventive maintenance Per Week, if any	Notification of >= 7 days in advance		No Penalty
5	<ul> <li>lam to 3am on Sundays</li> <li>Any further requirement for scheduled downtime</li> </ul>	Notification of less than 7 days	<u>Medium</u>	0.5% of the QGR

#### Note: Equipment Availability Related penalties shall be governed by the following conditions:

- The Penalty shall be calculated on a quarterly basis.
- If the SLAs drop below the lower limits specified for each component in the table above, it will be governed by the event of default / penalty clause as specified under "Section D: Instruction to the bidder" of the NIT.

#### **Compliance and Reporting Process Service Levels**

#### **Table 3 : Reporting Process Service Levels**

S1. No.	Measurement	Target	Severity	Penalty
1	Submission of MIS reports. The SI shall submit the MIS reports as requested by SIA	Report for previous month to be submitted by 7 <sup>th</sup> of next Month	Medium	1% of the QCR for every 1 day of delay in submission of incremental basis to a maximum of 5%
2	ImplementingChangeRequests:TheSIwouldimplementapprovedchangerequestwithin2daysapproval	100% of all approved change requests	Medium	1% of QGR for >5 violations of Service Parameter

These SLAs would be calculated for each of the following types of incidences:

- Virus Attack- Any virus infection and passing of malicious code shall be monitored at the gateway level or user complains of virus infection shall be logged at the help desk system and collated every
- ' quarter.
- Denial of Service Attack Non availability of any services shall be analyzed and forensic evidence shall be examined to check whether it was due to external DoS attack. Intrusion Compromise of any kind of data hosted by SDC
- SPAM statistics on monthly basis shall be monitored through reports generated by Anti-SPAM software.
- Any other security related threat

#### **Cloud Management Related SLA**

#### **Table 4 : Virtual infrastructure related Service Levels**

Sl. No.	Measurement	Target	Severity	Penalty
1.	Provisioning and De- provisioning of Virtual Machines	Within 30 Minutes after the approval of the request by the concerned Authority	Medium	0.5% of the QGR for every 1 hours or part delay beyond the target time. To the maximum capping of 5 hrs. Beyond 5 hours, 1% of the QGR for every 1 hour.
2.	Cloud layer Availability	99.749%	Critical	99.25% – 99.749% - 1% of QGR 98.75% - 99.25% - 2% of QGR Subsequently, every 0.5% drop in SLA criteria – 2% of QGR The component availability will be measured by following formula: Component Availability % age = {(Agreed Service Time for the component– Down Time of the component)/ (Agreed Service time for the component)}*(100%)
3.	Data/VM Backup success per day	100% 96-99% 90-95.9%	Critical	No penalty 1% of QGR 5% of QGR

#### **Table 5 : Patch Management SLA**

Measurement	Target	Severity	Penalty
Patch Management	Critical Patches to be implemented within 10 days of patch release	Medium	0.05% of QGR
	Non Critical Patches to be implemented within 15 days of patch release	Low	0.01% of QGR
	Optional Patches to be implemented within 30 days of patch release	Low	0.01% of QGR

#### **SLA Review Process**

Either SIA or SI may raise an issue by documenting the business or technical problem, which presents a reasonably objective summary of both points of views and identifies specific points of disagreement with possible solutions.

- A meeting or conference call will be conducted to resolve the issue in a timely manner. The documented issues will be distributed to the participants at least 24 hours prior to the discussion if the issue is not an emergency requiring immediate attention.
- The SIA and the SI shall develop an interim solution, if required, and subsequently the permanent solution for the problem at hand. The SI will then communicate the resolution to all interested parties.
- Incase the issue is still unresolved; the arbitration procedures described in the Terms & Conditions section will be applicable.

#### 2.3.1. Penalties are subject to:

- Maximum cumulative of 10% penalty (except Table No. 9) can be levied on the value of contract (exclusive of taxes) for reasons that are solely applicable to the SI
- In the event of exceeding 20% penalty, it will be deemed to be an event of default and can lead to termination.
- In the case of maximum Penalty of 10% being calculated for the SLA breaches by the SI for four consecutive QGR due to breach of service level as per the agreement, then the performance of the SI will be reviewed and also may be subjected to Termination of the order for the FMS Period. In such case, the provisions of the Termination clause as per the agreement shall apply.

Comp	Computation of other Penalty except manpower					
Sl. No	<b>SLA Description</b>	Penalty (%)	Remarks	Priority		
1	Individual Server and VM Availability					
2	Backup Device Availability					
3	LAN Availability (Active and passive Components of WBDC)					
4	Provisioning and De-provisioning of Virtual Machines					
5	Cloud layer Availability					
6	Data/VM Backup success per day					
7	Patch Management					

#### SAMPLE SLA AUDIT REPORT

### <u>SECTION – E</u>

#### DATE AND TIME SCHEDULE

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	16.01.2024
2	Documents download/sale start date (Online)	16.01.2024
3	Last Date and time of sending the queries (Offline / e- mail)	22.01.2024 at 15.00 hrs.
4	Pre Bid Meeting (On Line)	24.01.2024 at 15.00 hrs.
5	Corrigendum, if any will be published (On Line)	-
6	Bid Submission start date & time (On line)	01.02.2024 at 14.00 Hrs.
7	Last Date & time of submission of Earnest Money Deposit & submission of remittance details	Before uploading of tender
8	Last Date & time of submission of Tender Fee & submission of remittance details	Before uploading of tender
9	Bid Submission closing date & time (On line)	06.02.2024 at 12.00 Hrs.
10	Bid opening date & time for Technical Proposals (Online)	08.02.2024 at 12.00 Hrs.
11	Date of uploading the final list of Technically Qualified Bidder (online) after disposal of appeals, if any	-
12	Date for opening of Financial Bid (Online)	-

### <u>SECTION – F</u>

#### **BID FORM**

(Bidders are requested to furnish the Bid Form in the Format given in this section, filling the entire Blank and to be submitted on Letter Head in original)

To Webel Technology Limited Plot – 5, Block – BP, Sector – V, Salt Lake City, <u>Kolkata – 700091.</u>

#### <u>Sub: Selection of System Integrator for Support Updradation / Technical refreshment and</u> enhancement of existing IT & Non-IT Data Center Infrastructure installed at 1<sup>st</sup> & 2<sup>nd</sup> Floor of the West <u>Bengal State Data Center, Monibhandar.</u>

Dear Sir,

We the undersigned bidder/(s), having read and examined in details the specifications and other documents of the subject tender no. WTL/WBSDC/DC/23-24/056 dated 16.01.2024, do hereby propose to execute the job as per specification as set forth in your Bid documents.

- The prices of all items stated in the bid are firm during the entire period of job irrespective of date of completion and not subject to any price adjusted as per in line with the bidding documents. All prices and other terms & conditions of this proposal are valid for a period of 180 (one hundred eighty) days from the date of opening of bid. We further declare that prices stated in our proposal are in accordance with your bidding.
- 2. We confirm that our bid prices include all other taxes and duties and levies applicable on bought out components, materials, equipments and other items and confirm that any such taxes, duties and levies additionally payable shall be to our account.
- 3. Earnest Money Deposit & Tender Fee: We have transferred the Tender Fee amount online through e-Tender Portal. We have enclosed EMD / BID SECURITY remittance details.
- 4. We declare that items shall be executed strictly in accordance with the specifications and documents irrespective of whatever has been stated to the contrary anywhere else in our proposal. Further, we agree that additional conditions, deviations, if any, found in the proposal documents other than those stated in our deviation schedule, save that pertaining to any rebates offered shall not be given effect to.
- 5. If this proposal is accepted by you, we agree to provide services and complete the entire work, in accordance with schedule indicated in the proposal. We fully understand that the work completion schedule stipulated in the proposal is the essence of the job, if awarded.
- 6. We further agree that if our proposal is accepted, we shall provide a Performance Bank Guarantee of the value equivalent to three percent (10%) of the Order value as stipulated in Financial Bid (BOQ).
- 7. We agree that WTL reserves the right to accept in full/part or reject any or all the bids received without any explanation to bidders and his decision on the subject will be final and binding on Bidder.

Thanking you, we remain,

Yours faithfully

Signature

Name in full

Designation

#### **Signature & Authorized Verified by**

Signature Name in full Designation Company Stamp

Dated, this ......day of .....2024

### <u>SECTION – G</u>

#### **TECHNO COMMERCIAL EVALUATION & AWARDING OF CONTRACT**

#### **1. EVALUATION PROCEDURE**

- The Eligibility Criteria (Section C) will be evaluated by Tender Committee and those qualify will be considered for further evaluation.
- The Tender Committee shall verify the Technical Specification (Technical Specification with Compliance Statement, Section K) Deviation in specification shall not be allowed. Bidder qualified in Technical Specification shall be considered for further evaluation.
- After qualifying in Technical Specification, qualified bidders will only be considered for Financial Bid evaluation.

#### 2. FINAL EVALUATION

Financial Proposal of the bidders qualifying in the evaluation of Technical specification will be evaluated. The bidder who has qualified in the Technical Specification evaluation and returns with lowest quote (L1) in financial bid would normally be awarded the contract subject to Post Qualification.

#### 3. AWARDING OF CONTRACT

An affirmative Post Qualification determination will be prerequisite for award of the contract to the lowest quoted bidder. A negative determination will result in rejection of bidder's bid, in which event the WTL will proceed to the next lowest evaluated bidder to make a similar determination of that bidder's capability to perform satisfactorily. The successful bidder (s) will have to give security deposit in the form of Performance Bank Guarantee.

#### 4. POST QUALIFICATION

The determination will evaluate the Bidder's financial, technical, design, integration, customization, production, management and support capabilities and will be based on an examination of the documentary evidence of the Bidder's qualification, as well as other information WTL deems necessary and appropriate. This determination may include visits or interviews with the Bidder's client's reference in its bid, site inspection, and any other measures. At the time of post-qualification, Directorate of es may also carry out tests to determine that the performance or functionality of the Information System offered meets those stated in the detailed Technical Specification.

### <u>SECTION – H</u>

#### **GUIDANCE FOR E-TENDERING**

Instructions / Guidelines for electronic submission of the tenders have been annexed for assisting the Bidders to participate in e-Tendering.

#### • Registration of Bidder:

Any Bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System through logging on to **https://wbtenders.gov.in**. The Bidder is to click on the link for e-Tendering site as given on the web portal.

#### • Digital Signature Certificate (DSC):

Each Bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated above. DSC is given as a USB e-Token.

• The Bidder can search & download N.I.T. & BOQ electronically from computer once he logs on to the website mentioned above using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

#### • Participation in more than one work:

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If, found to be applied severally in a single job all the applications will be rejected.

#### • Submission of Tenders:

Tenders are to be submitted through online to the website stated above in two folders at a time, one in Techno Commercial Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats)

The proposal should contain scanned copies of the following in two covers (folders).

#### Techno Commercial Cover:

#### Technical Document1 (scanned & join in pdf format then upload)

- 1. Copy of Remittance details of Earnest Money Deposit (EMD / BID SECURITY)
- 2. Copy of Remittance details of Tender Fee

#### Technical Document2 (scanned & join in pdf format then upload)

- 1. NIT Declaration duly stamped & signed in letter head, Section T
- 2. Bid Form as per format (Section F)

#### Technical Compliance (scanned &joins in pdf format then upload)

- 1. Manufacturer Authorization Form
- 2. Technical Specification & Compliance Statement (Section K)

#### Financial Cover:

BOQ will be downloaded and same will be uploaded with quoted rates. While uploading BOQ file name shall remain unchanged. Absence of this document shall lead to summary rejection of the bid.

#### NON-STATUTARY COVER (MY SPACE) CONTAIN FOLLOWING DOCUMENT:

(In each folder, scanned coy will be uploaded with single file having multiple pages)

Sl. No.	Category Name	Sub Category Name	Sub Category Description
A	CERTIFICATES	A1. CERTIFICATES	<ul> <li>GST Registration Certificate</li> <li>PAN</li> <li>Trade License</li> <li>Degreent as per Section - C</li> </ul>
В	COMPANY DETAILS	B1. COMPANY DETAILS 1 B2. COMPANY DETAILS 2	<ul> <li>Document as per Section - C</li> <li>Document as per Section - C</li> <li>Document as per Section - C</li> <li>Company Profile (Not more than 3 pages)</li> <li>Document as per Section - C</li> </ul>
С	CREDENTIAL	CREDENTIAL 1	Order copy & performance certificate as per Section – C
		CREDENTIAL 2	Other documents, if any
D	DECLARATION	DECLARATION 1	• List of Clients as per format (Section – Q)
		DECLARATION 2	Financial Capability of Bidder as per format (Section – N)
		DECLARATION 3	Bidder's Details as per format (Section – O)
		DECLARATION 4	Details of Order Executed as per format (Section – M)
		DECLARATION 5	Document as per Section – C Financial document as per Section – C
F	FINANCIAL INFO	P/L & BALANCE	P/L & BALANCE SHEET 2018-2019
			P/L & BALANCE SHEET 2019-2020
			P/L & BALANCE SHEET 2020-2021
			P/L & BALANCE SHEET 2021-2022
			P/L & BALANCE SHEET 2022-2023

## <u>SECTION – I</u>

### **EXISTING INFRASTRUCTURE DETAILS**

## 1) Existing Civil Infrastructure at 1<sup>st</sup> Floor & 2<sup>nd</sup> Floor of West Bengal State Data Center, Monibhandar

Sl. No.	Item Description	Floor Name	Qty.	Required extended Warranty up to
1	Maintenance of existing False Floor infrastructure	1 <sup>st</sup> Floor Server Room, 1 <sup>st</sup> Floor Electrical & Battery Room, 2 <sup>nd</sup> Floor Server Room, 2 <sup>nd</sup> Floor NOC Room	1 <sup>st</sup> Floor 1512 Sq. ft. Electrical & Battery Room – 300 sq. ft. – 2 <sup>nd</sup> Floor – 3820 sq. ft. 2 <sup>nd</sup> Floor NOC Room – 450 sq. ft.	30/06/2027
2	Maintenance of existing Ramp infrastructure	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor Server Room and 1 <sup>st</sup> Floor Electrical & Battery Room	4 Nos. Ramp	30/06/2027
3	Maintenance of existing False Ceiling infrastructure (Grid Ceiling & Mineral Fiber Ceiling infrastructure)	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor	Grid Ceiling at 1 <sup>st</sup> Floor Server Room – 1500 Sq. ft Mineral Fiber Celling – 3000 sq. ft.	30/06/2027
4	Maintenance of existing Fire rated Doors	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor	7 Nos. (5 dual door + 2 single door)	30/06/2027
5	Maintenance of existing Other Doors	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor	14 Nos. Aluminum Frame with Glass door	30/06/2027
6	Maintenance of existing Workstation Infrastructure	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor	Existing fixed workstation at 1 <sup>st</sup> Floor (500 sq. ft), 1 <sup>st</sup> Floor existing BMS Room, two nos. conference table, Cabinet at 1 <sup>st</sup> Floor. Office Chair: 40 Nos., Office Table: 27 Nos., Drawer: 27 Nos., Sofa: 1 Seater 2 Nos., 3-seater: 1 No. Central Table - 1No., Reception Table: 1 No. & Shoe Rack: 1 No.	30/06/2027
7	Maintenance of other Civil Infrastructure (Reception, Toilet and other area of WBSDC)	1 <sup>st</sup> Floor & 2 <sup>nd</sup> Floor		30/06/2027

### 2) Existing Electrical Infrastructure installed at 1<sup>st</sup> Floor & 2<sup>nd</sup> Floor of West Bengal State Data Center, Monibhandar

SI. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
	Main LT Panel (ACB, MCCB)	Electro Allied Products/Schneider	Customize	NA	19/05/2024	30/06/2027
	Tr. Incomer 1 ACB MCCB	Schneider Electric	Master Pact NT/NW	03118309	19/05/2024	30/06/2027
	DG Incomer ACB MCCB	Schneider Electric	Master Pact NT/NW	03118310	19/05/2024	30/06/2027
1	UPS-1 (200 KVA) MCCB	Schneider Electric	Compact NSX	3N174850687	19/05/2024	30/06/2027
	PAC DB(Primary) MCCB	Schneider Electric	Compact NSX	3N172630984	19/05/2024	30/06/2027
	Raw water DB MCCB	Schneider Electric	Compact NSX	3N171130282	19/05/2024	30/06/2027
	UPS-1 (20 KVA) MCCB	Schneider Electric	Compact NSX	3N172010088	19/05/2024	30/06/2027
	Spare MCCB	Schneider Electric	Compact NSX	3N174850690	19/05/2024	30/06/2027

	Spare MCCB	Schneider Electric	Compact NSX	3N171130288	19/05/2024	30/06/2027
	Spare MCCB	Schneider Electric	Compact NSX	3N172010067	19/05/2024	30/06/2027
	Bus Coupler ACB	Schneider Electric	Master Pact NT/NW	NA	19/05/2024	30/06/2027
	UPS2 (20KVA) MCCB	Schneider Electric	Compact NSX	3N174860520	19/05/2024	30/06/2027
	PAC DB(secondary) MCCB	Schneider Electric	Compact NSX	3N174850679	19/05/2024	30/06/2027
	UPS-2 (200KVA) MCCB	Schneider Electric	Compact NSX	3N171020199	19/05/2024	30/06/2027
	Spare MCCB	Schneider Electric	Compact NSX	3N171020202	19/05/2024	30/06/2027
	Lighting DB MCCB	Schneider Electric	Compact NSX	3N171130285	19/05/2024	30/06/2027
	Emergency Lighting DB MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	Tr. Incomer 2 ACB	Schneider Electric	Master Pact NT/NW	NA	19/05/2024	30/06/2027
	PAC DB (RAW Power DB)	Electro Allied Products/Schneider	Customize	NA	19/05/2024	30/06/2027
	Incomer 1 MCCB	Schneider Electric	Compact NSX	3N174620915	19/05/2024	30/06/2027
	PAC-01 (primary) MCCB	Schneider Electric	Compact NSX	3N173430260	19/05/2024	30/06/2027
	PAC-02 (primary) MCCB	Schneider Electric	Compact NSX	3N183841145	19/05/2024	30/06/2027
	PAC-03 (primary) MCCB	Schneider Electric	Compact NSX	3N171020497	19/05/2024	30/06/2027
	PAC-04 (primary) MCCB	Schneider Electric	Compact NSX	3N162040828	19/05/2024	30/06/2027
	PAC-05 (primary) MCCB	Schneider Electric	Compact NSX	3N183840343	19/05/2024	30/06/2027
	PAC-06 (primary) MCCB	Schneider Electric	Compact NSX	3N183841147	19/05/2024	30/06/2027
	AC DB -1 MCCB	Schneider Electric	Compact NSX	3N162040830	19/05/2024	30/06/2027
	CAC (MUX Room & Electrical Room) MCCB	Schneider Electric	Compact NSX	3N183841148	19/05/2024	30/06/2027
2	PAC -06 (secondary) MCCB	Schneider Electric	Compact NSX	3N183841152	19/05/2024	30/06/2027
	AC DB -2 MCCB	Schneider Electric	Compact NSX	3N183840345	19/05/2024	30/06/2027
	ECM FAN & Active tiles MCCB	Schneider Electric	Compact NSX	3N161530861	19/05/2024	30/06/2027
	Incomer-2 MCCB	Schneider Electric	Compact NSX	3N174620918	19/05/2024	30/06/2027
	PAC-01 (secondary) MCCB	Schneider Electric	Compact NSX	3N183840353	19/05/2024	30/06/2027
	PAC-02 (secondary) MCCB	Schneider Electric	Compact NSX	3N161740348	19/05/2024	30/06/2027
	PAC-03 (secondary) MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	PAC-04 (secondary) MCCB	Schneider Electric	Compact NSX	3N183841155	19/05/2024	30/06/2027
	PAC-05 (secondary) MCCB	Schneider Electric	Compact NSX	3N183841150	19/05/2024	30/06/2027
	Communication FDR MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	SLD FEEDS MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	Communication FDR MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	UPS DB-P (200 KVA)	Electro Allied Products/Schneider	Customize	NA	19/05/2024	30/06/2027
	Incomer-1 MCCB	Schneider Electric	Compact NSX	3N173210487	19/05/2024	30/06/2027
	Server DB-4 (Primary) MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	Server DB-3 (Primary) MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
3	Spare MCCB	Schneider Electric	Compact NSX	3N173420014	19/05/2024	30/06/2027
5	Incomer 2 MCCB	Schneider Electric	Compact NSX	3N173210485	19/05/2024	30/06/2027
	Server DB-1 (Primary) MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	Server DB-2 (Primary) MCCB	Schneider Electric	Compact NSX	3N173420016	19/05/2024	30/06/2027
	Spare MCCB	Schneider Electric	Compact NSX	3N182240457	19/05/2024	30/06/2027
	Communication FDR	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
	SLD feeds MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
4	UPS DB-S (160 KVA)	Electro Allied Products/Schneider	Customize	NA	19/05/2024	30/06/2027
						17

Incomer MCCB         Schneider Electric         Compact NSX         3N174620912         19/05/2024         30/06/2027           Server DB-7 (Secondary)         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Server DB-1 (Secondary)         Schneider Electric         Compact NSX         3N182422626         19/05/2024         30/06/2027           Server DB-3 (Secondary)         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Server DB-3 (Secondary)         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Tocomer -1 MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           NG 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Controller (ACB)         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/K         Schneider Electric         Mas		MCCB for Secondary UPS fixed in 160 kVA UPS O/P Panel	Schneider	Master Pact NT/NW	NA	19/05/2024	30/06/2027
MCCB         Compact NSA         NA         19/05/2024         30/06/2027           Server DB-1 (Secondary)         Schneider Electric         Compact NSX         3N182422626         19/05/2024         30/06/2027           Server DB-1 (Secondary)         Schneider Electric         Compact NSX         3N182422427         19/05/2024         30/06/2027           Server DB-3 (Secondary)         Schneider Electric         Compact NSX         3N182422427         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         3N182422425         19/05/2024         30/06/2027           Communication FDR         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Incomer -1 MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           DG NYNC PANEL (B00A         Schneider Electric         Master Pact NT/NW         03118170         19/05/2024         30/06/2027           DG IN-1 (ACB)         Schneider Electric         Master Pact NT/N			Schneider Electric	Compact NSX	3N174620912	19/05/2024	30/06/2027
MCCB         Schneider Richtle         Compact NSA         SN 162422020         19/05/2024         30/06/2027           Server DB-3 (Secondary)         Schneider Electric         Compact NSX         NN         19/05/2024         30/06/2027           MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         SN 182422425         19/05/2024         30/06/2027           Communication FDR         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Incomer -1 MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Master Pact NT/NW         03118170         19/05/2024         30/06/2027           DC IN -1 (ACB)         Schneider Electric         Master Pact NT/NW         03118305         19/05/2024         30/06/2027           SPARK (ACB)         Schneider Electric         Master Pact NT/NW		МССВ	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
MCCB         Schneider Richtle         Compact NSA         SN 162200205         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         3N 182422425         19/05/2024         30/06/2027           Communication FDR         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Incomer -1 MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Incomer -1 MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Master Pact NT/NW         03118170         19/05/2024         30/06/2027           EXISTING PANEL-2 (ACB)         Schneider Electric         Master Pact NT/NW         03118305         19/05/2024         30/06/2027           SPARE (ACB)         Schneider Electric         Master Pact NT/NW <td></td> <td>МССВ</td> <td>Schneider Electric</td> <td>Compact NSX</td> <td>3N182422626</td> <td>19/05/2024</td> <td>30/06/2027</td>		МССВ	Schneider Electric	Compact NSX	3N182422626	19/05/2024	30/06/2027
MCCB         Schneider Bietric         Compact NSA         NA         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         3N182422427         19/05/2024         30/06/2027           Spare MCCB         Schneider Electric         Compact NSX         3N182422425         19/05/2024         30/06/2027           Communication FDR         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Incomer -1 MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           Incomer -2 MCCB         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Compact NSX         NA         19/05/2024         30/06/2027           MCB 0/G         Schneider Electric         Master Pact NT/NW         03118155         19/05/2024         30/06/2027           DG IN-1 (ACB)         Schneider Electric         Master Pact NT/NW         03118155         19/05/2024         30/06/2027           DG IN-2 (ACB)         Schneider Electric         Master Pact NT/NW         03118105         19/05/2024         30/06/2027           DG IN-3 (ACB)         Schneider Electric         Master Pact		МССВ	Schneider Electric	Compact NSX	3N182260285	19/05/2024	30/06/2027
Spare MCCBSchneider ElectricCompact NSX3N18242242519/05/202430/06/2027Communication FDRSchneider ElectricCompact NSXNA19/05/202430/06/20271Incomer -1 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/20271Incomer -2 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB 0/GSchneider ElectricMaster Pact NT/NW0311817019/05/202430/06/2027DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311830519/05/202430/06/2027DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311830519/05/202430/06/2027DG IN-2 (ACB)Schneider ElectricMaster Pact NT/NW0311831619/05/202430/06/2027DG IN-3 (ACB)Schneider ElectricMaster Pact NT/NW0311831519/05/202430/06/2027DG IN-2 (ACB)Schneider ElectricMaster Pact NT/NW0311831619/05/202430/06/2027JD IN-1Schneider ElectricMaster Pact NT/NW0311831619/05/202430/06/2027JD IS NATE (ACB)Schneider ElectricMaster Pact NT/NW0311831619/05/202430/06/2027JD IS NATE (ACB)Schneider ElectricMaster Pact NT/NW0311831619/05/202430/06/2027J			Schneider Electric	Compact NSX	NA	19/05/2024	
Communication FDRSchneider ElectricCompact NSXNA19/05/202430/06/20275UPS DB (20 KVA)Electro Allied Product/SchneiderielCustomizeNA19/05/202430/06/20275Incomer -1 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/20271ncomer -2 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027ACB, Woodward-DG Sync Controller) (ACB)Schneider ElectricMaster Pact NT/NW0311817519/05/202430/06/2027DG N-1 (ACB)Schneider ElectricMaster Pact NT/NW0311813519/05/202430/06/2027DG N-1 (ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/2027DG N-3 (ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/2027DG N-3 (ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/2027SPARE (ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202710 Gar-1 GF(ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/20272Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202710Incomer-3 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/202711Incomer-3 GF(ACB)Schneider Elec		Spare MCCB	Schneider Electric	Compact NSX	3N182422427	19/05/2024	30/06/2027
UPS DB (20 KVA)Electro Allied Products/SchneiderCustomizeNA19/05/202430/06/20271Incomer -1 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/20271Incomer -2 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/20270MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/202700Schneider ElectricCompact NSXNA19/05/202430/06/202700Schneider ElectricMaster Pact NT/NW0311817019/05/202430/06/202700IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311830519/05/202430/06/20270DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311831019/05/202430/06/20270DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202710Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202720Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202731Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202731Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202731Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/202731Incomer-1 GF(ACB)Schn		Spare MCCB	Schneider Electric	Compact NSX	3N182422425	19/05/2024	30/06/2027
Dis Dis (Z VA)Products/SchneiderCustomizeNA19/05/202430/06/20271ncomer -1 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB Voodward-DG Sync Controller) (ACB)Schneider ElectricMaster Pact NT/NW0311815019/05/202430/06/2027EXISTING PANEL-1 (ACB)Schneider ElectricMaster Pact NT/NW0311830519/05/202430/06/2027DG IN- 2 (ACB)Schneider ElectricMaster Pact NT/NW0311830619/05/202430/06/2027DG IN- 2 (ACB)Schneider ElectricMaster Pact NT/NW0311830619/05/202430/06/2027DG IN- 2 (ACB)Schneider ElectricMaster Pact NT/NW0311815019/05/202430/06/2027SPARE (ACB)Schneider ElectricMaster Pact NT/NW0311815019/05/202430/06/2027SPARE (ACB)Schneider ElectricMaster Pact NT/NW03118178919/05/202430/06/20279Cooling Optimize PanelSchneider ElectricMaster Pact NT/NWNA19/05/202430/06/202710Earth Pits for 2nd FloorNANAQuy19/05/202430/06/202711Earth Pits for DG AreaNANAQuy30/06/202230/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/0		Communication FDR	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
Incomer -2 MCCBSchneider ElectricCompact NSXNA19/05/202430/06/2027MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027DG SYNC PANEL (800A ACE, Woodward-DG Sync Controller) (ACB)Schneider ElectricMaster Pact NT/NW0311817019/05/202430/06/20276DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/20277DG IN-2 (ACB)Schneider ElectricMaster Pact NT/NW0311830619/05/202430/06/20277DG IN-2 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/20277JR (ACB)Schneider ElectricMaster Pact NT/NW0311810519/05/202430/06/20277Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/20277Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNAQty: 10 Nos.19/05/202430/06/202710Earth Pits for 2nd FloorNANAQty: 10 Nos.19/05/202430/06/202711Earth Pits for 2nd FloorNANAQty: 10 Nos.30/06/202230/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA3		UPS DB (20 KVA)		Customize	NA	19/05/2024	30/06/2027
MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027DG SYNC PANEL (800A ACB, Woodward DG Sync Controller) (ACB)Schneider ElectricMaster Pact NT/NW0311817019/05/202430/06/2027EXISTING PANEL-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027DG IN-3 (ACB)Schneider ElectricMaster Pact NT/NW0311815219/05/202430/06/2027DG IN-3 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027TI Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgara & AutomationNANA19/05/202430/06/202710Earth Pits for 20A FloorNANAQty: 6 Nos.30/06/202230/06/202711Earth Pits for 20A FloorNANAQty: 6 Nos.30/06/202230/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/2027<	5	Incomer -1 MCCB	Schneider Electric	Compact NSX	NA	19/05/2024	30/06/2027
MCB 0/GSchneider ElectricCompact NSXNA19/05/202430/06/2027DG SYNC PANEL (800A ACB, Woodward DG Sync Controller) (ACB)Schneider ElectricMaster Pact NT/NW0311817019/05/202430/06/2027EXISTING PANEL-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027DG IN-3 (ACB)Schneider ElectricMaster Pact NT/NW0311815219/05/202430/06/2027DG IN-3 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/2027TI Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgara & AutomationNANA19/05/202430/06/202710Earth Pits for 20A FloorNANAQty: 6 Nos.30/06/202230/06/202711Earth Pits for 20A FloorNANAQty: 6 Nos.30/06/202230/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/2027<	ľ	Incomer -2 MCCB	Schneider Electric		NA		
DG SYNC PANEL (800A ACB, Woodward-DG Sync Controller) (ACB)Schneider ElectricMaster Pact NT/NW0311817019/05/202430/06/20276EXISTING PANEL-1 (ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/20277DG IN-1 (ACB)Schneider ElectricMaster Pact NT/NW0311830519/05/202430/06/20277DG IN-2 (ACB)Schneider ElectricMaster Pact NT/NW03118130519/05/202430/06/20277Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NW0311815519/05/202430/06/20277Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NW0311817919/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NW0311817919/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANA19/05/202430/06/202711Earth Pits for 2nd FloorNANANA19/05/202430/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomize <td< td=""><td>1</td><td></td><td></td><td></td><td>NA</td><td></td><td></td></td<>	1				NA		
6DG IN- 1 (ACB)Schneider ElectricMaster Pact NT/NW0311830519/05/202430/06/2027DG IN- 2 (ACB)Schneider ElectricMaster Pact NT/NW0311830619/05/202430/06/2027DG IN- 3 (ACB)Schneider ElectricMaster Pact NT/NW03118131219/05/202430/06/2027DG IN- 3 (ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/2027SPARE (ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/20277Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANA19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 10 Nos.19/05/202430/06/202712Low Tension (LT) Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoxShree Ele		DG SYNC PANEL (800A ACB, Woodward-DG Sync	Schneider Electric	Master Pact NT/NW	03118170		
DG IN-2 (ACB)Schneider ElectricMaster Pact NT/NW0311830619/05/202430/06/2027DG IN-3 (ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/2027EXISTING PANEL-2 (ACB)Schneider ElectricMaster Pact NT/NW0311878919/05/202430/06/20277Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANA19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 10 Nos.19/05/202430/06/202712Low Tension (LT) Panel (Motrised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution 		EXISTING PANEL-1 (ACB)	Schneider Electric	Master Pact NT/NW	03118155	19/05/2024	30/06/2027
DG IN-3 (ACB)Schneider ElectricMaster Pact NT/NW0311831219/05/202430/06/2027EXISTING PANEL-2 (ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/2027SPARE (ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/20277Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANA19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 6 Nos.30/06/202230/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoarShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202717<	6	DG IN- 1 (ACB)	Schneider Electric	Master Pact NT/NW	03118305	19/05/2024	30/06/2027
EXISTING PANEL-2 (ACB)Schneider ElectricMaster Pact NT/NW0311816519/05/202430/06/2027SPARE (ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/2027Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/2027Incomer-2 GF(ACB)Schneider ElectricalsCustomizeNA30/06/202230/06/2027Incomer-1Earth Pits for 2nd FloorNANAQty: 6 Nos.30/06/202230/06/2027Incomer-1Shree ElectricalsCustomizeNA30/06/202230/06/2027Incomer-1Shree ElectricalsCustomizeNA30/06/202230/06/2027Incomer-1Shree ElectricalsCustomizeNA30/06/202230/06/2027Incomer-1Shree		DG IN- 2 (ACB)	Schneider Electric	Master Pact NT/NW	03118306	19/05/2024	30/06/2027
SPARE (ACB)Schneider ElectricMaster Pact NT/NW0311878919/05/202430/06/20277Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANA19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 10 Nos.19/05/202430/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716Comfort Air Conditioning BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/2027		DG IN- 3 (ACB)	Schneider Electric	Master Pact NT/NW	03118312	19/05/2024	30/06/2027
7Incomer-1 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20278Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANA19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 10 Nos.19/05/202430/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BosShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/2027 <t< td=""><td></td><td>EXISTING PANEL-2 (ACB)</td><td>Schneider Electric</td><td>Master Pact NT/NW</td><td>03118165</td><td>19/05/2024</td><td>30/06/2027</td></t<>		EXISTING PANEL-2 (ACB)	Schneider Electric	Master Pact NT/NW	03118165	19/05/2024	30/06/2027
8Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANAQty: 10 Nos.19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 10 Nos.19/05/202430/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/2027<		SPARE (ACB)	Schneider Electric	Master Pact NT/NW	03118789	19/05/2024	30/06/2027
8Incomer-2 GF(ACB)Schneider ElectricMaster Pact NT/NWNA19/05/202430/06/20279Cooling Optimize PanelSwitchgear & AutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANANAQty: 10 Nos.19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 10 Nos.19/05/202430/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/2027<	7	Incomer-1 GF(ACB)	Schneider Electric	Master Pact NT/NW	NA	19/05/2024	30/06/2027
9Cooling optimize rateAutomationNANA19/05/202430/06/202710Earth Pits for 2nd FloorNANAQty: 10 Nos.19/05/202430/06/202711Earth Pits for DG AreaNANAQty: 6 Nos.30/06/202230/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Li	8		Schneider Electric	Master Pact NT/NW	NA		
11Earth Pits for DG AreaNANAQty: 6 Nos.30/06/202230/06/202712Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round S8912Qty: 47 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	9	Cooling Optimize Panel		NA	NA	19/05/2024	30/06/2027
12Low Tension (LT) Panel (Motorised MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716Sorrer Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	10	Earth Pits for 2nd Floor	NA	NA	Qty: 10 Nos.	19/05/2024	30/06/2027
12(Motorised MCCB)Since ElectricalsCustomizeNA30/06/202230/06/202713UPS Output Panel (MCCB)Shree ElectricalsCustomizeNA30/06/202230/06/202714PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	11	Earth Pits for DG Area	NA	NA	Qty: 6 Nos.	30/06/2022	30/06/2027
14PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716Comfort Air Conditioning System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	12		Shree Electricals	Customize	NA	30/06/2022	30/06/2027
14PAC PanelShree ElectricalsCustomizeNA30/06/202230/06/202715Server Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202716Comfort Air Conditioning System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	13	UPS Output Panel (MCCB)	Shree Electricals	Customize	NA	30/06/2022	30/06/2027
Comfort Air Conditioning System (CAC) DistributionShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round S8912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	14		Shree Electricals		NA	30/06/2022	30/06/2027
16System (CAC) Distribution BoardShree ElectricalsCustomizeNA30/06/202230/06/202717Emergency Lighting Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	15	Server Distribution Box	Shree Electricals	Customize	NA	30/06/2022	30/06/2027
17Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202718Raw Power Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	16	System (CAC) Distribution	Shree Electricals	Customize	NA	30/06/2022	30/06/2027
18BoxShree ElectricalsCustomizeNA30/06/202230/06/202719UPS Distribution BoxShree ElectricalsCustomizeNA30/06/202230/06/20272018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	17		Shree Electricals	Customize	NA	30/06/2022	30/06/2027
2018W Round Down LED Lighting Fittings- RoundPhilips / WiproAstra Max LED Round 58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	18		Shree Electricals	Customize	NA	30/06/2022	30/06/2027
20Lighting Fittings- RoundPhilips / Wipro58912Qty: 79 Nos.19/05/201930/06/2027212X2 ft LED Lighting Fittings- SqurePhilips / WiproTMC501P2XT-LEDQty: 47 Nos.19/05/201930/06/2027224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	19	UPS Distribution Box	Shree Electricals	Customize	NA	30/06/2022	30/06/2027
21Fittings- SqurePhilips / WiproIMC501P2X1-LEDQty: 4 / Nos.19/05/201930/06/202/224 ft LED Tube Light Flat type Lighting FittingsPhilips / WiproSM270CLED 30SQty: 87 Nos.30/06/2027	20		Philips / Wipro		<b>Qty:</b> 79 Nos.	19/05/2019	30/06/2027
type Lighting Fittings Philips / Wipro SM2/OCLED 30S Qty: 8/ Nos. 30/06/202/	21		Philips / Wipro	TMC501P2XT-LED	<b>Qty:</b> 47 Nos.	19/05/2019	30/06/2027
23         4 ft LED Tube Light         Wipro         N/A         Qty : 18 Nos.         30/06/2027	22		Philips / Wipro	SM270CLED 30S	<b>Qty:</b> 87 Nos.		30/06/2027
	23	4 ft LED Tube Light	Wipro	N/A	<b>Qty</b> : 18 Nos.		30/06/2027

	Cylinder type				
24	2X18 Watt 2X2 ft CFL	Wipro	N/A	<b>Otv</b> : 57 Nos.	30/06/2027
24	Fittings	vv ipi o	N/A	QLY : 57 NOS.	30/00/2027

## 3) Existing Diesel Generator Sets and other related Infrastructure of West Bengal State Data Center, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	380 kVA Diesel Generator (DG)	Cummins	380 kVA/ NTA-14-G3	25354117		30/06/2027
2	380 kVA Diesel Generator (DG)	Cummins	380 kVA/ NTA-14-G3	25355180	Expired	30/06/2027
3	380 kVA Diesel Generator (DG)	Cummins	380 kVA/ NTA-14-G3	25354810		30/06/2027

## 4) Existing 300KVA Isolation Transformer with all related accessories of West Bengal State Data Center, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	300 kVA Isolation Transformer	Magnetic & Control	IT 300	MC1819628	19/05/2024	30/06/2027
2	300 kVA Isolation Transformer	Magnetic & Control	IT 300	MC1819629	19/05/2024	30/06/2027

# 5) Existing ETON make 200KVA Central UPS system with all related accessories installed at West Bengal State Data Center, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model No.	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	200 KVA Central UPS	ETON	93PR-200	4L426WAA07	19/05/2024	30/06/2027
2	200 KVA Central UPS	ETON	93PR-200	4L425WAA16	19/05/2024	30/06/2027

# 6) Existing ETON make 20KVA UPS system for BMS equipment with all related accessories installed at West Bengal State Data Center, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	20 kVA UPS for BMS	ETON	93E-20-D-MBS	4M185LXX06	19/05/2024	30/06/2027
2	20 kVA UPS for BMS	ETON	93E-20-D-MBS	4M185LXX08	19/05/2024	30/06/2027

# 7) Existing Schneider make 25TR Precision Air-conditioner System with all related accessories installed at West Bengal State Data Center, Monibhandar

SI. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	25 TR PAC Indoor Unit	Schneider Electric	TDAV2842AN40-1	C21832010808	19/05/2024	30/06/2027
2	25 TR PAC Indoor Unit	Schneider Electric	TDAV2842AN40-1	C21836009958	19/05/2024	30/06/2027
3	25 TR PAC Indoor Unit	Schneider Electric	TDAV2842AN40-1	C21837001903	19/05/2024	30/06/2027
4	25 TR PAC Indoor Unit	Schneider Electric	TDAV2842AN40-1	C21836009926	19/05/2024	30/06/2027
5	25 TR PAC Indoor Unit	Schneider Electric	TDAV2842AN40-1	C21837001904	19/05/2024	30/06/2027
6	25 TR PAC Indoor Unit	Schneider Electric	TDAV2842AN40-1	C21836009957	19/05/2024	30/06/2027
7	25 TR PAC Outdoor Unit	Schneider Electric	CAP5002PN410-1	C21830007757	19/05/2024	30/06/2027
8	25 TR PAC Outdoor Unit	Schneider Electric	CAP5002PN410-1	C21830007756	19/05/2024	30/06/2027
9	25 TR PAC Outdoor Unit	Schneider Electric	CAP5002PN410-1	C21830007755	19/05/2024	30/06/2027
10	25 TR PAC Outdoor Unit	Schneider Electric	CAP5002PN410-1	C21830007758	19/05/2024	30/06/2027
11	25 TR PAC Outdoor Unit	Schneider Electric	CAP5002PN410-1	C21831003662	19/05/2024	30/06/2027
12	25 TR PAC Outdoor Unit	Schneider Electric	CAP5002PN410-1	C21831003661	19/05/2024	30/06/2027

#### 8) Existing Panasonic make 2TON Comfort Air Conditioning system all related accessories installed at 2<sup>nd</sup> Floor of West Bengal State Data Center, Monibhandar

	Monibilanuai								
Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty / AMC up to			
1	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00358	19/05/2024	30/06/2027			
2	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	18APRJAJHU00192	19/05/2024	30/06/2027			
3	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00663	19/05/2024	30/06/2027			
4	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	18APRJAJHU00205	19/05/2024	30/06/2027			
5	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00614	19/05/2024	30/06/2027			
6	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	18APRJAJHU00258	19/05/2024	30/06/2027			
7	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	182PRJAJHU03246	19/05/2024	30/06/2027			
8	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00347	19/05/2024	30/06/2027			
9	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	182PRJAJHU03123	19/05/2024	30/06/2027			
10	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00356	19/05/2024	30/06/2027			
11	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	18APRJAJHU00262	19/05/2024	30/06/2027			
12	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	18APRJAJHU00199	19/05/2024	30/06/2027			
13	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	18APRJAJHU00274	19/05/2024	30/06/2027			
14	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00615	19/05/2024	30/06/2027			
15	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00404	19/05/2024	30/06/2027			
16	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00407	19/05/2024	30/06/2027			
17	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00408	19/05/2024	30/06/2027			
18	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	18APRJAJHU00202	19/05/2024	30/06/2027			
19	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	182PRJAJHU03111	19/05/2024	30/06/2027			
20	2 TR CAC Indoor Unit	Panasonic	CS-LC24UKYD	183PRJADRU00612	19/05/2024	30/06/2027			
21	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	182PAJABSU00395	19/05/2024	30/06/2027			
22	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	183PAJABSU00261	19/05/2024	30/06/2027			
23	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	182PAJABPU01260	19/05/2024	30/06/2027			
24	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	183PAJA3SU00257	19/05/2024	30/06/2027			
25	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	183PAJABSU00263	19/05/2024	30/06/2027			

26	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	183PAJABSU00365	19/05/2024	30/06/2027
27	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	18APAJABPU00069	19/05/2024	30/06/2027
28	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	182PAJABSU00435	19/05/2024	30/06/2027
29	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	18APAJABPU00065	19/05/2024	30/06/2027
30	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	183PAJABSU00262	19/05/2024	30/06/2027
31	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	183PAJABSU00305	19/05/2024	30/06/2027
32	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	18APAJABPU00060	19/05/2024	30/06/2027
33	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	182PAJABPU01199	19/05/2024	30/06/2027
34	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	18APAJABPU00062	19/05/2024	30/06/2027
35	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	182PAJABSU00303	19/05/2024	30/06/2027
36	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	182PAJABPU00305	19/05/2024	30/06/2027
37	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	18APAJABPU00073	19/05/2024	30/06/2027
38	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	182PAJABPU01194	19/05/2024	30/06/2027
39	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	18APAJABPU00074	19/05/2024	30/06/2027
40	2 TR CAC Outdoor Unit	Panasonic	CU-LC24UKY	18APAJABPU00072	19/05/2024	30/06/2027

### 9) Existing Schneider make Rack Containment Frame with Rack and Cold and Hot Aisle Containment system with all related accessories installed at 2<sup>nd</sup> Floor of West Bengal State Data Center, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	Cold Aisle Containment	Schneider	ACDC2400	5N1746F04462, 5N1728F01904	19/05/2024	30/06/2027
2	Cold Aisle Containment	Schneider	ACDC2400	5N1813F02081, 5N1813F02078	19/05/2024	30/06/2027
3	Cold Aisle Containment	Schneider	ACDC2400	5N1813F02080, 5N1813F02076	19/05/2024	30/06/2027
4	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21732002886	19/05/2024	30/06/2027
5	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21732002895	19/05/2024	30/06/2027
6	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21732002888	19/05/2024	30/06/2027
7	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21732002889	19/05/2024	30/06/2027
8	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21732002892	19/05/2024	30/06/2027
9	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21732002894	19/05/2024	30/06/2027
10	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21729001508	19/05/2024	30/06/2027
11	ACTIVE FLOOR MODULE	Schneider	AFM4500B	C21729001509	19/05/2024	30/06/2027
12	SERVER Rack	Schneider	AR3350	JN1821004768	19/05/2024	30/06/2027
13	SERVER Rack	Schneider	AR3350	JN1815000769	19/05/2024	30/06/2027
14	SERVER Rack	Schneider	AR3350	JN1822004429	19/05/2024	30/06/2027
15	SERVER Rack	Schneider	AR3350	JN18222004425	19/05/2024	30/06/2027
16	SERVER Rack	Schneider	AR3350	JN1822004418	19/05/2024	30/06/2027
17	SERVER Rack	Schneider	AR3350	JN1822004420	19/05/2024	30/06/2027
18	SERVER Rack	Schneider	AR3350	JN1822004419	19/05/2024	30/06/2027
19	SERVER Rack	Schneider	AR3350	JN1821003733	19/05/2024	30/06/2027

20	SERVER Rack	Schneider	AR3350	JN1821003736	19/05/2024	30/06/2027
21	SERVER Rack	Schneider	AR3350	JN1821003737	19/05/2024	30/06/2027
22	SERVER Rack	Schneider	AR3350	JN18222004422	19/05/2024	30/06/2027
23	SERVER Rack	Schneider	AR3350	JN1821004765	19/05/2024	30/06/2027
24	SERVER Rack	Schneider	AR3350	JN1822004417	19/05/2024	30/06/2027
25	SERVER Rack	Schneider	AR3350	JN1821003729	19/05/2024	30/06/2027
26	SERVER Rack	Schneider	AR3150	JK1835002928	19/05/2024	30/06/2027
27	SERVER Rack	Schneider	AR3150	JK1836000858	19/05/2024	30/06/2027
28	SERVER Rack	Schneider	AR3150	JK1835003315	19/05/2024	30/06/2027
29	SERVER Rack	Schneider	AR3150	JK1835003314	19/05/2024	30/06/2027
30	SERVER Rack	Schneider	AR3150	JK1835003311	19/05/2024	30/06/2027
31	SERVER Rack	Schneider	AR3150	JK1837001368	19/05/2024	30/06/2027
32	SERVER Rack	Schneider	AR3150	JK1837001366	19/05/2024	30/06/2027
33	SERVER Rack	Schneider	AR3150	JK1837000476	19/05/2024	30/06/2027
34	SERVER Rack	Schneider	AR3150	JK1837001370	19/05/2024	30/06/2027
35	SERVER Rack	Schneider	AR3150	JK1837000475	19/05/2024	30/06/2027
36	SERVER Rack	Schneider	AR3150	JK1837001367	19/05/2024	30/06/2027
37	SERVER Rack	Schneider	AR3150	JK1835002922	19/05/2024	30/06/2027
38	SERVER Rack	Schneider	AR3150	JK1835002935	19/05/2024	30/06/2027
39	SERVER Rack	Schneider	AR3150	JK1835002921	19/05/2024	30/06/2027
40	SERVER Rack	Schneider	AR3150	JK1918003026	19/05/2024	30/06/2027
41	SERVER Rack	Schneider	AR3150	JK1919002060	19/05/2024	30/06/2027
42	SERVER Rack	Schneider	AR3150	JK1920001944	19/05/2024	30/06/2027
43	SERVER Rack	Schneider	AR3150	JK1919000355	19/05/2024	30/06/2027
44	NETSHELTER 2POST RACK	Schneider	AR201	2A1530H00056	19/05/2024	30/06/2027
45	NETSHELTER 2POST RACK	Schneider	AR201	2A1738H00069	19/05/2024	30/06/2027

# 10) Existing Schneider make IP PDU for Server and Network Rack with all related accessories installed at 2<sup>nd</sup> Floor of West Bengal State Data Center, Monibhandar

SI. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033786	19/05/2024	30/06/2027
2	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033871	19/05/2024	30/06/2027
3	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033829	19/05/2024	30/06/2027
4	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033823	19/05/2024	30/06/2027
5	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033853	19/05/2024	30/06/2027
6	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033807	19/05/2024	30/06/2027
7	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033826	19/05/2024	30/06/2027
8	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033810	19/05/2024	30/06/2027
9	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033814	19/05/2024	30/06/2027
10	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033804	19/05/2024	30/06/2027
11	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033820	19/05/2024	30/06/2027
12	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033850	19/05/2024	30/06/2027
13	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033872	19/05/2024	30/06/2027
14	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033846	19/05/2024	30/06/2027
15	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033821	19/05/2024	30/06/2027
16	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033860	19/05/2024	30/06/2027

		Calanaidan	10000	FA102(022012	10/05/2024	
17	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033813	19/05/2024	30/06/2027
18	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033852	19/05/2024	30/06/2027
19	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033831	19/05/2024	30/06/2027
20	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033790	19/05/2024	30/06/2027
21	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033830	19/05/2024	30/06/2027
22	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033809	19/05/2024	30/06/2027
23	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033812	19/05/2024	30/06/2027
24	IP PDU for Server & Network Rack	Schneider	AP8886	ZA1836033798	19/05/2024	30/06/2027
25	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070854	19/05/2024	30/06/2027
26	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070715	19/05/2024	30/06/2027
27	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070858	19/05/2024	30/06/2027
28	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070846	19/05/2024	30/06/2027
29	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070837	19/05/2024	30/06/2027
30	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070782	19/05/2024	30/06/2027
31	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070859	19/05/2024	30/06/2027
32	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070841	19/05/2024	30/06/2027
33	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070779	19/05/2024	30/06/2027
34	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070789	19/05/2024	30/06/2027
35	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070787	19/05/2024	30/06/2027
36	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070716	19/05/2024	30/06/2027
37	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070843	19/05/2024	30/06/2027
38	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070783	19/05/2024	30/06/2027
39	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070780	19/05/2024	30/06/2027
40	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070848	19/05/2024	30/06/2027
41	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070838	19/05/2024	30/06/2027
42	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070847	19/05/2024	30/06/2027
43	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070844	19/05/2024	30/06/2027
44	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070856	19/05/2024	30/06/2027
45	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070857	19/05/2024	30/06/2027
46	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070786	19/05/2024	30/06/2027
47	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070845	19/05/2024	30/06/2027
48	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070842	19/05/2024	30/06/2027
49	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070853	19/05/2024	30/06/2027
50	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1836070831	19/05/2024	30/06/2027
51	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1832020086	19/05/2024	30/06/2027
52	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1832020078	19/05/2024	30/06/2027
53	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1832020076	19/05/2024	30/06/2027
54	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1832020085	19/05/2024	30/06/2027
55	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1832020090	19/05/2024	30/06/2027
56	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1832020095	19/05/2024	30/06/2027
57	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018557	19/05/2024	30/06/2027
58	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018576	19/05/2024	30/06/2027
59	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018222	19/05/2024	30/06/2027
60	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018571	19/05/2024	30/06/2027
61	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018569	19/05/2024	30/06/2027
62	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018579	19/05/2024	30/06/2027
63	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018493	19/05/2024	30/06/2027
64	IP PDU for Server & Network Rack	Schneider	AP8853	ZA1833018492	19/05/2024	30/06/2027
65	IP PDU for Server & Network Rack	Schneider	AP7822B	ZA1834010366	19/05/2024	30/06/2027
66	IP PDU for Server & Network Rack	Schneider	AP7822B	ZA1834010334	19/05/2024	30/06/2027
67	IP PDU for Server & Network Rack	Schneider	AP7822B	ZA1834010320	19/05/2024	30/06/2027
68	IP PDU for Server & Network Rack	Schneider	AP7822B	ZA1834010306	19/05/2024	30/06/2027

# **11)** Existing Schneider make IP KVM switch with Display Unit including all related accessories installed at 2<sup>nd</sup> Floor of West Bengal State Data Center, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty up to
1	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	A1GC-151-0087	19/05/2024	30/06/2027
2	KVM- MONITOR	Schneider	CL1000M	Z8I4-086-0045	19/05/2024	30/06/2027
3	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	A1GC-151-0086	19/05/2024	30/06/2027
4	KVM- MONITOR	Schneider	CL1000M	Z8I4-086-0046	19/05/2024	30/06/2027
5	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	A1GC-151-0085	19/05/2024	30/06/2027
6	KVM- MONITOR	Schneider	CL1000M	Z8I5-036-0014	19/05/2024	30/06/2027
7	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	A1GC-151-0082	19/05/2024	30/06/2027
8	KVM- MONITOR	Schneider	CL1000M	Z8I5-036-0013	19/05/2024	30/06/2027
9	KVM SWITCH - IP	Schneider	ALTUSEN KN4116VA	A112-111-0010	19/05/2024	30/06/2027
10	KVM- MONITOR	Schneider	CL1000M	Z8I5-036-0005	19/05/2024	30/06/2027
11	KVM SWITCH - IP	Schneider	ALTUSEN KN4116VA	A112-111-0014	19/05/2024	30/06/2027
12	KVM- MONITOR	Schneider	CL1000M	Z8I4-086-0004	19/05/2024	30/06/2027
13	KVM SWITCH - NON IP	Schneider	ALTUSEN KN4116VA	A1GC-151-0089	19/05/2024	30/06/2027
14	KVM- MONITOR	Schneider	CL1000M	Z815-036-0028	19/05/2024	30/06/2027
15	KVM SWITCH - IP	Schneider	ALTUSEN KN4116VA	A1GA-200-0030	19/05/2024	30/06/2027
16	KVM- MONITOR	Schneider	CL1000M	Z8I5-036-0001	19/05/2024	30/06/2027
17	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	A1GC-151-0083	19/05/2024	30/06/2027
18	KVM- MONITOR	Schneider	CL1000M	Z815-036-0011	19/05/2024	30/06/2027
19	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	A1GC-151-0084	19/05/2024	30/06/2027
20	KVM- MONITOR	Schneider	CL1000M	Z815-036-0022	19/05/2024	30/06/2027
21	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	A1GC-151-0090	19/05/2024	30/06/2027
22	KVM- MONITOR	Schneider	CL1000M	Z815-036-0016	19/05/2024	30/06/2027
23	KVM SWITCH - NON IP	Schneider	ALTUSCN KH1516A	Z3HB-119-0055	19/05/2024	30/06/2027
24	KVM- MONITOR	Schneider	CL1000M	Z8I5-036-0004	19/05/2024	30/06/2027

# 12) Existing equipment for Building Management system with all related accessories installed at 1st & 2nd Floor of West Bengal State Data Center, Monibhandar

Sl. Exis No.	ting Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty	
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						/AMC up to
1	Addressable Fire Alarm Control Panel	Siemens	FC2025	34565142	19/05/2024	30/06/2027
2	Addressable Fire Alarm Control Panel with controller	Siemens	FC2025/FCI20 16-U1	NA	25/09/2024	30/06/2027
3	Multicriteria Detector	Siemens	FD0T421	2E1E7A0	19/05/2024	30/06/2027
4	Multicriteria Detector	Siemens	FD0T421	2E1E81B	19/05/2024	30/06/2027
5	Multicriteria Detector	Siemens	FD0T421	2E1E82F	19/05/2024	30/06/2027
6	Multicriteria Detector	Siemens	FD0T421	2E1E817	19/05/2024	30/06/2027
7	Multicriteria Detector	Siemens	FD0T421	2E1E6A2	19/05/2024	30/06/2027
8	Multicriteria Detector	Siemens	FD0T421	2E1E820	19/05/2024	30/06/2027
9	Multicriteria Detector	Siemens	FD0T421	2E1E80F	19/05/2024	30/06/2027
10	Multicriteria Detector	Siemens	FD0T421	2E1E830	19/05/2024	30/06/2027
11	Multicriteria Detector	Siemens	FD0T421	2E1E78D	19/05/2024	30/06/2027
12	Multicriteria Detector	Siemens	FD0T421	2E1E679	19/05/2024	30/06/2027
13	Multicriteria Detector	Siemens	FD0T421	2E1E826	19/05/2024	30/06/2027
14	Multicriteria Detector	Siemens	FD0T421	2E1E815	19/05/2024	30/06/2027
15	Multicriteria Detector	Siemens	FD0T421	2E1E816	19/05/2024	30/06/2027
16	Multicriteria Detector	Siemens	FD0T421	2E1E80E	19/05/2024	30/06/2027
17	Multicriteria Detector	Siemens	FD0T421	2E1E81F	19/05/2024	30/06/2027
18	Multicriteria Detector	Siemens	FD0T421	2E1E891	19/05/2024	30/06/2027
19	Multicriteria Detector	Siemens	FD0T421	2E1E81C	19/05/2024	30/06/2027
20	Multicriteria Detector	Siemens	FD0T421	2E1E835	19/05/2024	30/06/2027
21	Multicriteria Detector	Siemens	FD0T421	2E1E784	19/05/2024	30/06/2027
22	Multicriteria Detector	Siemens	FD0T421	2E1E7FE	19/05/2024	30/06/2027
23	Multicriteria Detector	Siemens	FD0T421	2E1E772	19/05/2024	30/06/2027
24	Multicriteria Detector	Siemens	FD0T421	2E1E88D	19/05/2024	30/06/2027
25	Multicriteria Detector	Siemens	FD0T421	2E1E755	19/05/2024	30/06/2027
26	Multicriteria Detector	Siemens	FD0T421	2E1E331	19/05/2024	30/06/2027
27	Multicriteria Detector	Siemens	FD0T421	2E1E77A	19/05/2024	30/06/2027
28	Multicriteria Detector	Siemens	FD0T421	2E1E895	19/05/2024	30/06/2027
29	Multicriteria Detector	Siemens	FD0T421	2E1E344	19/05/2024	30/06/2027
30	Multicriteria Detector	Siemens	FD0T421	2E1E803	19/05/2024	30/06/2027
31	Multicriteria Detector	Siemens	FDOT421	2E1E88A	19/05/2024	30/06/2027
32	Multicriteria Detector	Siemens	FD0T421	2E1E75E	19/05/2024	30/06/2027
33	Multicriteria Detector	Siemens	FD0T421	2E1E750	19/05/2024	30/06/2027
34	Multicriteria Detector	Siemens	FD0T421	2E1E88F	19/05/2024	30/06/2027
35	Multicriteria Detector	Siemens	FD0T421	2E1E7FD	19/05/2024	30/06/2027
36	Multicriteria Detector	Siemens	FD0T421	2E1E898	19/05/2024	30/06/2027
37	Multicriteria Detector	Siemens	FDOT421	2E1E32E	19/05/2024	30/06/2027
38	Multicriteria Detector	Siemens	FD0T421	2E1E783	19/05/2024	30/06/2027
39	Multicriteria Detector	Siemens	FD0T421	2E1E7CC	19/05/2024	30/06/2027
40	Multicriteria Detector	Siemens	FD0T421	2E1E6DA	19/05/2024	30/06/2027
41	Multicriteria Detector	Siemens	FD0T421	2E1E76E	19/05/2024	30/06/2027
42	Multicriteria Detector	Siemens	FD0T421	2E1E812	19/05/2024	30/06/2027
43	Multicriteria Detector	Siemens	FD0T421	2E1E7C8	19/05/2024	30/06/2027
44	Multicriteria Detector	Siemens	FD0T421	2E1E797	19/05/2024	30/06/2027
45	Multicriteria Detector	Siemens	FD0T421	2E1E792	19/05/2024	30/06/2027
46	Multicriteria Detector	Siemens	FD0T421	2E1E894	19/05/2024	30/06/2027
47	Multicriteria Detector	Siemens	FD0T421	2E1E78F	19/05/2024	30/06/2027

48	Multicriteria Detector	Siemens	FDOT421	2E1E78C	19/05/2024	30/06/2027
49	Multicriteria Detector	Siemens	FD01421	2E1E78E	19/05/2024	30/06/2027
50	Multicriteria Detector	Siemens	FD0T421	2E1E73	19/05/2024	30/06/2027
51	Multicriteria Detector	Siemens	FD0T421	2E1E814	19/05/2024	30/06/2027
52	Multicriteria Detector	Siemens	FD0T421	2E1E79E	19/05/2024	30/06/2027
53	Multicriteria Detector	Siemens	FD0T421	2E1E822	19/05/2024	30/06/2027
54	Multicriteria Detector	Siemens	FD0T421	2E1E7A3	19/05/2024	30/06/2027
55	Multicriteria Detector	Siemens	FD0T421	2E1E87B	19/05/2024	30/06/2027
56	Multicriteria Detector	Siemens	FD0T421	2E1E883	19/05/2024	30/06/2027
57	Multicriteria Detector	Siemens	FD0T421	2E1E856	19/05/2024	30/06/2027
58	Multicriteria Detector	Siemens	FD0T421	2E1E799	19/05/2024	30/06/2027
59	Multicriteria Detector	Siemens	FD0T421	2E1E864	19/05/2024	30/06/2027
60	Multicriteria Detector	Siemens	FD0T421	2E1E79F	19/05/2024	30/06/2027
61	Multicriteria Detector	Siemens	FD0T421	2E1E889	19/05/2024	30/06/2027
62	Multicriteria Detector	Siemens	FD0T421	2E1E795	19/05/2024	30/06/2027
63	Multicriteria Detector	Siemens	FD0T421	2E1E6ED	19/05/2024	30/06/2027
64	Multicriteria Detector	Siemens	FD01421	2E1E886	19/05/2024	30/06/2027
65	Multicriteria Detector	Siemens	FD01421	2E1E7A4	19/05/2024	30/06/2027
66	Multicriteria Detector	Siemens	FD01421	2E1E85C	19/05/2024	30/06/2027
67	Multicriteria Detector	Siemens	FD01421	2E1E81A	19/05/2024	30/06/2027
68	Multicriteria Detector	Siemens	HFP-11	705715B	19/05/2024	30/06/2027
69	Multicriteria Detector	Siemens	HFP-11 HFP-11	7057192	19/05/2024	30/06/2027
70	Multicriteria Detector	Siemens	HFP-11	7058B8E	19/05/2024	30/06/2027
70	Multicriteria Detector	Siemens	HFP-11	7058B8E	19/05/2024	30/06/2027
72	Multicriteria Detector	Siemens	HFP-11	7057196	19/05/2024	30/06/2027
72	Multicriteria Detector	Siemens	HFP-11 HFP-11	7057185	19/05/2024	30/06/2027
73	Multicriteria Detector	Siemens	HFP-11	7057169		
74	Multicriteria Detector		HFP-11		19/05/2024	30/06/2027
76	Multicriteria Detector	Siemens Siemens	HFP-11	7057170 705716B	19/05/2024 19/05/2024	30/06/2027 30/06/2027
70	Multicriteria Detector	Siemens	HFP-11	7057188		30/06/2027
78	Multicriteria Detector	Siemens	HFP-11	7057197	19/05/2024 19/05/2024	30/06/2027
79	Multicriteria Detector	Siemens	HFP-11	7057186	19/05/2024	30/06/2027
80	Multicriteria Detector	Siemens	HFP-11	7057190	19/05/2024	30/06/2027
81	Multicriteria Detector	Siemens	HFP-11	7057191	19/05/2024	30/06/2027
82		Siemens	HFP-11	7057178	19/05/2024	30/06/2027
83	Multicriteria Detector Multicriteria Detector	Siemens	HFP-11	705715C	19/05/2024	30/06/2027
84	Multicriteria Detector	Siemens	NA	NA	19/05/2024	30/06/2027
85	Multidetector	Siemens	FD0T421	2E24DB2	25/09/2024	30/06/2027
86	Multidetector	Siemens	FD01421 FD0T421	2E240B2 2E250C3	25/09/2024	30/06/2027
87	Multidetector	Siemens	FD01421 FD0T421	2E230C3	25/09/2024	30/06/2027
88	Multidetector	Siemens	FD01421 FD0T421	2E24DB3	25/09/2024	30/06/2027
88	Multidetector	Siemens	FD01421 FD0T421	2E25060 2E24E48	25/09/2024	30/06/2027
90	Multidetector	Siemens		2E24E48		
			FDOT421 FDOT421	2E24DD4 2E24E40	25/09/2024	30/06/2027
91 92	Multidetector Multidetector	Siemens	FD01421 FD0T421	2E24E40 2E24E4C	25/09/2024 25/09/2024	30/06/2027 30/06/2027
		Siemens				
93	Multidetector	Siemens	FDOT421	2E24DA2	25/09/2024	30/06/2027
94 95	Multidetector Multidetector	Siemens	FDOT421	2E250E2	25/09/2024	30/06/2027
95	Multidetector Multidetector	Siemens	FD0T421 FD0T421	2E24DC8	25/09/2024	30/06/2027
		Siemens		2E24DCE	25/09/2024	30/06/2027
97	Multidetector	Siemens	FDOT421	2E250D0	25/09/2024	30/06/2027
98	Multidetector	Siemens	FD0T421	2E24DA0	25/09/2024	30/06/2027
99	Multidetector	Siemens	FDOT421	2E250CE	25/09/2024	30/06/2027

100	Multidetector	Siemens	FDOT421	2E24E51	25/09/2024	30/06/2027
100	Multidetector	Siemens	FD01421	2E24E31 2E24DB6	25/09/2024	30/06/2027
101	Multidetector	Siemens	FD01421	2E24DB0 2E24E46	25/09/2024	30/06/2027
102	Multidetector	Siemens	FD01421	2E29234	25/09/2024	30/06/2027
103	Multidetector	Siemens	FD01421	2E29234 2E250E9	25/09/2024	30/06/2027
104	Multidetector	Siemens	FD01421	2E230E9	25/09/2024	30/06/2027
105	Multidetector	Siemens	FD01421	2E24DA1 2E250D3	25/09/2024	
100	Multidetector		FD01421 FD0T421	2E250D5 2E24DB0		30/06/2027
107	Multidetector	Siemens Siemens	FD01421 FD0T421	2E24DB0 2E24D73	25/09/2024	30/06/2027
					25/09/2024	30/06/2027
109	Multidetector	Siemens	FD0T421	2E250A1	25/09/2024	30/06/2027
110	Multidetector	Siemens	FD0T421	2E250A2	25/09/2024	30/06/2027
111	Multidetector	Siemens	FDOT421	2E250D1	25/09/2024	30/06/2027
112	Multidetector	Siemens	FDOT421	2E24DC9	25/09/2024	30/06/2027
113	Multidetector	Siemens	FDOT421	2E24D36	25/09/2024	30/06/2027
114	Multidetector	Siemens	FDOT421	2E2505F	25/09/2024	30/06/2027
115	Multidetector	Siemens	FDOT421	2E24DD0	25/09/2024	30/06/2027
116	Multidetector	Siemens	FDOT421	2E25099	25/09/2024	30/06/2027
117	Multidetector	Siemens	FDOT421	2E250F6	25/09/2024	30/06/2027
118	Multidetector	Siemens	FDOT421	2E24D2D	25/09/2024	30/06/2027
119	Multidetector	Siemens	FD0T421	2E290D2	25/09/2024	30/06/2027
120	Multidetector	Siemens	FDOT421	2E24CDC	25/09/2024	30/06/2027
121	Multidetector	Siemens	FDOT421	2E250DC	25/09/2024	30/06/2027
122	Multidetector	Siemens	FDOT421	2E25093	25/09/2024	30/06/2027
123	Multidetector	Siemens	FDOT421	2E250DB	25/09/2024	30/06/2027
124	Multidetector	Siemens	FDOT421	2E24DA8	25/09/2024	30/06/2027
125	Multidetector	Siemens	FDOT421	2E250A5	25/09/2024	30/06/2027
126	Multidetector	Siemens	FDOT421	2E2509B	25/09/2024	30/06/2027
127	Multidetector	Siemens	FDOT421	2E24D0E	25/09/2024	30/06/2027
128	Multidetector	Siemens	FDOT421	2E24BFE	25/09/2024	30/06/2027
129	Multidetector	Siemens	FDOT421	2E24D28	25/09/2024	30/06/2027
130	Multidetector	Siemens	FDOT421	2E24D57	25/09/2024	30/06/2027
131	Multidetector	Siemens	FDOT421	2E25061	25/09/2024	30/06/2027
132	Multidetector	Siemens	FDOT421	2E2505D	25/09/2024	30/06/2027
133	Multidetector	Siemens	FDOT421	2E24D2E	25/09/2024	30/06/2027
134	Multidetector	Siemens	FDOT421	2E2509D	25/09/2024	30/06/2027
135	Multidetector	Siemens	FDOT421	2E24DCD	25/09/2024	30/06/2027
136	Multidetector	Siemens	FDOT421	2E24E59	25/09/2024	30/06/2027
137	Multidetector	Siemens	FDOT421	2E24BE9	25/09/2024	30/06/2027
138	Multidetector	Siemens	FDOT421	2E24E43	25/09/2024	30/06/2027
139	Multidetector	Siemens	FDOT421	2E24DD6	25/09/2024	30/06/2027
140	Multidetector	Siemens	FDOT421	2E24DD3	25/09/2024	30/06/2027
141	Multidetector	Siemens	FDOT421	2E24E4B	25/09/2024	30/06/2027
142	Multidetector	Siemens	FDOT421	2E24DCC	25/09/2024	30/06/2027
143	Multidetector	Siemens	FDOT421	2E24E57	25/09/2024	30/06/2027
144	Multidetector	Siemens	FDOT421	2E24BA4	25/09/2024	30/06/2027
145	Multidetector	Siemens	FDOT421	2E24E4E	25/09/2024	30/06/2027
146	Multidetector	Siemens	FDOT421	2E2509F	25/09/2024	30/06/2027
147	Multidetector	Siemens	FDOT421	2E24E49	25/09/2024	30/06/2027
148	Multidetector	Siemens	FDOT421	2E24E2B	25/09/2024	30/06/2027
149	Multidetector	Siemens	FDOT421	2E24E41	25/09/2024	30/06/2027
150	Multidetector	Siemens	FDOT421	2E24E44	25/09/2024	30/06/2027
151	Multidetector	Siemens	FDOT421	2E24CE8	25/09/2024	30/06/2027

152	Multidetector	Siemens	FD0T421	2E24E4F	25/09/2024	30/06/2027
152	Multidetector	Siemens	FD01421	2E24E4F 2E24E4A	25/09/2024	30/06/2027
153	Multidetector	Siemens	FD01421	2E24E4A 2E24D55	25/09/2024	30/06/2027
154	Multidetector	Siemens	FD01421	2E24D33	25/09/2024	30/06/2027
155	Multidetector	Siemens	FD01421	2E24E3F 2E24E62	25/09/2024	30/06/2027
150	Multidetector	Siemens	FD01421	2E24E02 2E24E42	25/09/2024	30/06/2027
157	Multidetector	Siemens	FD01421	2E24E42 2E24CDD	25/09/2024	30/06/2027
150	Multidetector		FD01421 FD0T421	2E24CDD 2E24E55		30/06/2027
160	Multidetector	Siemens Siemens	FD01421	2E24E35 2E24E33	25/09/2024	, ,
	Multidetector				25/09/2024	30/06/2027
161		Siemens	FDOT421	2E25054	25/09/2024	30/06/2027
162	Monitor Module	Siemens	HTRI-S	09A29DA	19/05/2024	30/06/2027
163	Monitor Module	Siemens	HTRI-S	09A27D7	19/05/2024	30/06/2027
164	Monitor Module	Siemens	HTRI-S	09A2A36	19/05/2024	30/06/2027
165	Monitor Module	Siemens	HTRI-S	09A2A5B	19/05/2024	30/06/2027
166	Monitor Module	Siemens	HTRI-S	09A2878	19/05/2024	30/06/2027
167	Monitor Module	Siemens	HTRI-S	09A262F	19/05/2024	30/06/2027
168	Monitor Module	Siemens	HTRI-S	09A2A41	19/05/2024	30/06/2027
169	Monitor Module	Siemens	HTRI-S	09A2A44	19/05/2024	30/06/2027
170	Monitor Module	Siemens	HTRI-S	09A27A8	19/05/2024	30/06/2027
171	Monitor Module	Siemens	HTRI-S	09A2A33	19/05/2024	30/06/2027
172	Monitor Module	Siemens	HTRI-S	09B5C8E	25/09/2024	30/06/2027
173	Monitor Module	Siemens	HTRI-S	09B5CBB	25/09/2024	30/06/2027
174	Manual Call Point	Siemens	HMS-S	09D53B9	19/05/2024	30/06/2027
175	Manual Call Point	Siemens	HMS-S	09D53FD	19/05/2024	30/06/2027
176	Manual Call Point	Siemens	HMS-S	0998910	19/05/2024	30/06/2027
177	Manual Call Point	Siemens	HMS-S	0998916	19/05/2024	30/06/2027
178	Manual Call Point	Siemens	HMS-S	09D51C3	19/05/2024	30/06/2027
179	Manual Call Point	Siemens	HMS-S	09988F2	19/05/2024	30/06/2027
180	Manual Call Point	Siemens	HMS-S	0954A05	19/05/2024	30/06/2027
181	Manual Call Point	Siemens	HMS-S	09D53A3	19/05/2024	30/06/2027
182	Manual Call Point	Siemens	HMS-S	09BFB14	25/09/2024	30/06/2027
183	Manual Call Point	Siemens	HMS-S	09BFAEE	25/09/2024	30/06/2027
184	Manual Call Point	Siemens	HMS-S	09BFB54	25/09/2024	30/06/2027
185	Manual Call Point	Siemens	HMS-S	09BFB4F	25/09/2024	30/06/2027
186	Manual Call Point	Siemens	HMS-S	09BFB60	25/09/2024	30/06/2027
187	Manual Call Point	Siemens	HMS-S	09BFB49	25/09/2024	30/06/2027
188	Manual Call Point	Siemens	HMS-S	09BFB42	25/09/2024	30/06/2027
189	Manual Call Point	Siemens	HMS-S	09BFB4C	25/09/2024	30/06/2027
190	Manual Call Point	Siemens	HMS-S	09BFB3F	25/09/2024	30/06/2027
191	Manual Call Point	Siemens	HMS-S	09BFB58	25/09/2024	30/06/2027
192	Control Module	Siemens	HTRI-R	09BFB71	19/05/2024	30/06/2027
193	Control Module	Siemens	HTRI-R	09BFA82	19/05/2024	30/06/2027
194	Control Module	Siemens	HTRI-R	09BFAFA	19/05/2024	30/06/2027
195	Control Module	Siemens	HTRI-R	09BFAE9	19/05/2024	30/06/2027
196	Control Module	Siemens	HTRI-R	09BFAC2	19/05/2024	30/06/2027
197	Control Module	Siemens	HTRI-R	09BFA69	19/05/2024	30/06/2027
198	Control Module	Siemens	HTRI-R	09BFAAE	19/05/2024	30/06/2027
199	Control Module	Siemens	HTRI-R	094983E	19/05/2024	30/06/2027
200	Control Module	Siemens	HTRI-R	09BFB15	19/05/2024	30/06/2027
	Control Module	Siemens	HTRI-R	09BFAFE	19/05/2024	30/06/2027
201						
201	Control Module	Siemens	HTRI-R	09BFB78	19/05/2024	30/06/2027

204	Control Module	Siemens	HTRI-R	094981A	19/05/2024	30/06/2027
205	Control Module	Siemens	HTRI-R	094980A	19/05/2024	30/06/2027
206	Control Module	Siemens	HTRI-R	094981C	19/05/2024	30/06/2027
207	Control Module	Siemens	HTRI-R	0949853	19/05/2024	30/06/2027
208	Control Module	Siemens	HTRI-R	0949841	19/05/2024	30/06/2027
209	Control Module	Siemens	HTRI-R	0949826	19/05/2024	30/06/2027
210	Control Module	Siemens	HTRI-R	0949842	19/05/2024	30/06/2027
211	Control Module	Siemens	HTRI-R	09497FF	19/05/2024	30/06/2027
212	Control Module	Siemens	HTRI-R	094984C	19/05/2024	30/06/2027
213	Control Module	Siemens	HTRI-R	0949805	19/05/2024	30/06/2027
214	Control Module	Siemens	HTRI-R	0949854	19/05/2024	30/06/2027
215	Control Module	Siemens	HTRI-R	0949806	19/05/2024	30/06/2027
216	Control Module	Siemens	HTRI-R	09497F8	19/05/2024	30/06/2027
217	Control Module	Siemens	HTRI-R	09BFB13	19/05/2024	30/06/2027
218	Control Module	Siemens	HTRI-R	0949850	19/05/2024	30/06/2027
219	Control Module	Siemens	HTRI-R	09BFA61	19/05/2024	30/06/2027
220	Control Module	Siemens	HTRI-R	09BFB28	19/05/2024	30/06/2027
221	Control Module	Siemens	HTRI-R	0949925	19/05/2024	30/06/2027
222	Control Module	Siemens	HTRI-R	09C7C03	25/09/2024	30/06/2027
223	Control Module	Siemens	HTRI-R	09C7C12	25/09/2024	30/06/2027
224	Control Module	Siemens	HTRI-R	09C7BD0	25/09/2024	30/06/2027
225	Control Module	Siemens	HTRI-R	09C7C08	25/09/2024	30/06/2027
226	Control Module	Siemens	HTRI-R	09C7BF7	25/09/2024	30/06/2027
227	Control Module	Siemens	HTRI-R	09C7BD1	25/09/2024	30/06/2027
228	Control Module	Siemens	HTRI-R	09C7BCE	25/09/2024	30/06/2027
229	Control Module	Siemens	HTRI-R	09C7BF9	25/09/2024	30/06/2027
230	Control Module	Siemens	HTRI-R	09C7C17	25/09/2024	30/06/2027
231	Control Module	Siemens	HTRI-R	09C7C13	25/09/2024	30/06/2027
232	Control Module	Siemens	HTRI-R	09C7C20	25/09/2024	30/06/2027
232	Control Module	Siemens	HTRI-R	09C7B97	25/09/2024	30/06/2027
234	Control Module	Siemens	HTRI-R	09C7BEB	25/09/2024	30/06/2027
235	Control Module	Siemens	HTRI-R	09C7B80	25/09/2024	30/06/2027
236	Control Module	Siemens	HTRI-R	09C7BBF	25/09/2024	30/06/2027
237	Control Module	Siemens	HTRI-R	09C7BC4	25/09/2024	30/06/2027
238	Control Module	Siemens	HTRI-R	09C7BEC	25/09/2024	30/06/2027
239	Control Module	Siemens	HTRI-R	09C7C16	25/09/2024	30/06/2027
240	Control Module	Siemens	HTRI-R	09C7BAB	25/09/2024	30/06/2027
241	Control Module	Siemens	HTRI-R	09C7B9B	25/09/2024	30/06/2027
242	Control Module	Siemens	HTRI-R	09C7BC8	25/09/2024	30/06/2027
243	Control Module	Siemens	HTRI-R	09C7C1E	25/09/2024	30/06/2027
244	Control Module	Siemens	HTRI-R	09C7BEE	25/09/2024	30/06/2027
245	Control Module	Siemens	HTRI-R	09C7BC9	25/09/2024	30/06/2027
246	Control Module	Siemens	HTRI-R	09C7BDF	25/09/2024	30/06/2027
240	Control Module	Siemens	HTRI-R	09C7BF3	25/09/2024	30/06/2027
247	Control Module	Siemens	HTRI-R	09C7C09	25/09/2024	30/06/2027
249	Control Module	Siemens	HTRI-R	09C7BB9	25/09/2024	30/06/2027
250	Control Module	Siemens	HTRI-R	09C7BD5	25/09/2024	30/06/2027
251	Control Module	Siemens	HTRI-R	09C7BB3	25/09/2024	30/06/2027
251	Control Module	Siemens	HTRI-R	09C7BBA	25/09/2024	30/06/2027
252	Response Indicator	Siemens	NA	NA	25/09/2024	30/06/2027
253	Sounder Cum Strobe	Siemens	ZH-MCR	NA	19/05/2024	30/06/2027
254	Sounder Cum Strobe					
200	Sounder Culli Strobe	Siemens	ZH-MCR	NA	19/05/2024	30/06/2027

256	Sounder Cum Strobe	Siemens	ZH-MCR	NA	19/05/2024	30/06/2027
257	Sounder Cum Strobe	Siemens	ZH-MCR	NA	19/05/2024	30/06/2027
258	Sounder Cum Strobe	Siemens	ZH-MCR	NA	19/05/2024	30/06/2027
259	Sounder Cum Strobe	Siemens	ZH-MCR	NA	19/05/2024	30/06/2027
260	Sounder Cum Strobe	Siemens	ZH-MCR	NA	19/05/2024	30/06/2027
261	Sounder Cum Strobe	Siemens	ZH-MC-R	Qty: 10 Nos.	25/09/2024	30/06/2027
262	Sounder Cum Strobe for Door Panic Bar	Siemens	ZH-MC-R	NA	25/09/2024	30/06/2027
263	Sounder Cum Strobe for Door Panic Bar	Siemens	ZH-MC-R	Qty: 3 Nos.	19/05/2024	30/06/2027
264	Repeater Panel for FAS	Siemens	Desigo/FT201 4	NA	19/05/2024	30/06/2027
265	Fault Isolator Module	Siemens	HLIM	Qty: 9 Nos.	19/05/2024	30/06/2027
266	Abort Switch	NA	NA	NA	19/05/2024	30/06/2027
267	Abort Switch	NA	NA	NA	19/05/2024	30/06/2027
268	Abort Switch	NA	NA	NA	19/05/2024	30/06/2027
269	Release Switch	NA	NA	NA	19/05/2024	30/06/2027
270	Release Switch	NA	NA	NA	19/05/2024	30/06/2027
271	Release Switch	NA	NA	NA	19/05/2024	30/06/2027
272	Pressure Box	Siemens	A6E60200461	Qty: 3 Nos.	19/05/2024	30/06/2027
273	Water Leak Detection System Panel	Synopsis	T103	10173	19/05/2024	30/06/2027
274	Water Leak Detection System Panel	Synopsis	T103	10174	19/05/2024	30/06/2027
275	Water Leak Detection System Panel	Synopsis	T103	10175	19/05/2024	30/06/2027
276	Water Leake Detection System (WLD) Panel	JAY FIRE SYSTEM	NA	JE/15333	19/05/2024	30/06/2027
277	Water Leake Detection System (WLD) Panel	JAY FIRE SYSTEM	NA	JE/15328	19/05/2024	30/06/2027
278	Water Leake Detection System (WLD) Hooter	Honeywell	NA	NA	19/05/2024	30/06/2027
279	WLD Hooter	Siemens	NA	NA	19/05/2024	30/06/2027
280	WLD Hooter	Siemens	NA	NA	19/05/2024	30/06/2027
281	WLD Hooter	Siemens	NA	NA	19/05/2024	30/06/2027
282	Hooter	Siemens	ZH-MC-R	Qty: 10 Nos	25/09/2024	30/06/2027
283	Very Early Smoke Detection Apparatus	Siemens	FDA221	5A166B9	19/05/2024	30/06/2027
284	Very Early Smoke Detection Apparatus	Siemens	FDA221	59ADF6B	19/05/2024	30/06/2027
285	Very Early Smoke Detection Apparatus	Siemens	FDA221	59ADF67	19/05/2024	30/06/2027
286	Very Early Smoke Detection (VESDA) Apparatus	Extralis	VLC RO	NA	19/05/2024	30/06/2027
287	Very Early Smoke Detection (VESDA) Apparatus Hooter	Extralis	NA	NA	19/05/2024	30/06/2027
288	VESDA Power Supply	Sanster	NA	NA	19/05/2024	30/06/2027
289	VESDA Power Supply	Sanster	NA	NA	19/05/2024	30/06/2027
290	VESDA Power Supply	Sanster	NA	NA	19/05/2024	30/06/2027
291	Rodent Panel	Synopsis	24 BL	10440	19/05/2024	30/06/2027
	Rodent Panel	Synopsis	24 BL 24 BL	10440	19/05/2024	30/06/2027
292						

294	Rodent Repelant System	Masar	Maser VHFO	6836, 6833, 6832, 6912, 6835	25/09/2024	30/06/2027
295	Rodent Repelant System Satellite	Masar	NA	NA	25/09/2024	30/06/2027
296	Transducer	Synopsis	R-Scat	10443	19/05/2024	30/06/2027
297	Transducer	Synopsis	R-Scat	10444	19/05/2024	30/06/2027
298	Transducer	Synopsis	R-Scat	10445	19/05/2024	30/06/2027
299	Transducer	Synopsis	R-Scat	10446	19/05/2024	30/06/2027
300	Transducer	Synopsis	R-Scat	10447	19/05/2024	30/06/2027
301	Transducer	Synopsis	R-Scat	10448	19/05/2024	30/06/2027
302	Transducer	Synopsis	R-Scat	10449	19/05/2024	30/06/2027
303	Transducer	Synopsis	R-Scat	10450	19/05/2024	30/06/2027
304	Transducer	Synopsis	R-Scat	10451	19/05/2024	30/06/2027
305	Transducer	Synopsis	R-Scat	10452	19/05/2024	30/06/2027
306	Transducer	Synopsis	R-Scat	10453	19/05/2024	30/06/2027
307	Transducer	Synopsis	R-Scat	10454	19/05/2024	30/06/2027
308	Transducer	Synopsis	R-Scat	10455	19/05/2024	30/06/2027
309	Transducer	Synopsis	R-Scat	10456	19/05/2024	30/06/2027
310	Transducer	Synopsis	R-Scat	10457	19/05/2024	30/06/2027
311	Transducer	Synopsis	R-Scat	10458	19/05/2024	30/06/2022
312	Transducer	Synopsis	R-Scat	10459	19/05/2024	30/06/2027
313	Transducer	Synopsis	R-Scat	10460	19/05/2024	30/06/2027
314	Transducer	Synopsis	R-Scat	10461	19/05/2024	30/06/2027
315	Transducer	Synopsis	R-Scat	10462	19/05/2024	30/06/2027
316	Transducer	Synopsis	R-Scat	10463	19/05/2024	30/06/2027
317	Transducer	Synopsis	R-Scat	10464	19/05/2024	30/06/2027
318	Transducer	Synopsis	R-Scat	10465	19/05/2024	30/06/2027
319	Transducer	Synopsis	R-Scat	10466	19/05/2024	30/06/2027
320	Transducer	Synopsis	R-Scat	10467	19/05/2024	30/06/202
321	Transducer	Synopsis	R-Scat	10468	19/05/2024	30/06/202
322	Transducer	Synopsis	R-Scat	10469	19/05/2024	30/06/202
323	Transducer	Synopsis	R-Scat	10470	19/05/2024	30/06/202
324	Transducer	Synopsis	R-Scat	10471	19/05/2024	30/06/2022
325	Transducer	Synopsis	R-Scat	10472	19/05/2024	30/06/2022
326	Transducer	Synopsis	R-Scat	10473	19/05/2024	30/06/2022
327	Transducer	Synopsis	R-Scat	10474	19/05/2024	30/06/2027
328	Transducer	Synopsis	R-Scat	10475	19/05/2024	30/06/202
329	Transducer	Synopsis	R-Scat	10476	19/05/2024	30/06/2022
330	Transducer	Synopsis	R-Scat	10477	19/05/2024	30/06/2022
331	Transducer	Synopsis	R-Scat	10478	19/05/2024	30/06/2022
332	Transducer	Synopsis	R-Scat	10479	19/05/2024	30/06/2022
333	Transducer	Synopsis	R-Scat	10480	19/05/2024	30/06/2022
334	Transducer	Synopsis	R-Scat	10481	19/05/2024	30/06/2027
335	Transducer	Synopsis	R-Scat	10482	19/05/2024	30/06/2027
336	Transducer	Synopsis	R-Scat	10483	19/05/2024	30/06/2027
337	Transducer	Synopsis	R-Scat	10484	19/05/2024	30/06/2027
338	Transducer	Synopsis	R-Scat	10485	19/05/2024	30/06/202
339	Transducer	Synopsis	R-Scat	10485	19/05/2024	30/06/202
340	Transducer	Synopsis	R-Scat	10480	19/05/2024	30/06/202
340	Transducer	Synopsis	R-Scat R-Scat	10487	19/05/2024	30/06/202
341	Transducer	Synopsis	R-Scat R-Scat	10488	19/05/2024	30/06/202

343	Transducer	Synopsis	R-Scat	10490	19/05/2024	30/06/2027
344	Transducer	Synopsis	R-Scat	10491	19/05/2024	30/06/2027
345	Transducer	Synopsis	R-Scat	10492	19/05/2024	30/06/2027
346	Transducer	Synopsis	R-Scat	10493	19/05/2024	30/06/2027
347	Transducer	Synopsis	R-Scat	10494	19/05/2024	30/06/2027
348	Transducer	Synopsis	R-Scat	10495	19/05/2024	30/06/2027
349	Transducer	Synopsis	R-Scat	10496	19/05/2024	30/06/2027
350	Transducer	Synopsis	R-Scat	10497	19/05/2024	30/06/2027
351	Transducer	Synopsis	R-Scat	10498	19/05/2024	30/06/2027
352	Transducer	Synopsis	R-Scat	10499	19/05/2024	30/06/2027
353	Transducer	Synopsis	R-Scat	10500	19/05/2024	30/06/2027
354	Fire Suppression System Panel	Ravel	RE-120GR	11598A01104	19/05/2024	30/06/2027
355	Fire Suppression System Panel	Ravel	RE-120GR	11598B01270	19/05/2024	30/06/2027
356	Fire Suppression System Panel	Ravel	RE-120GR	11598A01261	19/05/2024	30/06/2027
357	Fire Suppression System Panel	Ravel	RE-GR	NA	25/09/2024	30/06/2027
358	Fire Suppression System Panel	Ravel	RE-GR	NA	25/09/2024	30/06/2027
359	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
360	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
361	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
362	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
363	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
364	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
365	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
366	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
367	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
368	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
369	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
370	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
371	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
372	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
373	Fire Suppression Cylinder (Novec-1230)	Siemens	Sinorix	NA	19/05/2024	30/06/2027
374	Fire Suppression Cylinder (Novec-1230)	Honeywell/An sul	Sapphire	NA	25/09/2024	30/06/2027
	Fire Suppression Cylinder	Honeywell/An				

376	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
377	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
378	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
379	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
380	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
381	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
382	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
383	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
384	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
385	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
386	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
387	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
388	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
389	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
390	Fire Suppression Cylinder Nozzle	Siemens	VSB33	NA	19/05/2024	30/06/2027
391	FSS Hooter	NA	NA	NA	19/05/2024	30/06/2027
392	FSS Hooter	NA	NA	NA	19/05/2024	30/06/2027
393	FSS Hooter	NA	NA	NA	19/05/2024	30/06/2027
394	ELECTRIC ACTUATOR for FSS	Honeywell/An sul	TSP	Qty: 2	25/09/2024	30/06/2027
395	Access Controller	Siemens	AC5102	S5407-C22-A1	19/05/2024	30/06/2027
396	Access Control Software	Siemens	Sipass	NA	19/05/2024	30/06/2027
397	Main Access Controller	Siemens	AC5200 (ACC- Lite)	33639668	25/09/2024	30/06/2027
398	ACS Software with License	Siemens	SiPass	NA	25/09/2024	30/06/2027
399	Card Reader	HID	iClass SE-iClass R10	<b>Qty:</b> 19 Nos	19/05/2024	30/06/2027
400	Card Reader	HID	iClass R10	H00J0S004F	25/09/2024	30/06/2027
401	Card Reader	HID	iClass R10	H00J0S0045	25/09/2024	30/06/2027
402	Card Reader	HID	iClass R10	H00J0S004H	25/09/2024	30/06/2027
403	Card Reader	HID	iClass R10	H00J0S004I	25/09/2024	30/06/2027
404	Card Reader	HID	iClass R10	H00J0S004N	25/09/2024	30/06/2027
405	Card Reader	HID	iClass R10	H00J0S0040	25/09/2024	30/06/2027
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409Card Rea410Card Rea411Card Rea411Card Rea412Biometria413Biometria414Biometria415Biometria416Push But417Push But418Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen	Reader	HID	iClass R10	H00J00S004N	25/09/2024	30/06/2027
409Card Rea410Card Rea411Card Rea411Card Rea412Biometria413Biometria414Biometria415Biometria416Push But417Push But418Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	Reader with PIN Pad	HID	iClass RK40	NA	19/05/2024	30/06/2027
411Card Rea412Biometria413Biometria414Biometria415Biometria416Push But417Push But418Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	Reader with PIN Pad	HID	iClass RK40	HI0J1G0000	25/09/2024	30/06/2027
412Biometria413Biometria414Biometria415Biometria416Push But417Push But418Emergen419Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	Reader with PIN Pad	HID	iClass RK40	H00J09001C	25/09/2024	30/06/2027
413Biometrie414Biometrie415Biometrie415Biometrie416Push But417Push But418Emergen419Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	Reader with PIN Pad	HID	iClass RK40	H00J0900ID	25/09/2024	30/06/2027
414Biometric415Biometric416Push But417Push But417Push But418Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	etric Reader	Morpho	MA Sigma Lite Multi WR	1819SML0004181	19/05/2024	30/06/2027
415Biometrie416Push But417Push But417Push But418Emergen419Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	etric Reader	Morpho	MA Sigma Lite Multi WR	1820SML0000185	25/09/2024	30/06/2027
416Push But417Push But418Emergen419Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	etric Reader	Morpho	MA Sigma Lite Multi WR	1819SML0003827	25/09/2024	30/06/2027
417Push But418Emergen419Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	etric Reader	Morpho	MA Sigma Lite Multi WR	1819SML0004488	25/09/2024	30/06/2027
418Emergen419Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	Button	EBELCO	EBP-S01A	NA	19/05/2024	30/06/2027
419Emergen420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	Button	NA	NA	Qty: 5 Nos.	25/09/2024	30/06/2027
420Emergen421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	ency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
421Emergen422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	ency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	ency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
422Emergen423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	ency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
423Emergen424Emergen425Emergen426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	ency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
424Emergen425Emergen426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	gency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
425Emergen426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	ency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
426Emergen427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	gency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
427Emergen428EM Lock429EM Lock430EM Lock431EM Lock432EM Lock433EM Lock434EM Lock435EM Lock436EM Lock	gency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
428       EM Lock         429       EM Lock         430       EM Lock         431       EM Lock         432       EM Lock         433       EM Lock         434       EM Lock         435       EM Lock         436       EM Lock	gency Break Glass	Agni	NA	NA	19/05/2024	30/06/2027
430       EM Lock         431       EM Lock         432       EM Lock         433       EM Lock         434       EM Lock         435       EM Lock         436       EM Lock		Algatech	ALAUL275CDP	275A C3-DP16860	19/05/2024	30/06/2027
431       EM Lock         432       EM Lock         433       EM Lock         434       EM Lock         435       EM Lock         436       EM Lock	ck	Algatech	ALAUL275CDP	275A C3-DP16843	19/05/2024	30/06/2027
432         EM Lock           433         EM Lock           434         EM Lock           435         EM Lock           436         EM Lock	ck	Algatech	ALAUL275CDP	275A C3-DP17096	19/05/2024	30/06/2027
433         EM Lock           434         EM Lock           435         EM Lock           436         EM Lock	ck	Algatech	ALAUL275CDP	275A C3-DP16833	19/05/2024	30/06/2027
434EM Lock435EM Lock436EM Lock	ck	Algatech	UL275C-SPN	275AC3N-SP90473	19/05/2024	30/06/2027
435 EM Lock 436 EM Lock	ck	Algatech	ALAUL275CDP	275A C3-DP16844	19/05/2024	30/06/2027
436 EM Lock	ck	Algatech	ALAUL275CDP	275A C3-DP16834	19/05/2024	30/06/2027
	ck	Algatech	ALAUL275CDP	275A C3-DP16838	19/05/2024	30/06/2027
437 EM Lock	ck	Algatech	ALAUL275CDP	275A C3-DP16845	19/05/2024	30/06/2027
	ck	Algatech	ALAUL275CDP	275A C3-DP17095	19/05/2024	30/06/2027
438 EM Lock	ck	Bell	600 LED	Qty: 14 Nos	25/09/2024	30/06/2027
	reader Interface	Siemens	ADE5300	7020751	25/09/2024	30/06/2027
	leader interface	Siemens	ADD5100	NA	19/05/2024	30/06/2027
	Door (reader) Interface	Siemens	ADD5100	NA	19/05/2024	30/06/2027

442         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           443         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           444         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           444         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           444         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           444         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           447         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           452         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>							
444         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           445         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           446         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           447         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           448         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           450         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           452         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Ia CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16PI         C35391983         19/05/2024	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	442
445         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           446         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           447         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           448         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           450         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           452         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024 <td< td=""><td>24 30/06/2027</td><td>19/05/2024</td><td>NA</td><td>ADD5100</td><td>Siemens</td><td>Dual Door (reader) Interface</td><td>443</td></td<>	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	443
446         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           447         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           448         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           449         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           450         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HiKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024 <td>24 30/06/2027</td> <td>19/05/2024</td> <td>NA</td> <td>ADD5100</td> <td>Siemens</td> <td>Dual Door (reader) Interface</td> <td>444</td>	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	444
447         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           448         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           449         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           450         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           458         16 CH NVR with internal HDD         HiKVISION         Ds7616NI- K2/16P         C35391909         19/05/2024           459         16 CH NVR with internal HDD         HiKVISION         Ds7616NI- K2/16P         C35391902         19/05/2024 </td <td>24 30/06/2027</td> <td>19/05/2024</td> <td>NA</td> <td>ADD5100</td> <td>Siemens</td> <td>Dual Door (reader) Interface</td> <td>445</td>	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	445
448         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           449         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           450         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391909         19/05/2024           459         16 CH NVR with internal HDD         HiKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	446
449         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           450         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           452         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI-         C35391909         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS71616NI-         C35391923         19/05/2024           461         16 CH NVR with internal HDD         HikVISION         DS-7616NI-         C35391923         19/05/2024 <td>24 30/06/2027</td> <td>19/05/2024</td> <td>NA</td> <td>ADD5100</td> <td>Siemens</td> <td>Dual Door (reader) Interface</td> <td>447</td>	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	447
450         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           451         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           452         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI-         C35391909         19/05/2024           458         16 CH NVR with internal HDD         HIKVISION         DS7616NI-         C35391923         19/05/2024           461         16 CH NVR with internal HDD         HikVISION         DS7616NI-         C35391923         19/05/2024           462         CCTV CAMERA         HIKVISION         DS-         C57674759         19/05/2024	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	448
451         Dual Door (reader) Interface         Siemens         ADD5100         NA         19/05/2024           452         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391909         19/05/2024           458         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           462         CCTV CAMERA         HIKVISION         DS- C201123G0-1         C57674759         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2C01123G0-1         C57674754	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	449
452         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI-         C35391909         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI-         C35391923         19/05/2024           460         16 CH NVR with internal HDD         HIKVISION         DS-7616NI-         C35391923         19/05/2024           461         16 CH NVR with internal HDD         HikVISION         DS7616NI-         C35391923         19/05/2024           462         CCTV CAMERA         HIKVISION         DS-         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS-         C57674754         19/05/2024	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	450
453         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391909         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         HikVISION         DS-7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 2057616NI- K2/16P         C96108239         25/09/2024           463         CCTV CAMERA         HIKVISION         DS- 2021123G0-1         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2021123G0-1	24 30/06/2027	19/05/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	451
454         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391909         19/05/2024           458         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C96108225         25/09/2024           460         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- C2D1123G0-1         C57674754         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1 <td>24 30/06/2027</td> <td>25/09/2024</td> <td>NA</td> <td>ADD5100</td> <td>Siemens</td> <td>Dual Door (reader) Interface</td> <td>452</td>	24 30/06/2027	25/09/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	452
455         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391909         19/05/2024           458         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         HikVISION         DS-7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         HikVISION         DS-7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 20D1123G0-I         C57674754         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 20D1123G0-I         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 20D1123G0-I         C57674754         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 20D1123G0-I<	24 30/06/2027	25/09/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	453
456         Dual Door (reader) Interface         Siemens         ADD5100         NA         25/09/2024           457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391909         19/05/2024           458         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391883         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         2DS- 2CD1123G0-1         C57674713         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1<	24 30/06/2027	25/09/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	454
457         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391909         19/05/2024           458         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391883         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674729         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674701         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1 <td>24 30/06/2027</td> <td>25/09/2024</td> <td>NA</td> <td>ADD5100</td> <td>Siemens</td> <td>Dual Door (reader) Interface</td> <td>455</td>	24 30/06/2027	25/09/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	455
457         16 CH NVR with internal HDD         HIKVISION         K2/16P         C.35391909         19/05/2024           458         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391883         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         HIKVISION         DS7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674713         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1	24 30/06/2027	25/09/2024	NA	ADD5100	Siemens	Dual Door (reader) Interface	456
458         16 CH NVR with internal HDD         HikVISION         K2/16P         C35391883         19/05/2024           459         16 CH NVR with internal HDD         HIKVISION         DS-7616NI- K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         Hikvision         DS         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- ZCD1123G0-1         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674754         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674758         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674751         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674752         1	24 30/06/2027	19/05/2024	C35391909		HIKVISION	16 CH NVR with internal HDD	457
459         16 CH NVR with internal HDD         Hikvision         K2/16P         C35391923         19/05/2024           460         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108225         25/09/2024           461         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674729         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674758         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674751         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674752         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674755         19/05	24 30/06/2027	19/05/2024	C35391883	K2/16P	HIKVISION	16 CH NVR with internal HDD	458
460         16 CH NVR with internal HDD         Hikvision         K2/16P         C/96108225         25/09/2024           461         16 CH NVR with internal HDD         Hikvision         DS7616NI- K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674754         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674714         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674752         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674755         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-1         C57674744         19/05/2024     <	24 30/06/2027	19/05/2024	C35391923	K2/16P	HIKVISION	16 CH NVR with internal HDD	459
461         16 CH NVR with internal HDD         Hikvision         K2/16P         C96108239         25/09/2024           462         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674729         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674758         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674713         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674752         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024	24 30/06/2027	25/09/2024	C96108225	K2/16P	Hikvision	16 CH NVR with internal HDD	460
462         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674759         19/05/2024           463         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674729         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674758         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674713         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           472	24 30/06/2027	25/09/2024	C96108239		Hikvision	16 CH NVR with internal HDD	461
463         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674754         19/05/2024           464         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674729         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674713         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674752         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           472         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           473	24 30/06/2027	19/05/2024	C57674759	-	HIKVISION	CCTV CAMERA	462
464         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674714         19/05/2024           465         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674713         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674752         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           472         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           473         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           474	24 30/06/2027	19/05/2024	C57674754		HIKVISION	CCTV CAMERA	463
465         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674714         19/05/2024           466         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674758         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674752         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           472         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           473         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           474         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024           475	24 30/06/2027	19/05/2024	C57674729	2CD1123G0-I	HIKVISION	CCTV CAMERA	464
466         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674758         19/05/2024           467         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674713         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674713         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674752         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           472         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           473         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           474         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024           475	30/06/2027	19/05/2024	C57674714	2CD1123G0-I	HIKVISION	CCTV CAMERA	465
467         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674701         19/05/2024           468         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674713         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674752         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           472         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           473         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           474         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674723         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674723         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024	24 30/06/2027	19/05/2024	C57674758	2CD1123G0-I	HIKVISION	CCTV CAMERA	466
468         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674713         19/05/2024           469         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674752         19/05/2024           470         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           471         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674755         19/05/2024           472         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674744         19/05/2024           473         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           474         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674742         19/05/2024           474         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674723         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024	24 30/06/2027	19/05/2024	C57674701	2CD1123G0-I	HIKVISION	CCTV CAMERA	467
469       CCTV CAMERA       HIKVISION       2CD1123G0-I       C57674752       19/05/2024         470       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674755       19/05/2024         471       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674744       19/05/2024         472       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674739       19/05/2024         473       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674742       19/05/2024         474       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674723       19/05/2024         475       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674747       19/05/2024	24 30/06/2027	19/05/2024	C57674713	2CD1123G0-I	HIKVISION	CCTV CAMERA	468
470       CCTV CAMERA       HIKVISION       2CD1123G0-I       C57674755       19/05/2024         471       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674744       19/05/2024         472       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674739       19/05/2024         473       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674742       19/05/2024         474       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674723       19/05/2024         475       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674747       19/05/2024	24 30/06/2027	19/05/2024	C57674752	2CD1123G0-I	HIKVISION	CCTV CAMERA	469
471       CCTV CAMERA       HIKVISION       2CD1123G0-I       C57674744       19/05/2024         472       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674739       19/05/2024         473       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674742       19/05/2024         474       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674742       19/05/2024         474       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674723       19/05/2024         475       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674747       19/05/2024	24 30/06/2027	19/05/2024	C57674755	2CD1123G0-I	HIKVISION	CCTV CAMERA	470
472       CCTV CAMERA       HIKVISION       2CD1123G0-I       C57674739       19/05/2024         473       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674742       19/05/2024         474       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674723       19/05/2024         475       CCTV CAMERA       HIKVISION       DS- 2CD1123G0-I       C57674747       19/05/2024	24 30/06/2027	19/05/2024	C57674744	2CD1123G0-I	HIKVISION	CCTV CAMERA	471
473         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674742         19/05/2024           474         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674723         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024	24 30/06/2027	19/05/2024	C57674739	2CD1123G0-I	HIKVISION	CCTV CAMERA	472
474         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674723         19/05/2024           475         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674747         19/05/2024	24 30/06/2027	19/05/2024	C57674742	2CD1123G0-I	HIKVISION	CCTV CAMERA	473
475 CCTV CAMERA HIKVISION 2CD1123G0-I C57674747 19/05/2024	24 30/06/2027	19/05/2024	C57674723	2CD1123G0-I	HIKVISION	CCTV CAMERA	474
	24 30/06/2027	19/05/2024	C57674747	2CD1123G0-I	HIKVISION	CCTV CAMERA	475
476         CCTV CAMERA         HIKVISION         2CD1123G0-I         C57674743         19/05/2024	24 30/06/2027	19/05/2024	C57674743		HIKVISION	CCTV CAMERA	476
477         CCTV CAMERA         HIKVISION         DS- 2CD1123G0-I         C57674700         19/05/2024	30/06/2027	19/05/2024	C57674700	-	HIKVISION	CCTV CAMERA	477

478	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674740	19/05/2024	30/06/2027
479	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674756	19/05/2024	30/06/2027
480	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674716	19/05/2024	30/06/2027
481	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674711	19/05/2024	30/06/2027
482	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674746	19/05/2024	30/06/2027
483	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674731	19/05/2024	30/06/2027
484	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674704	19/05/2024	30/06/2027
485	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674725	19/05/2024	30/06/2027
486	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674732	19/05/2024	30/06/2027
487	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674708	19/05/2024	30/06/2027
488	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674707	19/05/2024	30/06/2027
489	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674706	19/05/2024	30/06/2027
490	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674715	19/05/2024	30/06/2027
491	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674724	19/05/2024	30/06/2027
492	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674750	19/05/2024	30/06/2027
493	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674762	19/05/2024	30/06/2027
494	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674736	19/05/2024	30/06/2027
495	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674728	19/05/2024	30/06/2027
496	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674710	19/05/2024	30/06/2027
497	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674709	19/05/2024	30/06/2027
498	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674735	19/05/2024	30/06/2027
499	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674760	19/05/2024	30/06/2027
500	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674733	19/05/2024	30/06/2027
501	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674712	19/05/2024	30/06/2027
502	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674717	19/05/2024	30/06/2027
503	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674738	19/05/2024	30/06/2027
504	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674761	19/05/2024	30/06/2027
505	CCTV CAMERA	HIKVISION	DS- 2CD1123G0-I	C57674705	19/05/2024	30/06/2027
506	CCTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851106	25/09/2024	30/06/2027
507	CCTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851040	25/09/2024	30/06/2027

510     C       511     C       512     C       513     C       514     C       515     C       516     C       517     C	CTV CAMERA CTV CAMERA CTV CAMERA CTV CAMERA CTV CAMERA CTV CAMERA CTV CAMERA CTV CAMERA	Hikvision Hikvision Hikvision Hikvision Hikvision Hikvision	2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I	C89850823 C89850570 C89851034 C89851025 C89851047	25/09/2024 25/09/2024 25/09/2024 25/09/2024 25/09/2024	30/06/2027 30/06/2027 30/06/2027 30/06/2027
511     Co       512     Co       513     Co       514     Co       515     Co       516     Co       517     Co	CCTV CAMERA	Hikvision Hikvision Hikvision Hikvision	DS- 2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS-	C89851034 C89851025	25/09/2024 25/09/2024	30/06/2027
512     Co       513     Co       514     Co       515     Co       516     Co       517     Co	CCTV CAMERA	Hikvision Hikvision Hikvision	2CD1123GO-I DS- 2CD1123GO-I DS- 2CD1123GO-I DS-	C89851025	25/09/2024	
513     Co       514     Co       515     Co       516     Co       517     Co	CCTV CAMERA	Hikvision Hikvision	2CD1123GO-I DS- 2CD1123GO-I DS-			30/06/2027
514     C0       515     C0       516     C0       517     C0	CCTV CAMERA	Hikvision	2CD1123GO-I DS-	C89851047	25/09/2024	
515     C0       516     C0       517     C0	CTV CAMERA				. ,	30/06/2027
516 C( 517 C(		Hikvision	0001	C89851107	25/09/2024	30/06/2027
517 C	CTV CAMERA		DS- 2CD1123GO-I	C89851029	25/09/2024	30/06/2027
		Hikvision	DS- 2CD1123GO-I	C89851049	25/09/2024	30/06/2027
518 C	CTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851061	25/09/2024	30/06/2027
	CTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851065	25/09/2024	30/06/2027
519 C	CTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851020	25/09/2024	30/06/2027
520 C	CTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89850999	25/09/2024	30/06/2027
521 C	CTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851058	25/09/2024	30/06/2027
522 C	CTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851070	25/09/2024	30/06/2027
523 C	CTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851092	25/09/2024	30/06/2027
524 CO	CCTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89850998	25/09/2024	30/06/2027
525 C	CCTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851066	25/09/2024	30/06/2027
526 C	CCTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89850833	25/09/2024	30/06/2027
527 C	CCTV CAMERA	Hikvision	DS- 2CD1123GO-I	C89851039	25/09/2024	30/06/2027
528 CO	CTV Rack	NETRACK	WM-6-550500	NA	19/05/2024	30/06/2027
	PA CD-DVD Player	SONY	DVP-SR660P	NA	19/05/2024	30/06/2027
	A Plena Massage Manager	BOSCH	LBB1965/00	NA	19/05/2024	30/06/2027
	PA Plena System Pre Amplifier	BOSCH	LBB1925/10	NA	19/05/2024	30/06/2027
532 P/	PA Plena Amplifier	BOSCH	LBB1930/20	NA	19/05/2024	30/06/2027
533 PA	A 12 W Volume Controller	BOSCH	LBC1400/10	F01U020143	19/05/2024	30/06/2027
	PA 6 Zone Selection Controller vith Microphone	BOSCH	LBB1946/00	F01U505596	19/05/2024	30/06/2027
535 P/	A-CD/DVD Player	Philips	DVP3326X/94	NA	25/09/2024	30/06/2027
	A-System Voice Alarm Controller	Bosch	LBB1990/00	NA	25/09/2024	30/06/2027
537 Vo	olume Controller	Bosch	NA	NA	25/09/2024	30/06/2027
538 Ca	Call Station	Bosch	LBB1956/00	NA	25/09/2024	30/06/2027
539 PA	A-Speaker	AHUJA	NA	Qty: 30 Nos.	25/09/2024	30/06/2027
	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/2027
	A SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/2027
542 PA		BOSCH	LBD 0606/10	NA	19/05/2024	30/06/2027

		1	1	1	1	
543	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/2027
544	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/2027
545	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/2022
546	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/202
547	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/202
548	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/202
549	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/202
550	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/202
551	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024	30/06/202
552 553	PA SPEAKER PA SPEAKER	BOSCH BOSCH	LBD 0606/10	NA NA	19/05/2024	30/06/202
555	PA SPEAKER	BOSCH	LBD 0606/10 LBD 0606/10	NA	19/05/2024 19/05/2024	30/06/202 30/06/202
555	PA SPEAKER	BOSCH	LBD 0606/10	NA		
556	PA SPEAKER	BOSCH	LBD 0606/10	NA	19/05/2024 19/05/2024	30/06/202 30/06/202
557	PA System RACK	NETRACK	WM-9-550500	NA	19/05/2024	30/06/202
558	ATS for PAC	L&T	CX2- C02-125	CK90161B000081 80598	19/05/2024	30/06/2027
559	ATS for PAC	L&T	CX2- CO2-125	CK90161B000111 80530	19/05/2024	30/06/2027
560	ATS for PAC	L&T	CX2- CO2-125	CK90161B000111 80408	19/05/2024	30/06/2022
561	ATS for PAC	L&T	CX2- CO2-125	CK90161B000111 80577	19/05/2024	30/06/202
562	ATS for PAC	L&T	CX2- CO2-125	CK90161B000111 80527	19/05/2024	30/06/2022
563	ATS for PAC	L&T	CX2- CO2-125	CK90161B000081 80582	19/05/2024	30/06/202
564	ATS for Rack	Eaton	EATS16N	GA04K03062	19/05/2024	30/06/202
565	ATS for Rack	Eaton	EATS16N	GA04K03059	19/05/2024	30/06/202
566	ATS for Rack	Eaton	EATS16N	GA04K03058	19/05/2024	30/06/202
567	ATS for Rack	Eaton	EATS16N	GA04K03057	19/05/2024	30/06/202
568	ATS for Rack	Eaton	EATS16N	GA04K03061	19/05/2024	30/06/202
569	ATS for Rack	Eaton	EATS16N	GA04K03060	19/05/2024	30/06/202
570	ATS for Rack	Eaton	EATS16N	GA04K03063	19/05/2024	30/06/202
571	ATS for Rack	Eaton	EATS16N	GA04K03064	19/05/2024	30/06/202
572	Network Switch for BMS	CISCO	SG300-52P-K9	PSZ22231CVS	19/05/2024	30/06/202
573	Building Management System (BMS) RACK	Honeywell	NA	Qty: 3 Nos.	25/09/2024	30/06/202
574	Hand Held Fire Extinguisher	Flame Cool	ABC Type	35831	19/05/2024	30/06/202

575	Hand Held Fire Extinguisher	Flame Cool	ABC Type	35799	19/05/2024	30/06/2027
576	Hand Held Fire Extinguisher	Flame Cool	ABC Type	35829	19/05/2024	30/06/2027
577	Hand Held Fire Extinguisher	Flame Cool	ABC Type	35819	19/05/2024	30/06/2027
578	Hand Held Fire Extinguisher	Flame Cool	ABC Type	35839	19/05/2024	30/06/2027
579	Hand Held Fire Extinguisher	Flame Cool	ABC Type	35833	19/05/2024	30/06/2027
580	Hand Held Fire Extinguisher	Kanadia Fyr Fyter Pvt Ltd	ABC/Clean Agent	<b>Qty:</b> 14 Nos	NA	30/06/2027
581	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
582	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
583	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
584	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
585	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
586	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
587	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
588	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027
589	Temperature Sensor	Siemens	QAA2012	NA	19/05/2024	30/06/2027

# **13)** Existing Building Management System software with all related accessories installed at West Bengal State Data Center, Monibhandar

SI. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Expiry Date	Required extended Warranty / AMC up to
1	IBMS Software	Siemens	Desigo CC	NA	25/09/2024	30/06/2027
2	Building Management System (BMS) Panel with All Controller	Siemens	PXC 22.1-E.D, PXC 001-E.D	NA	25/09/2024	30/06/2027
3	DDC CONTROLLER	Siemens	PXC_22.1-E.D	181113F2051	25/09/2024	30/06/2027
4	DDC CONTROLLER	Siemens	PXC_001-E.D	181121D17072	25/09/2024	30/06/2027
5	IBMS Software	Siemens	Desigo CC	NA	19/05/2024	30/06/2027
6	DDC Panel with IBMS Controller	Siemens	PXC100.E.D, PXC001.E.D, PXC36	Qty: 2 Nos	19/05/2024	30/06/2027
7	DDC Panel with DCIM Controller	Schneider Electric	Smart X Controller	NA	19/05/2024	30/06/2027
8	DCE SERVER with Application	Dell/SE-OEM	OEMR XL R230	206NCP2	19/05/2024	30/06/2027
9	ADP MACHINE -SERVER (DCO) with Application	Dell/SE-OEM	PowerEdge R530	CYQCMP2	19/05/2024	30/06/2027
10	Computer server (ITO) with Application	Dell/SE-OEM	PowerEdge R230	BWMJ9R2	19/05/2024	30/06/2027
11	AI ENGINE R330 (Cooling Server) with Application	Vigilant/Dell/SE- OEM	OEMR XL R330	C56MHQ2	19/05/2024	30/06/2027
12	DCE SERVER	Schneider Electric	AP9465	FA1817651693	19/05/2024	30/06/2027

# 14) Existing Display Units for Monitoring of Various IT and Non-IT Infrastructure with all related accessories installed at West Bengal State Data Center, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended Warranty / AMC up to
1	LED MONITOR for CCTV Display	Samsung	LS24F350FHWXXL	ZZPLH4ZK800110N	19/05/2024	30/06/2027
2	LED MONITOR for CCTV Display	Samsung	LS24F350FHWXXL	ZZPLH4ZK800217K	19/05/2024	30/06/2027
3	LED MONITOR for CCTV Display	Samsung	LS24F350FHWXXL	ZZPLH4ZK600802N	19/05/2024	30/06/2027
4	Video Display for NOC	LG	47LV35A	809PMBV016829	19/05/2024	30/06/2027
5	Video Display for NOC	LG	47LV35A	809PMVP016831	19/05/2024	30/06/2027
6	Video Display for NOC	LG	47LV35A	809PMAN016824	19/05/2024	30/06/2027
7	Video Display for NOC	LG	47LV35A	809PMPF016832	19/05/2024	30/06/2027
8	Video Display for NOC	LG	47LV35A	809PMND016823	19/05/2024	30/06/2027
9	Video Display for NOC	LG	47LV35A	809PMWU016825	19/05/2024	30/06/2027
10	Video Display Wall controller	Aten	VM1600A	A1I5-298-0002	19/05/2024	30/06/2027
11	I/O module for Video Display Controller	Aten	VM7804	A1I5-239-0017	19/05/2024	30/06/2027
12	I/O module for Video Display Controller	Aten	VM7804	A1I5-239-0018	19/05/2024	30/06/2027
13	I/O module for Video Display Controller	Aten	VM8804	A1I4-195-0033	19/05/2024	30/06/2027
14	I/O module for Video Display Controller	Aten	VM8804	A1I4-195-0034	19/05/2024	30/06/2027
15	LED MONITOR for CCTV Display	SAMSUNG	LS24F350FHWXXL	ZZPLH4ZK700251X	25/09/2024	30/06/2027
16	LED Monitor	LG	22M38D	Qty: 18 Nos	25/09/2024	30/06/2027
17	LED Display at BMS Room	LG	49SE3KD	810PMLK061008	21/02/2022	30/06/2027
18	LED Display at BMS Room	LG	49SE3KD	810PMBV060997	21/02/2022	30/06/2027
19	LED Display at BMS Room	LG	49SE3KD	810PMWU060993	21/02/2022	30/06/2027
20	LED Display at BMS Room	LG	49SE3KD	810PMTL060985	21/02/2022	30/06/2027

## 15) Existing old Structured Passive Cabling Components of LAN infrastructure installed at 1st Floor & 2nd Floor of WBSDC, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended warranty up to
1	MPO Cassette - 87 Nos.	Commscope	N/A	N/A	19/05/2024	30/06/2027
2	MPO Cassette Panel – 46 Nos.	Commscope	N/A	N/A	19/05/2024	30/06/2027
3	Patch Panel Cat6A – 8 Nos.	Commscope	N/A	N/A	19/05/2024	30/06/2027
4	Cat6A Cable with other accessories – LS	Commscop	N/A	N/A	19/05/2024	30/06/2027

# 16) Existing Checkpoint Make Network Security Devices with all related accessories installed at WBSDC, Monibhandar

SI. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended Warranty up to
1	Network Security Gateway	Checkpoint	Checkpoint 23500	LR201907015565	13/06/2024	30/06/2027
2	Network Security Gateway	Checkpoint	Checkpoint 23500	LR201907015566	13/06/2024	30/06/2027
3	Network Security Management	Checkpoint	Checkpoint Smart- 1 410	1847BA0434	14/06/2024	30/06/2027
4	Threat Emulation	Checkpoint	Checkpoint TE1000X	1926BA1146	14/06/2024	30/06/2027
5	Threat Emulation	Checkpoint	Checkpoint TE1000X	1907BA0621	14/06/2024	30/06/2027

# 17) Existing Array Networks make WAF and Load Balancer with all related accessories installed at WBSDC, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended Warranty up to
1	WAF / Hardware Load Balancer	Array Networks	Array AVX-10650	1414I01469606 5140300621523 4460	26/09/2023	30/06/2027
2	WAF / Hardware Load Balancer	Array Networks	Array AVX-10650	1938I07669606 5302614613143 3142	26/09/2023	30/06/2027

# 18) Existing Cisco make Network and Storage Switching Devices with all related accessories installed at WBSDC, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Status	Required Warranty up to
1	Cisco Nexus Spine Switch	CISCO	N9K-C9504-B3-E	FOX2232P9X6	21/10/2023	30/06/2027
2	Cisco Nexus Spine Switch	CISCO	N9K-C9504-B3-E	FOX2232P9XL	21/10/2023	30/06/2027
3	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD022290415	13/10/2023	30/06/2027
4	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD0222405KE	13/10/2023	30/06/2027
5	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD02228349Z	13/10/2023	30/06/2027
6	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD022282Q2C	13/10/2023	30/06/2027
7	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD02228348K	13/10/2023	30/06/2027
8	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD02228349E	13/10/2023	30/06/2027
9	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD0222405NY	13/10/2023	30/06/2027
10	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD022282PX6	13/10/2023	30/06/2027

11	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD02228349G	13/10/2023	30/06/2027
12	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FDO22281BF7	13/10/2023	30/06/2027
13	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD0222405JV	13/10/2023	30/06/2027
14	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD02228348L	13/10/2023	30/06/2027
15	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD023490GP8	17/01/2025	30/06/2027
16	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD0234914GQ	17/01/2025	30/06/2027
17	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FDO2349086B	17/01/2025	30/06/2027
18	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD0234915MG	17/01/2025	30/06/2027
19	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FD0234915ME	17/01/2025	30/06/2027
20	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C93108TC- EX	FDO234915LP	17/01/2025	30/06/2027
21	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C9348GC- FXP	FD022303M0A	27/10/2023	30/06/2027
22	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C9348GC- FXP	FDO22303MWX	27/10/2023	30/06/2027
23	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C9348GC- FXP	FD022303LWC	27/10/2023	30/06/2027
24	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C9348GC- FXP	FDO22302VGC	27/10/2023	30/06/2027
25	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C9348GC- FXP	FD022303MW6	27/10/2023	30/06/2027
26	Cisco Nexus 48 Port Copper Leaf Switch	CISCO	N9K-C9348GC- FXP	FD022303MWS	27/10/2023	30/06/2027
27	Cisco Nexus 32 Port Fiber Leaf Switch	CISCO	N9K-C93180LC- EX	FD022250Q2V	27/10/2023	30/06/2027
28	Cisco Nexus 32 Port Fiber Leaf Switch	CISCO	N9K-C93180LC- EX	FD022250Q5H	27/10/2023	30/06/2027
29	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FDO22321BHF	13/10/2023	30/06/2027
30	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD02232054V	13/10/2023	30/06/2027
31	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD022320WHF	13/10/2023	30/06/2027
32	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FDO22321BHB	13/10/2023	30/06/2027
33	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD0223210AK	13/10/2023	30/06/2027
34	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD022321E1D	13/10/2023	30/06/2027
35	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD022320WUX	13/10/2023	30/06/2027
36	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD0224427E3	13/10/2023	30/06/2027
37	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD022321AK4	13/10/2023	30/06/2027
38	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD022320X06	13/10/2023	30/06/2027

39	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD022320WHD	13/10/2023	30/06/2027
40	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD0223211HT	13/10/2023	30/06/2027
41	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD0223218GW	13/10/2023	30/06/2027
42	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD02232112M	13/10/2023	30/06/2027
43	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD0223218J0	13/10/2023	30/06/2027
44	Cisco Nexus 48 Port Fiber Leaf Switch	CISCO	N9K-C93180YC- EX	FD022320566	13/10/2023	30/06/2027
45	Cisco Firepower Management Center 1000	CISCO	FMC1000-K9	FCH2225V1UU	23/10/2023	30/06/2027
46	Cisco Firepower 4110 Security Appliance	CISCO	FPR4110-NGFW- K9	JMX2351L01N	27/10/2023	30/06/2027
47	Cisco Firepower 4110 Security Appliance	CISCO	FPR4110-NGFW- K9	JMX2228L05R	27/10/2023	30/06/2027
48	Cisco Nexus SAN Cluster Switch	CISCO	N3K-C3132Q-V	F0C2217R13U	14/03/2023	30/06/2027
49	Cisco Nexus SAN Cluster Switch	CISCO	N3K-C3132Q-V	F0C221617S4	14/03/2023	30/06/2027
50	Cisco 16G Multilayer Fabric SAN Switch	CISCO	Cisco MDS 9148S	JPG222900NG	21/10/2023	30/06/2027
51	Cisco 16G Multilayer Fabric SAN Switch	CISCO	Cisco MDS 9148S	JPG222900NR	21/10/2023	30/06/2027
52	Cisco 16G Multilayer Fabric SAN Switch	CISCO	Cisco MDS 9148S	JPG222900NQ	21/10/2023	30/06/2027
53	Cisco 16G Multilayer Fabric SAN Switch	CISCO	Cisco MDS 9148S	JPG222900PF	21/10/2023	30/06/2027
54	Cisco 16G Multilayer Fabric SAN Switch	CISCO	Cisco MDS 9148S	JPG2444001R	06/01/2026	30/06/2027
55	Cisco 16G Multilayer Fabric SAN Switch	CISCO	Cisco MDS 9148S	JPG2444001W	06/01/2026	30/06/2027

# **19)** Existing Cisco make Rack Server and Blade Server along with Chassis and Fabric Interconnect and other related accessories installed at WBSDC, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Existing Warranty Status	Required Warranty Up to
1	Cisco Fabric Interconnect	CISCO	UCS FI 6332 16 UP	FD02228155J	11/01/2024	30/06/2027
2	Cisco Fabric Interconnect	CISCO	UCS FI 6332 16 UP	FDO22301FHJ	11/01/2024	30/06/2027
3	Cisco Fabric Interconnect	CISCO	UCS FI 6332 16 UP	FD022212S3P	21/10/2023	30/06/2027
4	Cisco Fabric Interconnect	CISCO	UCS FI 6332 16 UP	FDO22201GFV	21/10/2023	30/06/2027
5	Cisco Fabric Interconnect	CISCO	UCS FI 6332 16 UP	FD024391BWK	06/01/2026	30/06/2027
6	Cisco Fabric Interconnect	CISCO	UCS FI 6332 16 UP	FD024391C3A	06/01/2026	30/06/2027
7	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2210P9DT	10/01/2024	30/06/2027
8	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2210PA14	10/01/2024	30/06/2027
9	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2210P9DA	10/01/2024	30/06/2027

10	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2238PFNH	13/12/2023	30/06/2027
11	Cisco Blade Server Chassis	CISCO	UCS 5108	F0X223011NII	10/01/2024	30/06/2027
12	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2238PJ0C	13/12/2023	30/06/2027
13	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2238PJ1F	13/12/2023	30/06/2027
14	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2230FJ11	10/01/2024	30/06/2027
15	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2210PA10	10/01/2024	30/06/2027
16	Cisco Blade Server Chassis	CISCO	UCS 5108	FOX2444PB3G	06/01/2026	30/06/2027
17	Cisco Blade Server	CISCO	UCS B200 M5	FCH22227YVP	11/01/2024	30/06/2027
18	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247L08	11/01/2024	30/06/2027
19	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LDA	11/01/2024	30/06/2027
20	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247EDA	11/01/2024	30/06/2027
21	Cisco Blade Server	CISCO	UCS B200 M5	FCH222477R3	11/01/2024	30/06/2027
22	Cisco Blade Server	CISCO	UCS B200 M5	FCH22227YHJ	11/01/2024	30/06/2027
23	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247M3R	11/01/2024	30/06/2027
24	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LPW	11/01/2024	30/06/2027
25	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LFW	11/01/2024	30/06/2027
25	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LFW	11/01/2024	30/06/2027
20	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247MXH	11/01/2024	30/06/2027
28	Cisco Blade Server	CISCO	UCS B200 M5	FCH22227ZL4	11/01/2024	30/06/2027
20	Cisco Blade Server	CISCO	UCS B200 M5	FCH222272L4		
30	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247L2A	10/01/2024 10/01/2024	30/06/2027 30/06/2027
31	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247L54	10/01/2024	30/06/2027
32 33	Cisco Blade Server Cisco Blade Server	CISCO CISCO	UCS B200 M5	FCH222477NW	10/01/2024	30/06/2027
34	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247L6D	10/01/2024	30/06/2027
			UCS B200 M5	FCH222476XC	10/01/2024	30/06/2027
35	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247L81	10/01/2024	30/06/2027
36	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LYS	10/01/2024	30/06/2027
37	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LYK	10/01/2024	30/06/2027
38	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LAB	10/01/2024	30/06/2027
39	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LQQ	10/01/2024	30/06/2027
40	Cisco Blade Server	CISCO	UCS B200 M5 UCS B200 M5	FCH22247LJ5	10/01/2024	30/06/2027
41	Cisco Blade Server	CISCO		FCH222477BA	10/01/2024	30/06/2027
42	Cisco Blade Server	CISCO	UCS B200 M5	FCH23027GZM	10/01/2024	30/06/2027
43	Cisco Blade Server	CISCO	UCS B200 M5	FCH22227Y6B	10/01/2024	30/06/2027
44 45	Cisco Blade Server	CISCO	UCS B200 M5	FCH22307K4J	10/01/2024	30/06/2027
	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LLP	10/01/2024	30/06/2027
46	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LQP	10/01/2024	30/06/2027
47	Cisco Blade Server	CISCO	UCS B200 M5	FCH22237ESU	10/01/2024	30/06/2027
48	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LP1	10/01/2024	30/06/2027
49	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LXM	10/01/2024	30/06/2027
50	Cisco Blade Server	CISCO	UCS B200 M5	FCH2224775M	10/01/2024	30/06/2027
51	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LCA	10/01/2024	30/06/2027
52	Cisco Blade Server	CISCO	UCS B200 M5	FCH22247LPK	10/01/2024	30/06/2027
53	Cisco Blade Server	CISCO	UCS B200 M5	FLM244306AU	06/01/2026	30/06/2027
54	Cisco Blade Server	CISCO	UCS B200 M5	FLM24420BGK	06/01/2026	30/06/2027
55	Cisco Blade Server	CISCO	UCS B200 M5	FLM244304Q5	06/01/2026	30/06/2027
56	Cisco Blade Server	CISCO	UCS B200 M5	FLM244306AJ	06/01/2026	30/06/2027
57	Cisco Blade Server	CISCO	UCS B200 M5	FLM24420AKD	06/01/2026	30/06/2027
58	Cisco Blade Server	CISCO	UCS B200 M5	FLM244306DP	06/01/2026	30/06/2027
59	Cisco Blade Server	CISCO	UCS B200 M6	FCH26207QXT	23/08/2027	30/06/2027
60	Cisco Blade Server	CISCO	UCS B200 M6	FCH26207QYT	23/08/2027	30/06/2027
61	Cisco Blade Server	CISCO	UCS B200 M6	FCH26207REG	23/08/2027	30/06/2027

62	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HM8	21/10/2023	30/06/2027
63	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HM3	21/10/2023	30/06/2027
64	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HKK	21/10/2023	30/06/2027
65	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HLU	21/10/2023	30/06/2027
66	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HLM	21/10/2023	30/06/2027
67	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HM0	21/10/2023	30/06/2027
68	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HLS	21/10/2023	30/06/2027
69	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HN4	21/10/2023	30/06/2027
70	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HLZ	21/10/2023	30/06/2027
71	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HLV	21/10/2023	30/06/2027
72	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HLJ	21/10/2023	30/06/2027
73	Cisco Rack Server	CISCO	UCS C240 M5	WZP22240HLX	21/10/2023	30/06/2027
74	Cisco Rack Server	CISCO	UCS C240 M5	WZP2432040A	06/01/2026	30/06/2027
75	Cisco Rack Server	CISCO	UCS C240 M5	WZP24320408	06/01/2026	30/06/2027
76	Cisco Rack Server	CISCO	UCS C240 M5	WZP24320406	06/01/2026	30/06/2027
77	Cisco Rack Server	CISCO	UCS C240 M5	WZP24320401	06/01/2026	30/06/2027
78	Cisco Rack Server	CISCO	UCS C480 M5	FCH2214W004	10/01/2024	30/06/2027
79	Cisco Rack Server	CISCO	UCS C480 M5	FCH2223W01P	10/01/2024	30/06/2027
80	Cisco Rack Server	CISCO	UCS C480 M5	FCH2216W027	10/01/2024	30/06/2027
81	Cisco Rack Server	CISCO	UCS C480 M5	FCH2217W01Y	10/01/2024	30/06/2027

# 20 ) Existing NEO Backup Device and related commvault Backup software with all related accessories installed at WBSDC

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required Extended Warranty up to
1	Tape Library ( <b>Tape Qty</b> : 200 Nos.)	Neo	XL Series	DE68101936	09/05/2024	30/06/2027
2	Tape Drive 1	IBM	LTO 7 HH FC	11C3BD7079	09/05/2024	30/06/2027
3	Tape Drive 2	IBM	LTO 7 HH FC	11C3BD7083	09/05/2024	30/06/2027
4	Tape Drive 3	IBM	LTO 7 HH FC	11C3BD708D	09/05/2024	30/06/2027
5	Tape Drive 4	IBM	LTO 7 HH FC	11C3BD7097	09/05/2024	30/06/2027
6	Tape Drive 5	IBM	LTO 7 HH FC	11C3BD70B5	09/05/2024	30/06/2027
7	Tape Drive 6	IBM	LTO 7 HH FC	11C3BD70C9	09/05/2024	30/06/2027
8	Tape Drive 7	IBM	LTO 7 HH FC	11C3BD70D3	09/05/2024	30/06/2027
9	Tape Drive 8	IBM	LTO 7 HH FC	11C3BD70F1	09/05/2024	30/06/2027
10	Tape Drive 9	IBM	LTO 7 HH FC	11C3BD7105	09/05/2024	30/06/2027
11	Tape Drive 10	IBM	LTO 7 HH FC	11C3BD7119	09/05/2024	30/06/2027
12	Commvault Backup Software (40TB capacity)	Commvault	11.24.48	<b>Product ID</b> : FF45D	08/01/2024	30/06/2027

# 21 ) Existing NetApp make Storage system with Controller and all related accessories installed at WBSDC

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended warranty up to
1	Storage Controller	NetApp	AFF-A700	721830000089	30/11/2023	30/06/2027
2	Storage Controller	NetApp	AFF-A700	721830000090	30/11/2023	30/06/2027
3	Storage Controller	NetApp	AFF-A700	721830000081	30/11/2023	30/06/2027
4	Storage Controller	NetApp	AFF-A700	721830000082	30/11/2023	30/06/2027
5	Storage Disk (SSD)	NetApp	SSD AFF	3.8 TB x 22 Nos.	30/11/2023	30/06/2027
6	Storage Disk (SSD)	NetApp	SSD AFF	7.6 TB x 34 Nos.	30/11/2023	30/06/2027

# 22) Existing HPE Make Storage system with Controller and all related accessories installed at WBSDC

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended warranty up to
1	HP Switch	HPE	1950 12XGT	CN90HB0052	14/06/2024	30/06/2027
2	HP Switch	HPE	1950 12XGT	CN99HB00DQ	14/06/2024	30/06/2027
3	HP Switch Power Unit	HPE	RPS 800	CN99B4Z00G	14/06/2024	30/06/2027
4	HP Switch Power Unit	HPE	RPS 800	CN99B4Z00F	14/06/2024	30/06/2027
5	Storage Primera 2 Node Controller	HPE	3PAR C650	SGH103SB84	24/02/2024	30/06/2027
6	Storage Perf File Controller	HPE	3PAR C650	SGH103SB86	24/02/2024	30/06/2027
7	Storage Perf File Controller	HPE	3PAR C650	SGH103SB87	24/02/2024	30/06/2027
8	Storage Disk (SSD)	HPE	SSD	3.8 TB x 18 Nos.	24/02/2024	30/06/2027
9	Storage Disk (SSD)	HPE	FC	2.4 TB x 62 Nos.	24/02/2024	30/06/2027
10	Storage Disk (SSD)	HPE	NL SAS	14 TB x 28 Nos.	24/02/2024	30/06/2027

# 23) Existing Red hat Cloud Infrastructure with all existing components installed & deployed at WBSDC, Monibhandar

SI. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended warranty up to
1	Red Hat Insights	Red Hat	<b>SKU:</b> MCT3474 (Qty: 20)	<b>Contract No.</b> 11685738	31/10/2023	30/06/2027
2	Red Hat Cloud Infrastructure, Premium (2-sockets)	Red Hat	<b>SKU:</b> MCT2844 (Qty: 12)	<b>Contract No.</b> 11685738	31/10/2023	30/06/2027
3	Red Hat Cloud Infrastructure (without guest OS), Premium (2- sockets)	Red Hat	<b>SKU:</b> MCT2847 (Qty: 6)	<b>Contract No.</b> 11685738	31/10/2023	30/06/2027

4	Red Hat Enterprise Linux Server with Smart Management, Premium (Physical or Virtual Nodes)	Red Hat	<b>SKU:</b> RH00008 (Qty: 20)	<b>Contract No.</b> 11685738	31/10/2023	30/06/2027
5	Red Hat Ansible Automation Platform, Premium (100 Managed Nodes)	Red Hat	<b>SKU:</b> MCT3694 (Qty: 5)	<b>Contract No.</b> 11685738	31/10/2023	30/06/2027
6	High Availability for Unlimited Guests	Red Hat	<b>SKU:</b> RH00059 (Qty: 12)	<b>Contract No.</b> 11685738	31/10/2023	30/06/2027
7	Red Hat Cloud Infrastructure, Premium (2-sockets)	Red Hat	<b>SKU:</b> MCT2844 (Qty: 12)	<b>Contract No.</b> 11742766	19/10/2023	30/06/2027
8	High Availability for Unlimited Guests	Red Hat	<b>SKU:</b> RH00059 (Qty: 12)	<b>Contract No.</b> 11742766	19/10/2023	30/06/2027

# 24) Existing baggage scanner Machine and Metal Detector along with other related accessories installed at WBSDC, Monibhandar

Sl. No.	Existing Asset / Equipment Description	Make	Model	Serial No.	Warranty Expiry Date	Required extended warranty up to
1	Metal Detector	Samarth	106F	106F/044/01/19	19/05/2024	30/06/2027
2	Baggage Scanner with all Necessary Items	VEHANT	Kritiscan 6040	6040/18/0221	19/05/2024	30/06/2027

# <u>SECTION – J</u>

# **BILL OF MATERIAL**

Sl. No.	Item / Work / Job Description	Qty.	Unit
1	Support Renewal, Technical Refreshment and Enhancement of Data Center existing Civil Infrastructure at 1st & 2nd Floor – Support renewal tenure as per Section - I	1	Lot
2	Support Renewal, Technical Refreshment and Enhancement of Data Center existing Electrical Infrastructure at 1st & 2nd Floor - Support renewal tenure as per Section - I	1	Lot
3	Support Renewal of existing Cummins make Diesel Generator Set with all related accessories - Support renewal tenure as per Section - I	3	Nos.
4	Support Renewal of existing 300KVA Isolation Transformer with all related accessories - Support renewal tenure as per Section - I	2	Nos.
5	Support Renewal of existing ETON make 200KVA Central UPS system with all related accessories - Support renewal tenure as per Section - I	2	Nos.
6	Support Renewal of existing ETON make 20KVA UPS system for BMS equipment with all related accessories - Support renewal tenure as per Section - I	2	Nos.
7	Support Renewal of Existing Schneider make 25TR Precision Air-conditioner System with all related accessories - Support renewal tenure as per Section - I	6	Nos.
8	Support Renewal of Existing Panasonic make 2TON Comfort Air Conditioning system all related accessories installed at 2 <sup>nd</sup> Floor – Support renewal tenure as per Section – I	20	Nos.
9	Support Renewal of existing Schneider make Rack Containment Frame with Rack and Cold and Hot Aisle Containment system with all related accessories - Support renewal tenure as per Section - I	3	Nos.
10	Support Renewal of existing Schneider make IP PDU for Server and Network Rack with all related accessories - Support renewal tenure as per Section - I	68	Nos.
11	Support Renewal of existing Schneider make IP KVM switch with Display Unit including all related accessories - Support renewal tenure as per Section - I	12	Nos.
12	Support Renewal, Technical Refreshment and Upgradation of various equipment for existing Building Management system with all related accessories for 1st & 2nd Floor - Support renewal tenure as per Section - I	1	Lot
13	Support Renewal, Technical Refreshment and Upgradation of existing Building Management System software with all related accessories - Support renewal tenure as per Section - I	1	Lot
14	Support Renewal, Technical Refreshment of existing Display Units and other related accessories for Monitoring of Various IT and Non-IT Infrastructure - Support renewal tenure as per Section – I	1	Lot
15	Support Renewal, Technical Refreshment and Upgradation of existing Structured Passive Cabling Components of LAN infrastructure of 1st Floor & 2nd Floor - Support renewal tenure as per Section - I	1	Lot
16	Support Renewal, Technical Refreshment and Upgradation of existing Checkpoint Make Network Security Devices - Support renewal tenure as per Section - I	1	Lot
17	Support Renewal, Technical Refreshment and Upgradation of existing Array Networks make WAF and Load Balancer - Support renewal tenure as per Section - I	2	Nos.

18	Support Renewal of existing Cisco make Network and Storage Switching Devices - Support renewal tenure as per Section – I	1	Lot
19	Support Renewal of existing Cisco make Rack Server and Blade Server along with Chassis and Fabric Interconnect - Support renewal tenure as per Section – I	1	Lot
20	Support Renewal of existing NEO Backup Device and existing Commvault Backup software - Support renewal tenure as per Section – I	1	Lot
21	Support Renewal and capacity enhancement of Existing NetApp make Storage systems with Controller and other related accessories - Support renewal tenure as per Section $-I$	1	No.
22	Support Renewal of existing HPE make Storage System with all accessories - Support renewal tenure as per Section – I	1	No.
23	Support Renewal, Technical Refreshment and Upgradation of existing cloud platform / Infrastructure with all existing component - Support renewal tenure as per Section – I	1	No.
24	Support Renewal of existing Samarth make Metal detector and Vehant make Baggage scanner Machine along with other related accessories - Support renewal tenure as per Section – I	1	No.
25	Delivery, Installation & Integration for replacement of existing Batteries (12V, 200AH) and other accessories of existing ETON make 200KVA UPS with 3 years warranty	80	Nos.
26	Delivery, Installation & Integration for replacement of existing Batteries (12V, 42AH) and other accessories of existing Eton make 20KVA UPS with 3 years warranty	64	Nos.
27	Delivery, Installation & Integration of 200KVA UPS and other accessories under Technical Refreshment of existing old & EOSL reached Central UPS with 3 years warranty (As per Technical Specification of Section - K)	2	Nos.
28	Delivery, Installation & Integration of batteries and other related accessories for 2 Nos. 200KVA UPS with 3 years warranty (As per Technical Specification of Section - K)	80	Nos.
29	Delivery, Installation & Integration under Technical Refreshment of existing 2TON Comfort Air-conditioner System with all related accessories installed at 1st Floor with 3 years warranty (As per Technical Specification of Section - K)	12	Nos.
30	Delivery, Installation & Integration of 2TON Small Room Cooling with High air quantity, high energy efficient components and advanced control system for Electrical & UPS Room with 3 years warranty (As per Technical Specification of Section - K)	7	Nos.
31	Delivery, Installation & Integration of Router with 3 years warranty (As per Technical Specification of Section - K)	2	Nos.
32	Technical upgradation, installation, commissioning, integration of existing infrastructure and newly procured infrastructure and providing onsite support for 3 years	1	No.

# Unpriced, complete and correct Bill of Material to be submitted along with the bid in OEM letter head, without which Bid will be rejected. No clarification/correction will be sought post submission of bid.

#### Bill of quantity may change at the time of ordering of Purchase Order. Detailed Technical Specifications are given in Section - K

# <u>SECTION – K</u>

# **TECHNICAL SPECIFICATIONS & COMPLIANCE SHEET**

# Minimum Technical Specification of 200KVA Modular Online UPS with all other related accessories

### <u>Qty : 02 Nos.</u> <u>Make :</u> <u>Model :</u>

Sl. No.	Component / Performance / Utility	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance (Yes/ No)
1.	UPS TYPE	A true Modular UPS with hot swappable power modules three-phase continuous duty, on-line, double conversion, solid-state uninterruptible power system. UPS should be scalable in nature both vertically and horizontally. User shall be able to replace the modules himself without shutting down or shifting the UPS to maintenance bypass mode.		
2.	Replacement of Power Modules	User shall be able to replace the modules himself without shutting down or shifting the UPS to maintenance bypass mode. Bidder to ensure that Module shall be replaced in Online Mode without using any external or internal switch such that no raw power directly goes to data center or Critical load during replacement		
3.	Hot Swappable Power Module	8 Nos. x 25KVA/KW		
4.	Frame Size	200KVA/KW or higher		
5.	Configuration	UPS to be configured in Parallel Configuration		
6.	Architecture of UPS	Fully Modular, Transformer-free, Parallel redundant based on KW Power Modules		
7.	Hot Swappable power Module Controller	Hot swappable Power module should include its own rectifier, full rated inverter & battery converter, and independent controls. Each Power modules to have its own rectifier, inverter, and battery charger		
8.	UPS topology	Double conversion, IGBT converters		
9.	Cable Entry	Bottom/Rear or Top/Rear		
10.	UPS Degree of Protection	IP 20		
11.	Switchgear internal in UPS	UPS should have inbuilt maintenance bypass switch, Rectifier input switch, Bypass input switch, Output isolation switch(GAD to be submitted)		
Input	Parameter Characte	ristics		
1.	Rated Input Voltage	Three Phase, 220/230/240 Vac Line to Neutral & 380/400/415 Vac Line-Line		
2.	Input Voltage tolerance	-10% to +10% @ 100% Linear Load		
3.	Rated Input Frequency	50 Hz/60 Hz user configurable		
4.	Input Frequency tolerance	40 Hz-72 Hz		

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5.	Input Configuration	3 Phases + Neutral + Earth	
6.	Input Power factor	0.99, double conversion 100% Load	
7.	Input Current Distortion	<5% @100% Linear load	
8.	Input Dust Filters	Washable Dust filters require at front door of UPS to avoid frequent changing of dust filter.	
Outp	ut Parameter Charact	teristics	
1.	Rated output voltage	220/380, 230/400, 240/415Vac, three phases	
2.	Output voltage variation.	<1% static load (100% linear load)	
3.	Permitted load power factor	0.8 lagging to 0.8 leading	
4.	Rated output frequency	50Hz (default) or 60Hz	
Bypa	ss Parameter Charact	teristics	
1.	Type of bypass	Hot Swappable Static Bypass required	
2.	Bypass rating	Same as capacity of Modular Frame	
3.	Bypass voltage	220/380 V; 230/400 V; 240/415 V tolerance -15% / +10% of rated voltage	
4.	Transfer time break	No break in Synchronized Condition ,2ms typical in unsynchronized condition	
Energ	gy Saver System or EC	CO Mode	
1.	ESS or ECO MODE	Should be available	
2.	Performance classification	VFD, transferring to VFI (Double Conversion mode) if limits are exceeded	
3.	Transfer time to double conversion from ECO mode or ESS mode	Mains available: No break (0ms), Main's failure: 2ms typical	
4.	Module Management system	For improving Energy Saving @ low load condition, each power modules of Modular UPS should have sleep mode feature when load is less and should be having an auto awake feature without manual intervention or putting system in overload or bypass. Sleep mode should also have a feature to cater sudden changes of workload. Each Module to take up to 80% loading before switching the next power module and Switching time should be less 2msec. A documentary explanation/Brochure of this feature shall be provided.	
Effici	ency Under Double C	onversion Mode	
1.	100% Linear Load	>=95.7%	
2.	75% Linear Load	>=96.1%	
3.	50% Linear Load	>=96.3%	
4.	Efficiency in ESS / ECO Mode, rated linear load 100% load, 75% load	>=99.3 % >=99.3 %	
Gene	ral Parameters		· · · · · ·

Warranty	Three (03) Years Comprehensive on-site warranty	
Certifications	UPS should be CE certified & Manufacturer should have ISO 9001 Certification and ISO 14001.	
Certificate of incorporation	OEM should be operations in India as single entity name for minimum 15 years. Certification of Incorporation as a Documentary proof should be attached	
Interface and Commu	inications	
Display	Touchscreen Color display and 4 separate summary LEDs for system status, door mounted LED bars for long range view of system status	
Standard Communication Ports	2 x Mini-Slot, 1x EPO input (NC or NO), 1x Relay output (NO/NC), 5x Building Alarm inputs, 1x USB, 1x RS232 Service Port	
Communication Card Required	SNMP card and Modbus Card	
BACnet Card Compatibility	UPS should have BACKNET CARD compatibility for Building management system compatibility	
Cyber security compliance	Network Card should be having gigabit speed and should be having cyber security certification in accordance with IEC 62443-4-2 and UL 2900-1 both (OEM to share mandatory valid certificate for these two standards)	
Software	UPS OEM shall provide a monitoring software which should be able to command certain protective actions such a migration of virtual machines, controlled shutdown, or disaster recovery relation actions. The software shall be compatible with third party information technologies solutions connector of VMWARE & CITRIX., Microsoft, Cisco, Nutanix, Open stack etc.	
fication		· · · · ·
Standards for UPS	Safety: IEC 62040-1: Uninterruptible Power Systems (UPS) - Part 1: General and Safety requirements for UPS EMC/EMI/RFI: IEC 62040-2: Uninterruptible Power Systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements Performance: IEC 62040-3: Uninterruptible Power Systems (UPS) - Part 3: Method of specifying the performance and test requirements Type Test report to be submitted of offered Model.	
ery & other accessori		, l
Battery Type	12V, SMF, VALVE REGULATED LEAD ACID (VRLA Batteries) to be supplied. Bidder to offer 200AH X 40 nos. on each UPS chassis	
Isolation Transformer	200KVA or Higher for each 200KVA UPS supplied with UPS	
Other accessories	Rack + Inter-link + Cable Between UPS & Battery +Battery Breaker + SNMP Card for installation of 2 Nos. UPS	
	Certifications         Certificate       of         incorporation       of         Interface and Communication       on         Display       Standard         Standard       communication         Communication       card         BACnet       Card         Compatibility       Cyber         Software       compliance         Standards for UPS       other accessorie         Battery Type       Isolation         Isolation       Transformer	Certifications         UPS should be CE certified & Manufacturer should have ISO 9001 Certification and ISO 14001.           Certificate incorporation         OEM should be operations in India as single entity name for minimum 15 years. Certification of Incorporation as a Documentary proof should be attached           Interface and Communications         Touchscreen Color display and 4 separate summary LEDs for system status, door mounted LED bars for long range view of system status           Standard Communication         Z x Mini-Slot, 1x EPO input (NC or NO), 1x Relay output (NO/NC), 5x Building Alarm inputs, 1x USB, 1x RS232 Service Port           Communication Communication         SNMP card and Mobus Card           BACnet Card Required         UPS should have BACKNET CARD compatibility for Building management system compatibility           Cyber security compliance         Network Card should be having gigabit speed and should be having cyber security certification in accordance with IEC 62443-4-2 and UL 2900-1 both (OEM to share mandatory valid certificate for these two standards)           UPS OEM shall provide a monitoring software which should be able to command certain protective actions such a migration of virtual machines, controlled shutdown, or disaster recovery relation actions. The software shall be compatible with third party information technologies solutions connector of VMWARE & CITRIX., Microsoft, Cisco, Nutanix, Open stack etc.           Standards for UPS         Safety: IEC 62040-1: Uninterruptible Power Systems (UPS) - Part 1: General and Safety requirements for UPS EMC/EMI/RFI: IEC 62040-2: Uninterruptible Power Systems (UPS) - Part 3: Method of specifying the performance and text requir

# Minimum Technical Specification of Battery for 200KVA Modular Online UPS with all other related accessories

<u>Qty : 80 Nos.</u> <u>Make :</u>

#### Model :

Sl. No.	Component / Performance / Utility	Minimum Specification	Specification (Quoted / Applicable - by the bidder)	Compliance (Yes/ No)
1.	Battery Type	12V, SMF, VALVE REGULATED LEAD ACID (VRLA Batteries) to be supplied. Bidder to offer 200AH X 40 nos. on each UPS chassis		
2.	Warranty	3 Years onsite		

#### Minimum Technical Specification of 2TON Comfort Air-conditioner System with all related accessories Qty : 12 Nos. <u>Make :</u> <u>Model :</u>

Sl. No.	Component / Performance / Utility	Minimum Specification	Specification (Quoted / Applicable - by the bidder)	Compliance (Yes/ No)
1.	Capacity	2 Ton Split type		
2.	Energy Rating	5 Star		
3.	Cooling	High Ambient Cooling		
4.	Unit	Outdoor & Indoor Unit		
5.	Other accessories	To be supplied		
6	Warranty	3 Years onsite comprehensive warranty including entire electrical infrastructure including Comfort Air conditioners with other accessories		

# <u>Minimum Technical Specification of</u> 2TON Small Room Cooling with High air quantity, high energy efficient components and advanced control system

#### Qty : 7 Nos. Make : Model :

SI. No.	Component / Performance / Utility	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance (Yes/ No)
	Capacity	2 tr split type cooling units		
		Wall mounted high performance <b>2 tr</b> split type cooling units having Sensible heat ratio greater then .9, suitable for Critical		

·			
		Technology/Equipment room. Each unit shall	
		facilitate installation in Small Areas, shall	
		feature robust design to run 24x7, Auto-	
		Restart function, Unit-to-Unit Communication	
		and Ease of service. CFM of the machine	
		should be 550 CFM per Tr	
		Machine should have two parts; Indoor	
		section & outdoor section. The Indoor unit	
		shall comprise of Metallic Body construction,	
		Evaporator Coil with Hydrophilic Coating, EC	
		Fan-High efficiency step-less speed	
		modulation fan with EC motor, Expansion	
		Valve, R407C Refrigerant, Corded Remote,	
		Microprocessor based Controller, G4 Filter,	
		Suction and Discharge piping, Internal power	
		and Control wiring, HP/LP Cutouts, Power	
		and Control contactors, RS485 card for	
		monitoring, and Other Electrical & safety	
		accessories. Outdoor cabinet consists of Scroll	
		Compressor and Anti Corrosive Condenser	
		coil. The dimensions of indoor unit must not	
		be more than 1105 mm*375 mm*515 mm.	
		Machine must be capable of functioning up to	
		30 meter Copper piping between Indoor &	
		outdoor unit. Secured with an authenticated	
		access with 3 levels of password security	
		Team Mode feature for unit control,	
		synchronizing the Multiple No. of units to	
		work as single system for all above units	
		Fault Failure changeover	
		Cascading Effect	
		Sequencing of above Units	
	Warranty	3 Years onsite comprehensive warranty	
		including entire electrical infrastructure	
		including Comfort Air conditioners with other	
		accessories	

# Minimum Technical Specification of Router

Qty : 2 Nos. Make : Model :

Sl. No.	Component / Performance / Utility	Minimum Specification	Specification (Quoted / Applicable – by the bidder)	Compliance (Yes/ No)
1	General requirements	Router should have a modular architecture		

2	Hardware and interface requirements Performance requirements	Router should have atleast 8 x 1/10G SFP ports supporting both LAN and WAN protocols. To be loaded with required transceivers to support existing connections. Router should have 64GB RAM and 200GB internal storage The Router should have a minimum routing performance of 20 Gbps with IMIX Traffic The Router should have a minimum IPSec	
4	Quality of Service (QoS) requirements	Throughput of 12 Gbps with IMIX Traffic Routers should support Class-based queuing with prioritization It should be possible to configure maximum bandwidth and guaranteed bandwidth Routers should support 802.1p, DSCP and EXP Routers should support Marking, policing, and shaping Routers should support congestion management features like WRED	
5	Routing protocol support	The Router should support IPv4 and IPv6 routing The Router should support VRRP The Router should support Static Routes The Router should support RIPv1 & RIPv2 The Router should have OSPF, IS-IS and BGP The Router should support Policy Based Routing	
6	Multicast Features	IGMP v1/v2/v3 and PIM-SM, Source Specific Multicast (SSM)	
7	MPLS Features	Layer 2 and Layer 3 VPN, LDP, RSVP and mVPN/ NG-MVPN	
8	Security features (From Day 1)	Routers should support AAA using RADIUS or TACACS Routers should support Packet Filters/ACL Routers should support Tunnels (GRE and IPSec) Routers should have DES (56-bit), 3DES (168-bit), AES (256-bit) encryption Routers should support MD5 , SHA-1 ,SHA- 128, SHA-256 authentication Routers should have role-based access mechanisms. Routers should support Network address translation (NAT) & Port Address Translation (PAT) Router should support 6000 IPsec tunnels	
9	Management and Troubleshooting	Router should have Console, Telnet and Web for management Routers should support Software upgrades through Web	

		Routers should support SNMPv2 and SNMPv3	
		Extensive debugs on all protocols	
		Real-time traffic-interface/sub interface	
		statistics.	
		IPSLA/ Real-Time Performance Monitor	
		Safety certifications UL 60950-1	
		EMC certifications FCC Class A	
10	Certifications	The Router series should be IPv6 Cerified (IPv6 Logo Ready or USGv6)	
		The Router should be EAL 3/NDPP/ NDcPP certified under Common Criteria.	
11	Warranty	3 Years onsite comprehensive warranty including all SFP / Transceiver	

#### SECTION - L

#### **MANUFACTURER AUTHORIZATION FORM**

Date:

To Webel Technology limited Plot-5, Block-BP, Sector-V Salt Lake <u>Kolkata-700 091</u>

Ref: Tender No.: WTL/WBSDC/DC/23-24/056 dated 16.01.2024

WHEREAS						who	are	official	producers	s of
					and	havi	ng	production	facilities	at at
							do	hereby	y au	thorize
								loca	ted	at
					(he	ereinafte	r, the	"Bidder") to s	submit a bio	l of the
following Pro Bids.	oducts produc	ed by u	s, for the	Supply R	equire	ments a	ssociat	ed with the a	bove Invita	tion for

When resold by \_\_\_\_\_\_, these products are subject to our applicable end user warranty terms.

We assure you that in the event of \_\_\_\_\_\_, not being able to fulfill its obligation as our Service Provider in respect of our Warranty Terms we would continue to meet our Warranty Terms through alternate arrangements.

We also confirm that \_\_\_\_\_\_\_\_\_\_ is our authorized service provider/system integrator and can hence provide maintenance and upgrade support for our products.

We also confirm that the products quoted are on our current product list and are not likely to be discontinued within 3 (three) years from the day of this letter. We assure availability of spares for the products for the next two years after 3 (three) years warranty.

We also confirm that the material will be delivered as per delivery schedule against above mentioned tender from the date of placement of confirmed order.

Name

In the capacity of

Signed

Duly authorized to sign the authorization for and on behalf of \_\_\_\_\_\_

Dated on \_\_\_\_\_ day of \_\_\_\_\_2024

**Note**: This letter of authority must be on the letterhead of the Manufacturer and duly signed by an authorized signatory.

#### <u>SECTION – M</u>

#### **DETAILS OF ORDERS EXECUTEDBY BIDDER**

(Tender No. WTL/WBSDC/DC/23-24/056)

S1. No.	Order No.	Order Date	Order Value	Brief description of items and job details	Completed (Yes/No)	Name of the Customer	Contact details of the Customer

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

Note:

- A. Type of Project shall indicate the implementation of services (Delivery& Installation of Network Security Device).
- B. Scope of work shall indicate whether it is implementation, Operation or maintenance.
- C. Submit Customer Order Copy details of the order indicating the project value, customer contact details.

### <u>SECTION – N</u>

#### FINANCIAL CAPABILITY OF BIDDER

(Tender No. WTL/WBSDC/DC/23-24/056)

#### **FINANCIAL INFORMATION**

Sl. No.	Name	Turnover (Rs. / Crore)					
	of the Bidder	2018-19	2019-20	2020-21	2021-22	2022-23	
1							

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Stamp of the Company: \_\_\_\_\_

Note:

Submit the audited financial statement/ audited annual report of the last three financial years.

# <u>SECTION – O</u>

## **BIDDERS'S DETAILS**

(Tender No. WTL/WBSDC/DC/23-24/056)

	Nome of the Firm	
	Name of the Firm	
2	Registered Office Address	
	Contact Number	
	Fax Number	
	E-mail	
3	Correspondence / Contact address	
	Name & Designation of Contact person	
	Address	
	Contact Number	
	Fax Number	
	E-mail	
4	Is the firm a registered company? If yes, submit	
	documentary proof	
	Year and Place of the establishment of the company	
6	Former name of the company, if any	
7	Is the firm	
	<ul> <li>a Government/ Public Sector Undertaking</li> </ul>	
	<ul> <li>a propriety firms</li> </ul>	
	<ul> <li>a partnership firm (if yes, give partnership</li> </ul>	
	deed)	
	<ul> <li>a limited company or limited corporation</li> <li>a member of a group of companies, (if yes,</li> </ul>	
	give	
	<ul> <li>name and address and description of other</li> </ul>	
	companies)	
	<ul> <li>a subsidiary of a large corporation (if yes</li> </ul>	
	give the name and address of the parent	
	organization). If the company is subsidiary,	
	state what involvement if any, will the parent	
	company have in the project.	
8	Is the firm registered with Sales Tax department? If	
	yes, submit valid GST Registration certificate.	
9	Total number of employees. Attach the organizational	
	chart showing the structure of the organization.	
10	Are you registered with any Government/	
	Department/ Public Sector Undertaking (if yes, give	
	details)	
11	How many years has your organization been in	
	business under your present name? What were your	
	fields when you established your organization	
12	What type best describes your firm? (Purchaser	
	reserves the right to verify the claims if necessary)	
	<ul> <li>Manufacturer</li> </ul>	
	<ul> <li>Supplier</li> <li>Supplier</li> </ul>	
	System Integrator	
	<ul> <li>Consultant</li> </ul>	

	<ul> <li>Service Provider (Pl. specify details)</li> <li>Software Development</li> </ul>	
	<ul> <li>Total Solution provider (Design, Supply, Integration, O&amp;M)</li> </ul>	
	<ul> <li>IT Company</li> </ul>	
13	Number of Offices in district headquarters in West	
	Bengal, if any	
14	Is your organization having ISO 9001:2015	
	certificates?	
15	List the major clients with whom your organization	
	has been / is currently associated.	
16	Have you in any capacity not completed any work	
	awarded to you? (If so, give the name of project and	
	reason for not completing the work)	
17	Have you ever been denied tendering facilities by	
	any Government / Department / Public sector	
	Undertaking? (Give details)	

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Company Rubber Stamp: \_\_\_\_\_

### <u>SECTION – P</u>

#### FORMAT FOR PRE-BID MEETING QUERY

(Tender No. WTL/WBSDC/DC/23-24/056)

Name of the Bidder:

Queries

S1. No.	Section No.	Clause No.	Page No.	Queries

**Note:** The filled form to be submitted in XLS & PDF Format. There is a cutoff date for receiving of queries before Pre Bid Meeting. Queries received after the cutoff period will not be accepted. The Purchaser reserves the right to respond all queries over e-mail.

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Company Rubber Stamp: \_\_\_\_\_

### <u>SECTION – Q</u>

#### LIST OF CLIENTS OF SIMILAR ORDERS

(Tender No. WTL/WBSDC/DC/23-24/056)

S1. No.	Name of the Client	Address	Contact Person	Designation	Contact Numbers

Authorized Signatory (Signature In full): \_\_\_\_\_

Name and title of Signatory: \_\_\_\_\_

Company Rubber Stamp: \_\_\_\_\_

# <u>SECTION – R</u>

# FORMAT FOR BID SECURITY (BANK GUARANTEE)

Bank Guarantee No	Date
submitted his Bid dated [name   [name   No [insert number] (her	(name & address) (hereinafter called "the Applicant") has [date] or will submit his Bid for execution of of Contract] (hereinafter called "the Bid") under Request for Bids reinafter called "the RFB")
(hereinafter called "the Bank") are boun called "the Employer") in the sum of	hat We [name of bank] of ry] having our registered office at id unto [name of Employer] (hereinafter for which payment will and truly to be made to the successors and assigns by these presents.
SEALED with the Common Seal of the sa	id Bank this day of 20
<ul> <li>the Letter of Bid, ("the Bid Validity Period or</li> <li>(2) If the Applicant having been notified Bid validity: <ul> <li>(a) fails or refuses to execute the Contrarequired; or</li> </ul> </li> </ul>	) withdraws his bid during the period of Bid validity specified in od"); or (b) does not accept the correction of the Bid Price I of the acceptance of his bid by the Employer during the period of act Agreement in accordance with the Instructions to Bidders, if
we undertake to pay to the Employer up without the Employer having to substan	mance Security, in accordance with the Instruction to Bidders. to the above amount upon receipt of his first written demand, tiate his demand, provided that in his demand the Employer will due to him owing to the occurrence of one or any of the four lition or conditions.
deadline for submission of Bids as such	o and including the date30 days after the deadline is stated in the Instructions to Bidders or as it may be ich extension(s) to the Bank is hereby waived. Any demand in he Bank not later than the above date.
DATE SIGNATURE OF THE	BANK

WITNESS \_\_\_\_\_\_ SEAL \_\_\_\_\_\_

[signature, name, and address]

#### **INSTRUCTIONS FOR FURNISHING BANK GUARANTEE**

- 1. Bank Guarantee (B.G.) for Advance payment, Mobilization Advance, B.G. for security Deposit-cum-Performance Guarantee, Earnest Money should be executed on the Non-Judicial Stamp paper of the applicable value and to be purchased in the name of the Bank.
- 2. The Executor (Bank authorities) may mention the Power of Attorney No. and date of execution in his/her favour with authorization to sign the documents. The Power of Attorney is to be witnessed by two persons mentioning their full name and address.
- 3. The B.G. should be executed by a Nationalised Bank/ Scheduled Commercial Bank preferably on a branch located in Kolkata. B.G. from Co-operative Bank / Rural Banks is not acceptable.
- 4. A Confirmation Letter of the concerned Bank must be furnished as a proof of genuineness of the Guarantee issued by them.
- 5. Any B.G. if executed on Non-Judicial Stamp paper after 6 (six) months of the purchase of such stamp shall be treated as Non-valid.
- 6. Each page of the B.G. must bear signature and seal of the Bank and B.G. Number.
- 7. The content of the B.G. shall be strictly as Proforma prescribed by WTL in line with Purchase Order /LOI/ Work Order etc. and must contain all factual details.
- 8. Any correction, deletion etc. in the B.G. should be authenticated by the Bank Officials signing the B.G.
- 9. In case of extension of a Contract the validity of the B.G. must be extended accordingly.
- 10. B.G. must be furnished within the stipulated period as mentioned in Purchase Order / LOI / Work Order etc. Issuing Bank / The Bidder are requested to mention the Purchase Order / Contract / Work Order reference along with the B.G. No. For making any future queries to WTL.

#### <u>SECTION – S</u>

#### **PROFORMA FOR PERFORMANCE BANK GUARANTEE**

(On non-judicial stamp paper of appropriate value to be purchased in the name of executing Bank)

# PROFORMA OF BANK GUARANTEE FOR SECURITY DEPOSIT –CUM-PRFORMANCE GUARANTEE

Ref ..... Bank Guarantee no.....

Date.....

#### PROFORMA OF BG FOR SECURITY DEPOSIT

KNOW ALL MEN BY THESE PRESENTS that in consideration of WEBEL TECHNOLOGY LIMTED, a Government of West Bengal Undertaking incorporated under the Companies Act, 1956 having its Registered office at Webel Bhavan, Block EP&GP, Sector V, Kolkata-700 091 (hereinafter called "The Purchaser") having agreed to accept from \_\_\_\_\_\_(hereinafter called "The Contractor") Having its Head Office at \_\_\_\_\_, a Bank guarantee for Rs. \_\_\_\_\_ \_ in lieu of Cash Security Deposit for the due fulfillment by the Contractor of the terms & conditions of the Work Order No. dated the Purchaser issued by for \_\_(hereinafter called "the said work order dated )". We (Name & detailed address of the branch) (hereinafter called "the Guarantor") do hereby undertake to indemnify and keep indemnified the Purchaser to the extent of Rs.\_\_\_\_\_ (Rupees \_\_\_\_ \_\_\_\_\_) only against any loss or damage caused to or suffered by the Purchaser by reason of any breach by the Contractor of any of the terms and conditions contained in the said Work Order No. \_\_\_\_\_ dated\_\_\_\_\_ of which breach the opinion of the Purchaser shall be final and conclusive.

(2) AND WE, \_\_\_\_\_\_DO HEREBY Guarantee and undertake to pay forthwith on demand to the Purchaser such sum not exceeding the said sum of \_\_\_\_\_Rupees\_\_\_\_\_) only as may be specified in such demand, in the event of the Contractor failing or neglecting to execute fully efficiently and satisfactorily the order for \_\_\_\_\_\_ Work Order no. , dated

(3) WE \_\_\_\_\_\_ further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said order as laid down in the said Work Order No. \_\_\_\_\_\_ dated \_\_\_\_\_\_ including the warranty obligations and that it shall continue to be enforceable till all the dues of the Purchaser under or by virtue of the said Work Order No. \_\_\_\_\_\_ dated \_\_\_\_\_\_ have been fully paid and its claims satisfied or is charged or till the Purchaser or its authorized representative certified that the terms and conditions of the said Work Order No. \_\_\_\_\_\_ dated \_\_\_\_\_\_ have been fully and properly carried out by the said contractor and accordingly discharged the guarantee.

(4) We \_\_\_\_\_\_ the Guarantor undertake to extend the validity of Bank Guarantee at the request of the contractor for further period of periods from time to time beyond its present validity period failing which we shall pay the Purchaser the amount of Guarantee.

(5) The liability under the Guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_\_) only and will expire on \_\_\_\_\_\_ and unless a claim in writing is presented to us or an action or suit to enforce the claim is filled against us within 6 months from \_\_\_\_\_\_ all your rights will be forfeited and we shall be relieved of and discharged from all our liabilities (thereinafter)

(6) The Guarantee herein contained shall not be determined or affected by liquidation or winding up or insolvency or closer of the Contractor.

(7) The executants have the power to issue this guarantee on behalf of Guarantor and holds full and valid power of Attorney granted in his favour by the Guarantor authorizing him to execute the Guarantee.

(8) Notwithstanding anything contained herein above, our liability under this guarantee is restricted to Rs.

 (Rupees
 ) only and our guarantee shall remain in force up to

 and unless a demand or claim under the guarantee is made on us in writing on or before

 all your rights under the guarantee shall be forfeited and we shall be relieved and

 discharged from all liabilities there under.

WE, \_\_\_\_\_\_ lastly undertake not to revoke this guarantee during the currency except with the previous consent of the Purchaser in writing. In witness whereof we \_\_\_\_\_\_ have set and subscribed our hand on this \_\_\_\_\_\_ day of

SIGNED, SEALED AND DELIVERED

(Stamp of the executants)

WITNESS

1) \_\_\_\_\_

.

2) \_\_\_\_\_\_(Name & address in full with Rubber Stamp)

#### **INSTRUCTIONS FOR FURNISHING BANK GUARANTEE**

- 11. Bank Guarantee (B.G.) for Advance payment, Mobilization Advance, B.G. for security Deposit-cum-Performance Guarantee, Earnest Money should be executed on the Non-Judicial Stamp paper of the applicable value and to be purchased in the name of the Bank.
- 12. The Executor (Bank authorities) may mention the Power of Attorney No. and date of execution in his/her favour with authorization to sign the documents. The Power of Attorney is to be witnessed by two persons mentioning their full name and address.
- 13. The B.G. should be executed by a Nationalised Bank/ Scheduled Commercial Bank preferably on a branch located in Kolkata. B.G. from Co-operative Bank / Rural Banks is not acceptable.
- 14. A Confirmation Letter of the concerned Bank must be furnished as a proof of genuineness of the Guarantee issued by them.
- 15. Any B.G. if executed on Non-Judicial Stamp paper after 6 (six) months of the purchase of such stamp shall be treated as Non-valid.
- 16. Each page of the B.G. must bear signature and seal of the Bank and B.G. Number.
- 17. The content of the B.G. shall be strictly as Proforma prescribed by WTL in line with Purchase Order /LOI/ Work Order etc. and must contain all factual details.
- 18. Any correction, deletion etc. in the B.G. should be authenticated by the Bank Officials signing the B.G.
- 19. In case of extension of a Contract the validity of the B.G. must be extended accordingly.
- 20. B.G. must be furnished within the stipulated period as mentioned in Purchase Order / LOI / Work Order etc.
- 21. Issuing Bank / The Bidder are requested to mention the Purchase Order / Contract / Work Order reference along with the B.G. No. For making any future queries to WTL.

#### <u>SECTION – T</u>

#### **NIT DECLARATION**

(Bidders are requested to furnish the Format given in this section, filling the entire Blank and to be submitted on Bidder's Letter Head)

To Webel Technology Limited Plot – 5, Block – BP, Sector - V, Salt Lake City, <u>Kolkata – 700091.</u>

#### <u>Sub: Selection of System Integrator for Support Updradation / Technical refreshment and</u> <u>enhancement of existing IT & Non-IT Data Center Infrastructure installed at 1<sup>st</sup> & 2<sup>nd</sup> Floor of the</u> <u>West Bengal State Data Center, Monibhandar.</u>

Dear Sir,

We the undersigned bidder/(s) declare that we have read and examined in details the specifications and other documents of the subject Tender No. WTL/WBSDC/DC/23-24/056 dated 16.01.2024 for Selection of System Integrator for Support Updradation / Technical refreshment and enhancement of existing IT & Non-IT Data Center Infrastructure installed at 1<sup>st</sup> & 2<sup>nd</sup> Floor of the West Bengal State Data Center, Monibhandar, published by Webel Technology Limited in e-Tender website.

We further declare that we have agreed and accepted all the clauses / sub-clauses / formats / terms & conditions other requirements related to the said tender and we will abide by the same as mentioned in the tender document while participating and executing the said tender.

Thanking you, we remain

Yours faithfully

Signatu	ıre		

Name in full

Designation

Company Stamp

Dated, this ......day of .....2024