# Technical Specification Proforma - Simulator MEOC

| Sr | NDMA Standard Specification | Bataan Group of Services | Remarks | Air Wing International | Remarks |
|---|---|---|---|---|---|
| 1 | One Container (20ft x 15ft x 10ft) Metallic structure.<br><br>a.) 100-125mm thickness, water proof and fireproof.<br>b.)Container must be supported through hydraulic jacks (110-125 Ton).<br>c.)Two entry-exit doors on both ends of one side wall. No windows.<br>d.)Ladders for both entry/exit doors.<br>e.)PU foam, thermopore and wood chip boards on all walls & roof.<br>f.) Hp-872 16" x9.5' and CWS-1007 6" x9.5' wall and roof PVC panels.<br>g.)WPC high gloss 6" x4' floor panels. | 1. Container (20ft x 15ft x 10ft) metallic structure<br>a.) Thickness 100-125mm, waterproof and fireproof<br>b.) supported by hydraulic jacks (110-125 tons)<br>c.) two entry-exit doors on one side wall , no windows<br>d.) Ladders provided for both entry/exit doors<br>e.) walls and roof lined with PU foam, thermopore , and wood chip boards.<br>f.) Hp-872 16" x 9.5' and CWS -1007 6" x 9.5' PVC panels for walls and roof.<br>g.) WPC high gloss 6" x 4' floor panels. | Non Compliance due to limited Technical details. | a.) Galvanized Mild Steel 150mm Wall thickness, B3 fire Rating, Water proof, heat proof, sound proof. Fire rating imported PU chemical foam.<br>b.) Hydraulic system, 120 ton Hydraulic jacks USA made. Height 6tf, piston 5.5 ft weight 140KG. all 4 jacks single switch operation. Stainless steel 6G.<br>c.) 2 Doors same as 20 ft wall. With door handles stainless steel.<br>d.) Retractable ladders 4 step 75 cm x 120 cm (2 x 1 inch 14 G steel box pipe)<br>e.) Fire rated imported PU chemical foam. wooden chipboard sheets 18mm on primary walls finish.<br>f.) Main ground HP-872 9" x 9.5' imported PVC panels on secondary wall finish.<br>g.) Water proof wooden floor chipboard sheet 25mm, imported WPC high gloss 6" x 4' wooden flooring 7.5mm | Compliance |
| 2 | Display Units<br>a.) 1 x 75-inch screen (Minimum 4 k resolution supported) installed towards tail end of container. A 5MP to 8MP camera for video conf system ( VCS). VCS may be soft controlled/ account through pc.<br>b.) 1 x 75-inch (minimum 4 k resolution supported) screen.<br>c.) 4 x Screens of minimum 50-55 inches each (Minimum 4 k resolution supported) to be installed along the side wall between two doors.<br>d.) Media wall be to be placed along side wall. It should consist of at least 6 screen of minimum 55 inches (or bigger). Bezel between 1.8 – 2mm or smaller, Minimum 4k resolution supported.<br>e.) 1 x controller with at least 14 input 6 output. | a.) 1 x 75-inch screen (minimum 4K resolution) at the container's tail end, with a 5MP to 8MP camera for video conferencing (VCS), controlled via PC.<br>b.) 1 x 75-inch screen (minimum 4K resolution).<br>c.) 4 x screens (50-55 inches, minimum 4K resolution) along the side wall between the doors. •<br>d.) Media wall with at least 6 screens (minimum 55 inches, bezel between 1.8-2mm, minimum 4K resolution).<br>e.) 1 x controller with at least 14 inputs and 6 outputs | Non Compliance due to limited Technical details. | a.) 75" TCL 4k resolution video conference and weather Radar screen.Tenveo china Video caonference camera TEVO-NV400. 8 MP camera<br>b.) 75" TCL 4k resolution QUHD<br>c.) 55" TCL 55P735 QUHD 4k<br>d.) Main media wall samsung 55 inch bazel less screens Qnty 6, size 12 ft x 6 ft, Resolution 1920 x 1080,<br>e.) Media wall tri color controller 12 inputs , 6 outputs. | Compliance |
| 3 | Work space for 12 operator's user terminals, key boards and mouse kits installed along front, tail and side wall with 16 fixed chairs (Rotatable) and 1x printer shelf of wooden MDF. | a.) Terminals for 12 operators with keyboards and mice, positioned along the front, tail, and side walls.<br>b.)16 fixed, rotatable chairs.<br>c.)1 x printer shelf made of MDF wood. | Non Compliance due to limited Technical details. | 12 computer desks stations, custome manufactured, size 24" x 96", table top 30" high from floor, wooden MDF (EP 503) sheet, light brown Matt finish. Wireless keyboard and mouse. Printer station size 18" x 18" x 36". Wooden MDF (EP 503) two cabinet shelfs and cabinet door. 16 Fixed computer chairs sigma visitor chair VC008. Fixed PP Armrest, Mesh Breathable fabric. | Compliance |
| 4 | 14 x Mini PCs each with following specifications<br>a.) Core i7, 10th Generations or higher for GIS Applications.<br>b.) Minimum 8GB RAM.<br>c.) Minimum 512 GB SSD storage.<br>d.) 19" HD Screen. Should be fixed in container walls within each user workspace.<br>e.) Minimum 4GB DDR5 graphic Card with 2 HDMI ports at least.<br>f.) UHD Graphics, Power cables and all connector cables complete in all respect. | a.) Core. i7, 10th generation or higher for GIS applications Minimum 8GB RAM.<br>b.) Minimum 512GB SSD storage.<br>c.) 19" HD screens fixed within each user workspace.<br>d.) Minimum 4GB DDR5 graphics card with at least 2 HDMI ports.<br>e.) Includes UHD graphics, power cables, and all necessary connector cables. | Non Compliance due to limited Technical details. | a.) HP Pro 290 13 Gen i7, intel core i7-13700 16 cores.<br>b.) 8GB RAM<br>c.) 512 GB SSD Storage.<br>d.) 19.5" LED display HP v20 HD+ Monitor<br>e.) 8GB DDR5<br>f.) Wireless keyboard, mouse, power supply, UHD Grapichics 770. | Compliance |
| 5 | Data network<br>a.) 1x 24 Port managed Network switch, 1SFP uplink, PoE enabled.<br>b.) Structured LAN, cat-6 cabling.<br>c.) 3 or 4 U small cabinet for switching devices.<br>d.) HDMI cables to connect PCs to videowall and screens other than PC monitor screen. | a.) 1 x 24-port managed network switch with 1 SFP uplink, PoE enabled.<br>b.) Structured LAN with Cat-6 cabling.<br>c.)3 or 4 U small cabinet for switching devices.<br>d.)HDMI cables to connect PCs to video walls and other screens. | Non Compliance due to limited Technical details. | a.) RUIJIE RG-NBS3100-24GT4SFP-V2 24 Port Gigabit L2 Managed Routing Switch.<br>b.) Structured LAN Connectivity With CAT-6 cabling<br>c.) Custom manufactured cabinet wooden MDF EP 503 sheet.<br>d.) HDMI cables for Video wall | Compliance |
| 6 | Electrical cabling<br>a.) Structured electrical cabling, 3/29 or equivalent.<br>b.) Electric control Switch (MCBs).<br>c.) 18x Ceiling LED lights (SMD warm lights).<br>d.) 4x flood lights outside the container.<br>e.) Brass/copper rod minimum 12.5mm x4000mm rod for earthing. | a.) Structured electrical cabling, 3/29 or equivalent.<br>b.) Electric control switches (MCBs).<br>c.) 18 x ceiling LED lights (SMD warm lights).<br>d.) 4 x floodlights outside the container.<br>e.) Brass/copper rod for earthing (minimum 12.5mm x 4000mm). | Non Compliance due to limited Technical details. | Electricity main switch and distribution panel capable of receiving WAPDA/ Solar Panel/ 25 KVA Generator with ATS and Industrial Scoket Connectivity.<br>a.) Pakistan cables / Newage cables<br>b.) Outdoor Electric control switch<br>c.) LED 3 watt light<br>d.) Philips external LED lights 30 watts<br>e.) Copper earthing Rod 1200mm x 12.5mm | Compliance |
| 7 | 2 x Indoor camera<br>a.) 2MP, 1/2.8" CMOS image sensor, low illuminance, high image definition.<br>b.) Entry IR fixed-focal Eyeball Network Camera.<br>c.) H.265 codec, high compression rate, ultra-low bit rate. | a.)Indoor Cameras (2 Units) > 2MP, 1/2.8" CMOS image sensor, low light, high definition.<br>b.)Entry IR fixed-focal eyeball network camera.<br>c.) H.265 codec, high compression rate, ultra-low bit rate. | Non Compliance due to limited Technical details. | a.) DAHUA DH_IPC-HDW1230T1-S4 2MP, 1/2.7" CMOS image sensor, low illuminance, High image definition.<br>b.) IR fixed focal Eyeball Network Camera.<br>C.) ROI, SMART H.264/H.265, flexible coding, High compression low bit rate. | Compliance |

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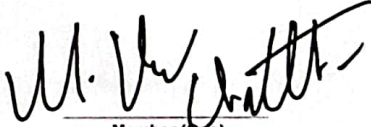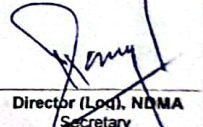| Sr | NDMA Standard Specification | Bataan Group of Services | Remarks | Air Wing International | Remarks |
|---|---|---|---|---|---|
| 8 | **1xNVR**<br>a.) 8 Channe compact 1U lite H.265 Network Video Recorder<br>b.) 80 Mbps Network bandwidth for access<br>c.) 4-ch@1080(30fps), self-adaptive decoding capability<br>d.) Support Remote configuration DHCP, HTTP, NTP and DDNS | a.)Network Video Recorder (NVR) > 8-channel compact 1U lite H.265 NVR.<br>b.)80 Mbps network bandwidth for access.<br>c.) 4-ch@1080(30fps), self-adaptive decoding capability.<br>Support for remote configuration (DHCP, HTTP, NTP, DDNS). | Non Compliance due to limited Technical details. | a.) Security system NVR, DAHUA, DAHUA DHI-NVR1108HS-S3/H Seagate WD HDD 500GB. 8 Channels, 1U H.265 NVR.<br>b.) 80 Mbps bandwidth<br>c.) 4-ch@1080 (30fps) self-adaptive<br>d.) Support configuration DHCP, HTTP, NTP and DDNS. | Compliance |
| 9 | **1x PoE Switch**<br>a.) 10-port fast Ethernet Switch with at last 8-Port PoE<br>b.) Support eight 10/100M PoE power supply ports, and two 10/100M uplinks ports<br>c.) Support 802.3af and 802.3at standards | a.)PoE Switch • 10-port fast Ethernet switch with at least 8 PoE ports.<br>b.)Supports 802.3af and 802.3at standards. | Non Compliance due to limited Technical details. | a.) Security system PoE switch DAHUA PFS3010-8ET-65, 8 PoE ports with 10/100 Mbps, 10 Ports fast ethernet.<br>b.) 10/100M PoE power supply ports.<br>c.) IEEE 802.3af and IEEE 802.3at standards | Compliance |
| 10 | 1x DC inverter air conditioner. 2 Ton / 24000 BTU/Hr, Floor standing. | a.)DC Inverter Air Conditioner • 2 Ton / 24000 BTU/hr, floor-standing unit. | Non Compliance due to limited Technical details. | Haier 2 ton / 24000 BTU/Hr inverter floor standing Air conditioner. | Compliance |
| 11 | 2x corner cabinets for stationery. Height 66", Width 15", Depth 12". | Corner Cabinets (2 Units) > Dimensions: Height 66", Width 15", Depth 12 | Non Compliance due to limited Technical details. | Custom manufactured cabinet wooden MDF EP 503 sheet. Height 66" x Width 15" X Depth 12" | Compliance |
| 12 | 1 x water dispenser | Water Dispenser | Non Compliance due to limited Technical details. | Dawlance water Dispenser Tap with Fridge WD-1051 | Compliance |
| 13 | Rooftop mockup antenna including following. Corrosion resistance paint, coating. Should sustain extreme weather conditions like high wind and protection from environmental de- gradation: -<br>a.) Microwave antenna.<br>b.) LTE/GSM communication mast/stand.<br>c.) UHF communication antenna.<br>d.) VHF communication antenna.<br>e.) Weather Rader antenna.<br>f.) Weather Station sensor. | a.) Corrosion-resistant paint and coating.<br>b.) Includes microwave antenna, LTE/GSM communication mast, UHF and VHF communication antennas, weather radar antenna, and weather station sensor. | Non Compliance due to limited Technical details. | a.) Dummy Antenna Microwave communication system cablefree high capicity 1024QAM.<br>b.)Dummy Antenna LTE System iCell GSM COMPAC-N<br>c.)Dummy antina UHF, GENERAL DYNAMICS CM-300/350<br>d.) Dummy Antenna VHF COBHAM SAILOR 7222 VHF DSC.<br>e.) Dummy antenna Weather Radar E700 series<br>f.) Dummy Antenna Weather station system RK 900-12 Ultrasonic Automatic weather instrument. | Compliance |
| 14 | One 36" satellite Dish Antenna on roof top. | One 36" satellite dish antenna on the rooftop. | Non Compliance due to limited Technical details. | Intellian GX60 satellite communication system. 35.5" | Compliance |
| 15 | 4 x outdoor Camera fixed on roof top with stand / mast<br>a.) Minimum 2MP, 1/2.8" CMOS image sensor (1920 x 1080) @25/30fps.<br>b.) H.265 codec, high compression rate, ultra-low bit rate . | a.)Outdoor Cameras (4 Units) Minimum 2MP, 1/2.8" CMOS image sensor (1920 x 1080) @25/30fps.<br>b.)H.265 codec, high compression rate, ultra-low bit rate. | Non Compliance due to limited Technical details. | a.) DAHUA DH_IPC-HDW1230T1-S4 2MP, 1/2.7" CMOS image sensor, low illuminance, High image definition.<br>b.) ROI, SMART H.264/H.265, flexible coding, High compression low bit rate. | Compliance |
| 16 | External connections. Container should be connectable through 3 phase power (7/29 Cable), data (copper and OFC both) and voice network through industrial standard sockets (Extendable to at last 1KM away source). Industrial sockets should be connectable on outer wall of the cabinet as per suitable design. | connectable through 3 phase power (7/29 Cable), data (copper and OFC both) and voice network through industrial standard sockets (Extendable to at last 1KM) Industrial sockets to be mounted on the outer wall of the container. | Non Compliance due to limited Technical details. | Surface Mount 5 pin industrial socket, SCAME Model no 518.12557T. 63A 3P. Plug 5 pin industrial connection, Switch panels clipsal or prime switches, Prime IT sockets, Fiam/ orix lights 220v 2 watts, Electric sockets prime sockets germany. Metallic weather proof outdoor electric box. External connection 5 core electric cable, External connection fiber optic cable. | Compliance |
| 17 | Biometric device for container doors. Water proof Finger operative door locks. | waterproof , finger operated door locks | Non Compliance due to limited Technical details. | Smart lock with Biometric Finger Print, Security code , Swipe card security system | Compliance |

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Member

**Member (Ops)**
President TEC

**Director (Log), NDMA**
Secretary

# Technical Specification Proforma - MEOC

| Sr | NDMA Standard Specification | Pioneer Construction | Remarks | Abid Rafeeq & company | Remarks |
|---|---|---|---|---|---|
| 1 | One Container (20ft x 15ft x 10ft) Metallic structure.<br><br>a.) 100-125mm thickness, water proof and fireproof.<br>b.)Container must be supported through hydraulic jacks (110-125 Ton).<br>c.)Two entry-exit doors on both ends of one side wall. No windows.<br>d.)Ladders for both entry/exit doors.<br>e.)PU foam, thermopore and wood chip boards on all walls & roof.<br>f.)Hp-872 16" x9.5' and CWS-1007 6" x9.5' wall and roof PVC panels.<br>g.)WPC high gloss 6" x4' floor panels. | 1.Fabricated cabin will be size of length 20ft width 15ft height 10ft.<br>Main Colums MS Square pipe of 100 x 100 x 6mm<br>MS Doors of size 3ft x 7ft. | Non Compliance due to limited Technical details. | One Container (20ft x 15ft x 10ft) Metallic Structure Each<br>a.) 100-125mm thick, water proof & fire proof.<br>b.) Hydraulic Jacks (110-125 Ton).<br>c.) Two entry-exit doors on both ends of one side wall. No Windows.<br>d.) Ladders for both entry/exit doors<br>e.) PU foam, thermopore and wood chip boards on all walls and roof.<br>f.) HP-872 16.' x 9.S. and CWS-1007 09.5. wall and roof PVC panels.<br>g.) WPC high gloss 6" x4' floor panels. | Non Compliance due to limited Technical details. |
| 2 | Display Units<br>a.) 1 x 75-inch screen (Minimum 4 k resolution supported) installed towards tail end of container. A 5MP to 8MP camera for video conf system ( VCS). VCS may be soft controlled/ account through pc.<br>b.) 1 x 75-inch (minimum 4 k resolution supported) screen.<br>c.) 4 x Screens of minimum 50-55 inches each (Minimum 4 k resolution supported) to be installed along the side wall between two doors.<br>d.) Media wall be to be placed along side wall. It should consist of at least 6 screen of minimum 55 inches (or bigger). Bezel between 1.8 – 2mm or smaller, Minimum 4k resolution supported.<br>e.) 1 x controller with at least 14 input 6 output. | a.) TCL LED UHD 4K, Aver Conf Cam-540<br>b.) TCL LED UHD 4K<br>c.) TCL LED UHD 4K<br>d.) TCL LED UHD 4K<br>e.) Not Provided | Non Compliance due to limited Technical details. | a.)1 x 75-inch screen (minimum 4K resolution supported) installed towards tail end of container<br> A 5MP to 8MP camera for video conf system (VCS). VCS may be soft controlled/account through PC .<br>b.) 1 x75-inch screen (minimum 4K resolution supported) screen.<br>c.)4x Screen of minimum 50-55 inches each (minimum 4K resolution supported) to be installed along the side wall between 2 doors.<br>d Media wall placed alongside wall. It should consist of at least 6 screen of minimum 55 inches 4K supported. Bezel between 1.8- 2mm.<br>e.) 1 x Controller with atleast 14 inputs and 6 outputs. | Non Compliance due to limited Technical details. |
| 3 | Work space for 12 operator's user terminals, key boards and mouse kits installed along front, tail and side wall with 16 fixed chairs (Rotatable) and 1x printer shelf of wooden MDF. | Wooden MDF High Quality | Non Compliance due to limited Technical details. | Work Space Work space for 12 operator,s user terminal, keyboards and mouse kits installed along front, tail and side wall with 16 fixed chairs (rotatable) and 1x printer shelf of wooden MDF. | Non Compliance due to limited Technical details. |
| 4 | 14 x Mini PCs each with following specifications<br>a.) Core i7, 10th Generations or higher for GIS Applications.<br>b.) Minimum 8GB RAM.<br>c.) Minimum 512 GB SSD storage.<br>d.) 19" HD Screen. Should be fixed in container walls within each user workspace.<br>e.) Minimum 4GB DDR5 graphic Card with 2 HDMI ports at least.<br>f.) UHD Graphics, Power cables and all connector cables complete in all respect. | Intel Original Motherboard PC with all Accessories | Non Compliance due to limited Technical details. | 14x Mini PCs each with following specs:<br>a.) Core 17. 10th Generation or higher for GIS Application<br>b.) Minimum 8GB RAM<br>c.) minimum 512GB ROM<br>d.) 19" HD Screen Should be fixed in container walls within each user workspace<br>e.) Minimum 4GB DDR5 graphic card with 2 HDMI ports at least .<br>f.) UHD Graphics, power cables and all connectors cables complete in all respect. | Non Compliance due to limited Technical details. |
| 5 | Data network<br>a.) 1x 24 Port managed Network switch, 1SFP uplink, PoE enabled.<br>b.) Structured LAN, cat-6 cabling.<br>c.) 3 or 4 U small cabinet for switching devices.<br>d.) HDMI cables to connect PCs to videowall and screens other than PC monitor screen. | Hikvision DS-3E0326P-E-M(B) | Non Compliance due to limited Technical details. | a.) 1x 24 Port managed Network switch, 1SFP uplink, PoE enabled.<br>b.) Structured LAN, cat-6 cabling<br>c.) 3 or 4 U small cabinet for switching devices<br>d.) HDMI cables to connect PCs to videowall and screens other than PC monitor screen | Non Compliance due to limited Technical details. |
| 6 | Electrical cabling<br>a.) Structured electrical cabling, 3/29 or equivalent.<br>b.) Electric control Switch (MCBs)<br>c.) 18x Ceiling LED lights (SMD warm lights).<br>d.) 4x flood lights outside the container.<br>e.) Brass/copper rod minimum 12.5mm x4000mm rod for earthing. | a.) 4 mm2 electric canle for connection, 6 mm2 cable for main supply<br>b.) Switch and sockets, Heavy switch for air conditioner, Main DB Box of conainer with required Amp Load circuit breakers<br>c.) 18 watt LED down lights<br>d.) Flood Lights, Power receptable jack 5 pin | Non Compliance due to limited Technical details. | a.) Structured electrical cabling 3/29<br>b.) Electric control Switch (MCBs)<br>c.) 18 x Ceiling LED lights (SMD warm lights).<br>d.) 4x flood lights outside the container.<br> Brass/copper rod minimum 12.5mm x4000mm rod for earthing | Non Compliance due to limited Technical details. |
| 7 | 2 x Indoor camera<br>a.) 2MP, 1/2.8" CMOS image sensor, low illuminance, high image definition.<br>b.) Entry IR fixed-focal Eyeball Network Camera.<br>c.) H.265 codec, high compression rate, ultra-low bit rate. | Hikvision 2MP Camera | Non Compliance due to limited Technical details. | 2x Indoor Camera<br>a.) 2MP, 1/2.8" CMOS image sensor, low illuminance, high image definition<br>b.) Entry IR fixed-focal Eyeball Network Camera.<br>c.) H.265 codec, high compression rate, ultra-low bit rate. | Non Compliance due to limited Technical details. |

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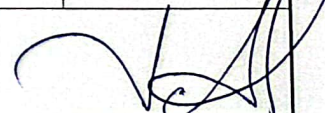Director (PI&C), NMDA
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Member (Ops)
President TEC

Director (Log) NDMA
Secretary

| Sr | NDMA Standard Specification | Pioneer Construction | Remarks | Abid Rafeeq & company | Remarks |
|---|---|---|---|---|---|
| 8 | **1xNVR**<br>a.) 8 Channe compact 1U lite H.265 Network Video Recorder<br>b.) 80 Mbps Network bandwidth for access<br>c.) 4-ch@1080(30fps), self-adaptive decoding capability<br>d.) Support Remote configuration DHCP, HTTP, NTP and DDNS | Hikvision NVR | Non Compliance due to limited Technical details. | **1x NVR**<br>a.) 8 Channe compact 1U lite H.265 Network Video Recorder.<br>b.) 80 Mbps Network bandwidth for access.<br>C.) 4-ch @ 1080(30fps), self-adaptive decoding capability.<br>D.) Support Remote configuration DHCP, HTTP, NTP and DDNS. | Non Compliance due to limited Technical details. |
| 9 | **1x PoE Switch**<br>a.) 10-port fast Ethernet Switch with at last 8-Port PoE<br>b.) Support eight 10/100M PoE power supply ports, and two 10/100M uplinks ports<br>c.) Support 802.3af and 802.3at standards | Dlink | Non Compliance due to limited Technical details. | **1x PoE Switch**<br>a.) 10-port fast Ethernet Switch with at last 8-Port PoE.<br>B.) Support eight 10/100M PoE power supply ports, and two 10/100M uplinks ports.<br>c.) Support 802.3af and 802.3at standards. | Non Compliance due to limited Technical details. |
| 10 | 1x DC inverter air conditioner. 2 Ton / 24000 BTU/Hr, Floor standing. | PEL | Non Compliance due to limited Technical details. | 1x DC inverter air conditioner. 2 Ton / 24000 BTU/Hr, Floor standing | Non Compliance due to limited Technical details. |
| 11 | 2x corner cabinets for stationery. Height 66", Width 15", Depth 12". | Wooden MDF | Non Compliance due to limited Technical details. | 2x corner cabinets for stationery. Height 66", Width 15", Depth 12" | Non Compliance due to limited Technical details. |
| 12 | 1 x water dispenser | Dawlance | Non Compliance due to limited Technical details. | 1 x water dispenser | Non Compliance due to limited Technical details. |
| 13 | Rooftop mockup antenna including following. Corrosion resistance paint, coating. Should sustain extreme weather conditions like high wind and protection from environmental de- gradation: -<br>a.) Microwave antenna<br>b.) LTE/GSM communication mast/stand.<br>c.) UHF communication antenna.<br>d.) VHF communication antenna.<br>e.) Weather Rader antenna.<br>f.) Weather Station sensor. | Not Offered | Non Compliance due to limited Technical details. | Rooftop mock-up antenna including following. Corrosion resistance paint, coatin. Should sustain extreme weather conditions like high wind and protection from environmental degradation:<br>a.)Microwave antenna<br>b.)LTE/GSM communication mast/stand<br>c.)UHF communication antenna<br>d.)VHF communication antenna.<br>e.)Weather Rader antenna.<br>f.)Weather Station sensor | Non Compliance due to limited Technical details. |
| 14 | One 36" satellite Dish Antenna on roof top. | Not Offered | Non Compliance due to limited Technical details. | one 36" satellite dish antenna on roof top. | Non Compliance due to limited Technical details. |
| 15 | 4 x outdoor Camera fixed on roof top with stand / mast<br>a.) Minimum 2MP, 1/2.8" CMOS image sensor (1920 x 1080) @25/30fps.<br>b.) H.265 codec, high compression rate, ultra-low bit rate . | Hikvision | Non Compliance due to limited Technical details. | 4 x outdoor Camera fixed on roof top with stand / mast minimum 2MP, 1/2.8 CMOS image sensor (1920 x 1080) @25/30fps. H.265 codec, high compression rate , ultra low bit rate. | Non Compliance due to limited Technical details. |
| 16 | External connections. Container should be connectable through 3 phase power (7/29 Cable), data (copper and OFC both) and voice network through industrial standard sockets (Extendable to at last 1KM away source). Industrial sockets should be connectable on outer wall of the cabinet as per suitable design. | Not Offered | Non Compliance due to limited Technical details. | Container should be connectable through 3 phase power (7/29 Cable), data (copper and OFC both) and voice network through industrial standard sockets (Extendable to at last 1KM away source). Industrial sockets should be connectable on outer wall of the cabinet as per suitable design. | Non Compliance due to limited Technical details. |
| 17 | Biometric device for container doors. Water proof Finger operative door locks. | ZKTeco K30 | Non Compliance due to limited Technical details. | Biometric device for container doors. Water proof Finger operative door locks | Non Compliance due to limited Technical details. |

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President TEC

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