

**TPCODL**

TP Central Odisha Distribution Limited

**TPNODL**

TP Northern Odisha Distribution Limited

**TPSODL**

TP Southern Odisha Distribution Limited

**TPWODL**

TP Western Odisha Distribution Limited

**CENTRALIZED CONTRACTS GROUP**

NIT No.: TPCODL/CCG/23-24/024

## Open Tender Notification

for

RC for supply and Installation of Data Centre Infrastructure  
required for TPCODL, TPWODL, TPNODL and TPSODL.

Tender Enquiry No.: TPCODL/CCG/23-24/024,  
Due Date for Bid Submission: 26<sup>th</sup> July 2023 [18:00 Hrs.]

Centralized Contracts Group  
(A TATA Power and Odisha Government Joint Venture)  
TP Central Odisha Distribution Limited  
1<sup>st</sup> Floor, Anuj Building, Plot No.29, Satya Nagar, Bhubaneswar –  
751007

**CENTRALIZED CONTRACTS GROUP**

NIT No.: TPCODL/CCG/23-24/024

**Tender Enquiry No - TPCODL/CCG/23-24/024**

Tender Enquiry No.	Work Description	EMD (Rs.) *	Tender Fee (Rs.) **	Last Date and Time for payment of Tender Fee
TPCODL/CCG/23-24/024	Rate Contract for SITC of Optical Fiber Cable for TPWODL Area.	Rs 6 Lakhs	5,000	17.07.23, 17:00Hrs

\* EMD is exempted for MSMEs registered in the State of Odisha.

\*\* MSMEs registered in the State of Odisha shall pay tender fee of Rs. 1,000/- including GST. For details of MSME norms, pls refer "Annexure A" below.

### **INFORMATION TO THE BIDDERS TO PARTICIPATE IN E-OPEN TENDER SYSTEM OF TPCODL**

#### **:- Steps for E-tender submission:-**

**Bids are to be submitted only through online e-procurement platform, ARIBA. Any other form of bid submission will not be accepted. Online Link for submission of bid through ARIBA will be sent only after confirmation of payment of tender fee from bidder.**

**Step 1:** The bidder can get primary information about the tender from the Newspaper advertisement / TPCODL/TPWODL/TPNODL/TPSODL website <www.tpcentralodisha.com> and can download the tender document from the above website.

**Step 2:** Non-Refundable Tender Participation Fee, as indicated in tender document, to be submitted before last date of tender fee payment, in the form of direct deposit/NEFT/RTGS in the following bank account.

Account Name: TP Central Odisha Distribution Limited

Bank Name: State Bank of India,

IDCO Towers, Bhubaneswar

Bank Account No. : 10835304915

IFSC Code : SBIN0007891

**Step 3:** Eligible and Interested bidder to send an email to TPCODL attaching duly signed and stamped letter on Bidder's letterhead, with following details, expressing their intend to bid against above tender:

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SI No	Description	Bidder's Response
i)	Tender Enquiry No.	
ii)	Description of materials / Works Tendered	
iii)	Name and address of the bidding company	
iv)	Name of the authorized contact person	
v)	Contact No. authorized person	
vi)	E-mail Id of the where online ARIBA link to be	
vii)	Tender Fee details (Amount / NEFT-RTGS UTR	
viii)	GST No.of bidder	
ix)	MSME Certificate, wherever applicable	
x)	Postal address of bidder for return of EMD BG	

E-mail has to be sent to <rajib.bhattacharya@tpwesternodisha.com> with copy to <vipin.chauhan@tpnodl.com> before "Last date and time for payment of Tender Participation Fee".

**Step 4:** On receipt of the document as mentioned in Step 3 above and after due verification of the same, ARIBA link for participation in the tender will be sent to bidder's mail address from ARIBA system.

**Step 5:** In this mail there will be an online link as **Click Here** to participate in the tender.

**Step 6:** Click "**Click Here**" to access this event.

**Step 7:** If bidder is bidding first time for CCG through ARIBA site then please "Sign UP" by creating User Name and password as mentioned in Sign Up page. Please follow the process, as mentioned in the Sign Up page, during creation of User Name and password. Also a simple one-page registration screen will open for first time user. All \* mark mandatory field to be filled in.

Those who are already having User Name and password for accessing TPCODL / TPNODL / TPWODL / TPSODL events, they can LOGIN using same User Name and password.

If bidder has got User name and password for their other customer, same will not be applicable for TPCODL/TPWODL/TPNODL/TPSODL.

**Step 8:** You will be able to see the RFQ

**Step 9:** After review and downloading of all documents click on "**Review Pre-requisites**"

**Step 10:** Review and accept "**Bidder Agreement**".

**Step 11:** You can see attached pdf tender document against clause no 1.1.1 (Introduction).

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**Step 12:** Vendor has to attach pdf version of technical bid in clause no. 2.1 and 2.2. In this field do not attach any price document.

Price schedule is attached in clause no.3.2. Same has to be downloaded and price and tax details to be filled in as per the format given, print to be taken in vendor's letter head and signature and seal to be made by authorised person. PDF version of this price bid to be attached in clause 3.2 For Price Bid put all the unit price and taxes and duties in provided field. Put "0" (ZERO) in not applicable field.

**Step 13:** After successfully putting Techno commercial offer and price part then click on **"Submit Entire Response"**

**Note: Once user ID and password created, bidder can also login to ARIBA site through the following URL:**

<https://service.ariba.com/Sourcing.aw/124997008/aw?awh=r&awssk=oxt0s1BN&dard=1>

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**Annexure-A****Preferential norms for procurement from MSMEs registered in the State of Odisha****1) Tender Fees**

To participate in the tender, MSMEs registered in the State of Odisha shall pay Rs.1,000/- including GST towards cost of tender paper.

**2) Earnest Money Deposit (EMD)**

EMD shall be exempted for MSME registered in the State of Odisha. However, Bidder shall be barred to participate in the tendering process for a period of 2 years in case it backs out post award of the contract.

**3) Qualification Requirement for Open Tenders**

Qualification Requirement of Financial Turnover for MSME registered in the State of Odisha shall be reduced to 20% of the existing criteria.

For past experience, instead of relying on the volumes / value of earlier Supplies / Projects, assessment of the Bidder shall be done on the basis of feedback from Customers. Past performance experience at Tata Power and its Group Companies shall supersede feedback from other Customers.

**4) Reservation for MSME**

It shall be mandatory to procure at least 20% of the total volume of the procurement from MSME registered in the State of Odisha (however, it shall not apply where goods/services are not available with the MSME), subject to matching L1 discovered prices and meeting technical specifications including quality requirements.

**5) Performance Bank Guarantees**

Performance Bank Guarantee for MSME registered in the State of Odisha shall be 25% of the value normally prescribed.

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**CONTENTS OF THE ENQUIRY**

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5.	Award Decision
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9.	General Conditions of Contract
10.	Safety
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II	Annexure II – Specification, drawing and GTP
III	Annexure III – Schedule of Deviations
IV	Annexure IV – Schedule of Commercial Specifications
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VI	Annexure VI – Acceptance Form for Participation in Reverse Auction Event
VII	Annexure VII – General Condition of Contract
VIII	Annexure VIII – Safety Policy and Safety Terms and Conditions
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X	Annexure X – Tata Code of Conduct(TCOC)

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**Definition & Introduction of Centralized Contracts Group**

The Centralized Contracts Group (CCG) is a shared group of 4 Discom (TPCODL, TPNODL, TPSODL & TPWODL) in Odisha. The contract finalized by CCG shall be used by 4 Discoms to execute the work.

**1.0 Event Information****1.1. Scope of work**

Rate contract for Supply, Installation and Maintenance supply and Installation of Data Center Infrastructure for TPCODL, TPNODL, TPWODL and TPSODL. The detail SOW will be as below :-

Electrical /UPS/Batter/IPDU			
Sl.No	LT SWITCHBOARDS/ PANELS :	Unit	Qty
	UPS Isolator	Nos.	4
	PDU-1 & 2		
	Supplying, Installation, Testing and Commissioning of Power Distribution Unit (As per SLD & Specifications Attached)		
1.3	<b>INCOMER</b>		
	One number 400 Amps.4 Pole, MCCB type isolator.		
	<b>One number Intelligent multifunction digital meter to read V, A, KVA, KWH,THD, PF Hz, kVARh, Vah, VARh, MD, and RS 485 port etc. with 3 Nos. resin cast CTs of 400/5 A class 1.0 accuracy and 15 VA burden</b>		
	One set of Phase indication LED lamps with 2 Amps. Back up MCB, breaker ON/OFF indicating light with MCB, test terminal block set, circuits as per standard practice and auxiliary contact contactors for positive electrical		
	interlocking of breakers etc. as required		
	<b>BUSBAR:-</b>		
	4P Copper bus bars (having 100% Neutral) of minimum of 400 Amps. Capacity with heat shrinkable colored sleeves and i/c DMC/SMC bus bar supports at required intervals complete for cross section, size supports & their spacing etc. for withstanding fault level of 25 KA for 1Sec.		

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	<b>OUTGOINGS:</b>		
	36 Nos x 32 Amps. 10 kA, DP 'C' curve MCBs		
	<b>PDU - 1 &amp; 2 ( As described above )</b>	Nos	2
	AC Inrow Panel ( DC Block )		
	Incomer 2 Nos x 400 A TPN MCCB & 1 Nos x 400 A 4 P MCCB as bus coupler with 1 set of Indication lamp with Ammeter & Volt Meter - 1 set		
1.7			
	2 set Intelligent multifunction digital meter to read V, A, KVA, KWH,THD, PF Hz, kVARh, Vah, VARh, MD, and RS 485 port etc. with 3 Nos. resin cast CTs of 160/5 A class 1.0 accuracy and 15 VA burden		
	Al Bus Bar 4pole 400 A - 1 set		
	Out Going Feeders :		
	63 A TPN MCCB - 18 Nos		
	40 A TPN MCCB - 2 Nos		
	Spare 63 A TPN MCCB - 2 Nos		
	AC Inrow Panel ( DC Block ) as described	Nos	1
D - 1	<b>4 Cx 185 Sq.mm Al.Ar FRLS XLPE</b>	Rmt	20
	End Termination	Nos.	2
2	2R, 3.5C x 120 Sq.mm Al. Ar FRLS XLPE	Rmt	55
1.1	End Termination	Nos.	10
	3CX 4 Sq.mm Copper cable	Rmt	1200
	End termination with lugs & sleeves only.	Nos.	130
2.1	4CX10 Sq.mm Copper FRLS	Rmt	1350



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	<b>End termination</b>	Nos.	80
4.1	1CX120 Sq.mm Copper FRLS flexible	Rmt	800
	End termination	Nos.	120
3.3	Supply and implementation of 32 A 2P+E single phase 250 volts, Mobile industrial grade Male & Female plug-in NEMA or IEC power connectors	Nos	58
3.4	SITC of 25 mm MS conduit	RM	100
	Supply, Unloading, Handling, Installation, Testing, Commissioning & Handing Over of 600 x 600 x 3.15 mm thick tined copper plate electrode, with 2 Nos 32 x 6 mm copper strips from earth plate electrode to inspection chamber, 50 mm dia medium class GI pipe, CI funnel with 20 gauge GI wire mesh, masonry chamber 450 x 450 mm with concrete base C I heavy duty / chequered plate manhole cover with frame painted with bit mastic paint and packing with mixture of charcoal and common salt around plate electrode including digging of pit up to permanent moisture level and as per soil condition but not less than 3 meters and back filling as required. The pipe shall have provision for watering through a funnel. It shall also have provision for connecting 25 x 6 mm. Copper Flat on two sides.	Nos.	6
	Note:		
2	1) Earthing stations should contain relevant grade of charcoal/coke and salt packed around the earth plate/earth pipe as called for in the item.		
	2) Adequate number of earth strips with proper sized holes shall be provided for extending earthing/looping earth connections at various floors shall be provided and executed as per the requirement.		
	3) All earth pits shall be as per IS 3043 with latest amendments.		
	4) Earthing shall be done at indicted location by the Consultants. The minimum distance between the two earth station shall be 3 meters and that from the building is 2500 mm.		
	Earthing Strips		
	<b>50 x 6 mm GI. Strip for body earthing of panels.</b>	<b>Rmt</b>	<b>100</b>

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4	25 x 6 mm GI strip	Rmt	200
4.1	25 x 6 mm Copper strip in PVC Sleeve.	Rmt	75
6	25 x 3 mm Cu strip	Rmt	150
6.1	8 swg GI wire	Rmt	20
7	RACK & Pedstal Earthing for 29 racks	Lot	1
<b>I</b>	<b>Perforated type cable tray</b>		
	Tray shall be of GI & made out of 2mm thick GI sheet, bent in 'C' shape with adequate load bearing capacity. Quoted rate for supply & installation shall include necessary anchor fasteners and fixing accessories for supporting the cable tray.		
1	Size 450 x 50 x 50 mm	Rmt	140
2	Size 300 x 50 x 50 mm	Rmt	100
3	Size 50 X 200 x 50 mm	Rmt	100
3	First aid kit	Lot	1
<b>K</b>	<b>UPS Systems 160 kVA/kW for IT/Server Load:</b>	Nos	2
	Supply , installation, testing & commissioning of IGBT based, Dual Conversion 160 kVA/kW UPS system ,wide input voltage range ( 229 V~478 V ) , 3 phase (415 V ± 15%) Volts input & 3 phase output (415 V ± 1%), 50 Hz, unity power factor ( Output ),TDHi % <3% at full linear load ,Inverter overload capacity :110% for 60 min; 125% 10min; 150% for 1 min ,Online mode efficiency up to 96.4% , Protection level of IP20.		
	Li-ion Battery for IT/Server Load:		
	Supply , installation, testing & commissioning of Battery total 15 minutes back up along with Battery racks, copper cables between batteries, copper cables between UPS & batteries, DC MCCB Box. The breaker & cable sizing will be done as per the technical specs. Average UPS to battery bank distance shall be 10 meters or as per site requirement. Li-ion Battery total 15 minutes battery backup for each UPS in	Nos	4

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	suitable for (N+N) configuration complete in all respect		
	INTELLIGENT PDU FOR RACKS		
	Two IPDU's in each rack with different color chassis, 32A, and 230V with UL certified hybrid outlets (can be utilized as C13 or C19). 3-meter-long and inlet cable with input plug type should be IEC603029 2P+E, Splash proof IP44. Monitoring capability at Strip and circuit/breaker level. With metering accuracy of +/- 1% compliant to ANSI C12.1 and IEC 62053-21 with monitoring capability at strip level, the IPDU should have color coded outlets based on circuit breaker color for easy identification of circuits for quick troubleshooting and ease in maintenance.	Set	58
<b>M</b>	<b>Three sensors for each rack (two in the front and one in the back) covering one data point for dew point and air flow along with three data points for temperature-humidity. Sensors should be integral with supplied IPDU's.</b>	Set	29
<b>3</b>	INSTALLATION AND COMMISSIONING CHARGES	LOT	1
	Modification in Existing Main LT Panel, Existing 125A 4P MCCB is changed to 400A 4P MCCB	Nos.	2

**HVAC System**

Sl.No	Description	Unit	Quantity
A.	EQUIPMENT		
	Precision air conditioner with horizontal air flow pattern, can be placed in-between the racks or at the ends of rows, ( Depth 300 mm max ) close to the heat source with min 25 kW Nominal capacity. Inside of Cold Aisle should maintain 22+/-1 deg C, 50+/-5% RH. Unit should have Variable Scroll compressor compatible with R410a refrigerant, locking disconnect switches fan, condensate pump, Adjustable baffle system, Heater, Humidifier,G4 (EU4) gravimetric + Clogged Filter. Outdoor Condenser unit shall comprise of Copper coil with Aluminum fins and Axial fan with fan speed controller motor. The microprocessor control system offers should have advanced		

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	diagnostic and maintenance support, enabling multiple units to communicate and work together as a team to precisely control temperature and humidity across a room. In addition, the controller network should provide a choice of Teamwork, Lead/Lag and Cascade functions.		
	Base Cooling Unit: Min 25 KW Net Sensible capacity	Nos.	10
	with Matching Air cooled condenser		
	- R410A refrigerant		
	- Variable scroll Compressor		
	- EC Plug Fans		
	- Locking disconnect		
	- Adjustable baffle system		
	- Display with Temperature and Humidity Control		
	- Electric re-heating		
	- Electrode humidifier		
	- Remote racks temperature sensors		
	- Condensate pump		
	- G4 (EU4) gravimetric + Clogged Filter		
	- Condenser with fan speed controller		
	- Adjustable levelling feet		
	- Sensor		
	- WLD		
	- BMS Card		
B.	Lowside accessories and Installation & Commissioning:		

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1	Installation & commissioning of Precision AC units comprising of	Nos.	10
	- Lifting, shifting & positioning of units to site		
	- Commissioning of the system		
2	Interconnecting 18G Copper piping between indoor & outdoor unit. Copper piping alongwith fittings and accessories and will be duly insulated within the AC space		
	- Hot gas line	Mtr	200
	- Liquid line	Mtr	200
3	Interconnecting flexible copper cabling (1 sqmm X 10 core)between indoor & outdoor unit with flexible PVC conduit	Mtr	200
4	Unit to unit communication shielded copper cable (1.5 sq mm x 3C) for Inrow unit Sequencing	Mtr	100
5	Condensate drain piping with GI- B class pipes (50 mm)	Mtr	50
6	Humidifier water piping with GI-B class pipes (20 mm)	Mtr	50
7	Extension kit	RO	
8	Refrigerant Charge	Kgs	250
9	ODU Stands	Set	10
	<b>AISLE CONTAINMENT</b>		
1	Heavy gauge Aluminium Sliding Door with viewing panel and support arrangement	Nos.	4
2	Aisle containment made of Aluminium panels and Lexan sheet with supporting arrangement.	set	2
	Civil Works :		1

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	Providing necessary civil works as per requirement, including :	Lot	1
	Providing, making up and finishing of Cutouts for passing refrigerant pipes, conduit/ cables, and drainage piping through walls,		
	Chasing, making up and finishing of vertical walls for refrigerant piping, conduit/ cables and drainage piping.		
	Wall cutting,	Lot	1

**IBMS System**

Sl.No	Description	Unit	Quantity
b	<b>Intelligent Addressable Multi-sensor Smoke detector:</b>	Nos.	2
	Multi-criteria addressable fire detector that incorporates photoelectric and thermal sensors,Polarity insensitive utilizing SureWire™ technology,Tri-color detector status LED with 360° viewing,Field-selectable application profiles,Superior EMI immunity, Remote sensitivity-measurement capability,Automatic environment compensation,UL Listed and ULC Listed; FM (#3230, 3210), CSFM (#7272-0067:0258) Approved,		
c	<b>Intelligent Addressable Type Manual Call Point:</b>	Nos.	0
	Intelligent Manual Fire Alarm Box is constructed of durable, molded and polycarbonate material that is matte finished in red with raised white lettering Single-action,Pull-down lever is down, until manually reset,Polarity insensitive via SureWire™ technology		
d	<b>Conventional Type Hooter with Strobe:</b>	Nos.	1
	The Series Z Notification Appliances feature an easy snap-on base that is designed to simplify the installation and testing of horns, strobes, and horn/strobes. Wall Mount models feature field selectable candela settings of 15/30/75/110cd and 135/185cd. Ceiling Mount models feature field selectable candela settings of 15/30/75/95cd and 115/177cd. UL Listed, ULC, CSFM, and FM approved. ADA/NFPA Compliant. Red.		

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e	Response Indicator for above false ceiling detector	No	0
f	<b>Intelligent Addressable Relay control module for Hooter+ Control module for 3rd Party equipment (VRF, Access door trip unit)</b>	Nos	9
	Interfacing and supervising normally open (N.O) or normally closed (N.C) contacts, Integral single-pole, double-throw (SPDT) relay (up to 4 amps) ,Multi-color light-emitting diode (LED) indicates system status: § GREEN / AMBER / RED ,UL Listed & ULC Listed; FM, CSFM and NYC Fire Dept. Approved		
g	<b>Intelligent Addressable Monitor module</b>	Nos	0
	Interfacing and supervising normally open (N.O) or normally closed (N.C) contacts, Integral single-pole, double-throw (SPDT) relay (up to 4 amps) ,Multi-color light-emitting diode (LED) indicates system status: § GREEN / AMBER / RED ,UL Listed & ULC Listed; FM, CSFM and NYC Fire Dept. Approved		
h	2 core x 1.5 sq.mm Armoured FRLS cable	Mtrs.	150
i	Fire Extinguishers	Nos.	2
<b>2</b>	<b>Gas based Automatic fire suppression system</b>		
a	SITC of CCOE Approved Seamless NOVEC1230 Cylinder and Valve Assembly, 100 Ltrs. capacity, OEM Factory filled with Novec 1230 Suppression Liquid , pressurised to 42 bar .	Nos	4
b	Master Completer Kit complete with Solenoid, Pneumatic actuators, Pressure Gauge, Low pressure supervisory switch, Discharge hoses, Flexible actuation hoses and connectors. For Multiple cylinder system -VDS/UL approved	Lot	1
c	Slave Completer Kit complete with Pneumatic actuators, Pressure Gauge, Low pressure supervisory switch, Discharge hoses, Flexible actuation hoses, manual actuator and connectors.-VDS/UL approved	Lot	2
d	SITC of "Sinorix Gas Agent -NOVEC1230 Fire Protection Fluid, OEM Factory Filled per Kgs.	Kgs	271

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e	SITC of type UL / Vds Listed Nozzles, 360 Deg / 180 Deg Throw, selection as per approved hydraulic flow calculations.	Nos	6
f	Manifold to cater Multiple Cylinder Bank	Nos	1
g	Cylinder Support	Nos	8
h	SITC of NOVEC Piping & Manifold as required	Lot	4
	<b>Detection Systems</b>		
i	Supply installation Testing & commissioning of Single zone Gas Release Panel	Nos	1
j	Manual Release Switch	No	1
k	Abort Switch	No	1
<b>3</b>	<b>CCTV SYSTEM</b>		
a	2 megapixel (1920 x 1080) resolution Indore Camera as per specification	Nos	2
f	Cat-6 Cable	Mtr.	140
<b>5</b>	<b>Rodent Repellant system</b>		
a	Rodent controller	Nos	1
b	TRANSDUCERS	Nos	10
c	Wire Bundle	Mtrs	120
d	PVC Conduit 20mm	Mtrs	120
<b>6</b>	<b>Water leak detection</b>		
a	Conventional 4 Zone Water Leak detection panel with Modbus	Nos	1
b	Water leak detection cable sensor	Mtrs.	150
c	Electronic Hooter	Nos	1
d	2 core x 1 sq.mm Armored cable	Mtrs.	60



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<b>7</b>	<b>Aspiration Detector (Early warning Detection)</b>		
a	Single channel Aspirating Detector- 500 Sqm Coverage	Nos	1
b	Power Supply with Battery backup Unit	Set	1
c	Air termination Nozzles with Capillary set	Nos	12
d	Aspiration 25mm OD 21 mm ID PVC Sampling Pipes with accessories	Mtrs	90
e	Electronic Hooter with mounting arrangement	Nos	1
f	2C x 1 sq.mm armored cable.	Mtr.	60
<b>8</b>	<b>Building Management System</b>		
f	Integrator for PAC & UPS, DG, EM as per IO Summary	Set	1
g	FAS soft integration	Set	1
	<b>Direct Digital Controllers: BACnet/IP</b>		
	Networkable 32 Bit DDC Controllers with I/O points as per enclosed IO List, inbuilt real time clock, Battery backup. The controllers shall be capable of standalone operation with real time clock and historical database. The DDC's shall be capable of peer to peer communication without help of system interface controller or PC. The DDCs shall be with suitable IP 54 enclosure complete with all wiring and accessories. BTL Approved		
h	DDC	Set	1
	<b>Field Sensors</b>		
i	Temperature and RH sensor for server room	Nos.	6
	<b>Cable and Conduit</b>		
j	2 Core x 1 sq mm Armored Cable for control cabling	Mtrs	1255
k	Communication cable: CAT6 Cable	Mtrs	2415
l	PVC Raceway	Mtrs	100

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<b>9</b>	<b>PA System</b>		
b	6 W ceiling Speaker	Nos	1
e	2 core 1 Sqmm armored cable	Mtrs	60
<b>10</b>	<b>Installation and Commissioning Charges</b>		
a	Laying, Fixing, Installation and Commissioning and Charges	Ls	1

Sl.No	Previous Item	Section	Description	Unit	Quantity
1.0	Previous Item	RACK	<p>SITC of 42U Server Racks ( 800 mm x 1200 mm ) UL approved/complied; The Rack should be able to with stand a minimum Static load of 1300 Kgs and Rolling load of 1000 Kgs.The unit should have a minimum of IP 20 rating for protection against touch, ingress of foreign bodies, and ingress of water. Rack front door should have minimum 65-70% % of open perforation for efficient air flow.</p> <p>Removal type cable manager rings in rear side of the racks Min two temperature and RH sensors in each rack Blanking Panels in each rack -20 nos</p>	Nos	29

**1.2. Availability of Tender Documents**

Please refer "Procedure to participate in the e-tender".

**1.3. Calendar of Events**

(a)	Date of availability of tender documents from TPCODL / TPWODL / TPNODL / TPSODL Website	15.07.2023
(b)	Last date and time of Payment of Tender Fee	17.07.2022, 17:00 Hours
(c)	Last Date of receipt of pre-bid queries, if any	19.07.2022, 17:00 Hours

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(d)	Last Date of Posting Consolidated replies to all the pre-bid queries as received	21.07.2022, 17:00 Hours
(e)	Last date and time of receipt of Bids	26.07.2022, 18:00 Hours

**Note:** In the event of last date specified for submission of bids and date of opening of bids is declared as a closed holiday for TPCODL's office, the last date of submission of bids and date of opening of bids will be the day following working day at appointed times.

**1.4 Mandatory documents required along with the Bid**

- 1.4.1 EMD of requisite value and validity
- 1.4.2 Tender Fee.
- 1.4.3 Requisite Documents for compliance to Qualification Criteria mentioned in Clause 1.7.
- 1.4.4 Acceptance of Specification, drawing with filled in GTP as per Annexure II.
- 1.4.5 Duly signed and stamped 'Schedule of Deviations' as per Annexure III on bidder's letter head.
- 1.4.6 Duly signed and stamped 'Schedule of Commercial Specifications' as per Annexure IV on bidder's letter head.
- 1.4.7 Duly filled in Annexure V and VI.
- 1.4.8 Proper authorization letter/ Power of Attorney to sign the tender on the behalf of bidder.
- 1.4.9 Copy of PAN, GST registration (In case any of these documents is not available with the bidder, same to be explicitly mentioned in the 'Schedule of Deviations')

**Please note that in the absence of any of the above documents, the bid submitted by a bidder shall be liable for rejection.**

**1.5. Deviation from Tender**

Normally, the deviations to tender terms are not admissible and the bids with deviation are liable for rejection. Hence, the bidders are advised to refrain from taking any deviations on this Tender. Still in case of any deviations, all such deviations shall be set out by the Bidders, clause by clause in the 'Annexure III - Schedule of Deviations' and same shall be submitted as a part of the Technical Bid.

**1.6. Right of Acceptance/Rejection**

Bids are liable for rejection in absence of following documents:

- i. EMD of requisite value and validity.
- ii. Tender fee of requisite value.
- iii. Price Bid as per the Price Schedule mentioned in Annexure I (BOQ)
- iv. Necessary documents against compliance to Qualification Requirements mentioned at Clause 1.7 of this Tender Document.
- v. Filled in Schedule of Deviations as per Annexure III.
- vi. Filled in Schedule of Commercial Specifications as per Annexure IV.
- vii. Signed and filled in Specification and GTP as per Annexure II.
- viii. Duly filled and signed Annexure V and VI.
- ix. Receipt of Bid within the due date and time.

CCG reserves the right to accept/reject any or all the bids without assigning any reason thereof.