

**संयुक्त निदेशक का कार्यालय,  
बाढ़ प्रबंधन सुधार सहायक केन्द्र,  
जल संसाधन विभाग, अनिसाबाद, पटना**

Email ID-fmiscbihar@gmail.com  
(अल्पकालीन कोटेशन आमंत्रण सूचना:-06/2026-27)

एतद् द्वारा सर्वसाधरण को सूचित किया जाता है कि बाढ़ प्रबंधन सुधार सहायक केन्द्र, अनिसाबाद, पटना के कार्यालय अंतर्गत अधिष्ठापित विभागीय Data Centre को नये Building, Water Knowledge Centre (WKC) में Shift किए जाने संबंधित कार्य हेतु प्राक्कलन तैयार किया जाना है। उक्त कार्य के दर निर्धारण हेतु निबंधित कंपनी/एजेंसी/आपूर्तिकर्ता से मुहरबंद कोटेशन निम्नरूपेण आमंत्रित किया जाता है।

1.	कोटेशन आमंत्रित करने वाले पदाधिकारी	संयुक्त निदेशक, बाढ़ प्रबंधन सुधार सहायक केन्द्र, पटना।
2.	कोटेशन प्राप्ति की तिथि एवं समय	दिनांक-14/05/2026 को अपराह्न 03:00 बजे
3.	कोटेशन प्राप्त करने एवं खोलने का स्थान	संयुक्त निदेशक का कार्यालय, बाढ़ प्रबंधन सुधार सहायक केन्द्र, अनिसाबाद, पटना-02।
4.	कोटेशन खोलने की तिथि एवं समय	दिनांक-14/05/2026 को अपराह्न 03:30 बजे

**प्रपत्र-‘अ’**

SI No.	ITEMS	UNIT	QUANTITY	UNIT RATE (INR)	AMOUNT IN INR (INCLUSIVE OF ALL TAXES)
1.	Shifting, Installation, setup and startup of the existing Data Centre to a new Building, Water Knowledge Centre (WKC) including Required Civil Work, Electrical Work, other Ancillary Work matching the existing Infrastructure, etc. (Detail of IT and Non-IT Equipment related to Data Centre has been enclosed in Annexure-A, Details related to Civil Work, fire system, design, Network, Electrical and IT migration enclosed in Annexure-B and Eligibility criteria of Bidder in Annexure-C )	Lot	1		
Total					

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## शर्तें

1. कोटेशन के लिफाफा पर एजेंसी/आपूर्तिकर्ता का नाम एवं पता दूरभाष संख्या के साथ अंकित होना अनिवार्य है ।
2. कोटेशनदाताओं/आपूर्तिकर्ता को पैन कार्ड, आधार कार्ड तथा वस्तु एवं सेवा कर का निबंधन प्रमाण पत्र की स्वअभिप्रमाणित छायाप्रति संलग्न करना अनिवार्य है ।
3. कोटेशन पर GST No. जो वैध हालत में हो, अंकित होना अनिवार्य है ।
4. कोटेशन को बिना कारण बताये स्वीकार/अस्वीकार/रद्द करने का अधिकार अधोहस्ताक्षरी के पास सुरक्षित रहेगी ।
5. दर उद्धृत करने से पूर्व एजेंसी/आपूर्तिकर्ता वर्तमान के डाटा सेन्टर (जहाँ से Shifting किया जाना है) एवं Water Knowledge Centre (जहाँ installed किया जाना है) का निरीक्षण कार्यालय आ कर निश्चित रूप से कर लें ।
6. कोटेशनदाता/एजेन्सी को कम से कम 3 (तीन) वर्षों का Data Centre के Operation and Maintanance एवं Establishment का अनुभव रहना अनिवार्य है ।
7. कोटेशनदाता/एजेन्सी द्वारा Quoted दर कम-से-कम छः महीने तक वैध रहे ।
8. Shifting के पश्चात् Data Centre के सफलतापूर्वक संचालन योग्य बनाने का दायित्व कोटेशनदाता/एजेन्सी की होगी । इसमें Operation and Maintanance कर रहे वर्तमान Vendor से required support प्राप्त किया जा सकता है, परन्तु Data Centre को सफलतापूर्वक संचालन योग्य बनाने का दायित्व Shifting कर रहे कोटेशनदाता/एजेन्सी की होगी ।
9. कोटेशन आमंत्रण प्राक्कलन तैयार करने हेतु मंगाया जा रहा है । सशर्त कोटेशन दर मान्य नहीं होगा ।
10. एक कोटेशनदाता/एजेन्सी एक ही कोटेशन उद्धरण कर सकते हैं ।
11. कोटेशनदाता/एजेन्सी को कोटेशन मुहरबंद लिफाफा में प्राप्त किया जायेगा ।
12. कोटेशनदाता द्वारा उद्धृत राशि अंक और शब्द दोनों में लिखना अनिवार्य होगा
13. कोटेशनदाता/आपूर्तिकर्ता द्वारा उद्धृत दर कोटेशन दिनांक-14/05/2026 को अपराह्न 03:30 बजे तक हाथों-हाथ/निबंधित डाक के माध्यम से अधोहस्ताक्षरी कार्यालय में प्राप्त किया जायेगा ।
14. कोटेशन संबंधी विस्तृत जानकारी प्राप्ति हेतु अधोहस्ताक्षरी के कार्यालय अथवा मोबाईल नंबर-9934702297/9430514460 पर सम्पर्क किया जा सकता है ।

By  
m/10/26  
(विजय कुमार)  
संयुक्त निदेशक

## Annexure-A

### (A) List of IT Equipments

#	Name of Goods or Related Services	Unit	Qty.
1.	Server Type - I - Dell EMC PowerEdge R940	Nos.	2
2.	Server Type - II - Dell EMC PowerEdge R740	Nos.	2
3.	Server Type - III - Dell EMC PowerEdge R940	Nos.	2
4.	Server Type - IV - Dell EMC PowerEdge R740	Nos.	2
5.	Server Type - V - Dell EMC PowerEdge R940	Nos.	4
6.	SAN Storage - Dell EMC Unity 450F	Nos.	1
7.	SAN Switch - Dell EMC Connectrix MDS-9148s with 24 Port Fibre Channel License Subscriptions	Nos.	2
8.	TAPE Library - Dell EMC ML3	Nos.	1
9.	Backup - Dell EMC PowerEdge R740 with 30TB	Nos.	1
10.	Dell EMC DD630 (10TB) with Back-up Software - Dell EMC Networker 19.5 Version	Nos	1
11.	Switch Type-I - Dell EMC C9010	Nos.	2
12.	Switch Type-II - Dell EMC S5248F	Nos.	3
13.	Switch Type-III - Dell EMC S3148	Nos.	4
14.	Switch Type-IV - Dell EMC S3148P	Nos.	2
15.	Router Type-I - Nokia 7705-SAR-8	Nos.	1
16.	Link Load Balancer (LLB) - Array Network APV 2600V5	Nos.	1
17.	Server Load Balancer (SLB) - Array Network APV 2600V5	Nos.	2
18.	Display - 55 inch - LG	Nos.	3

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#	Name of Goods or Related Services	Unit	Qty.
19.	Link Load Balancer (LLB) - Array Network APV 2600	Nos.	1
20.	Switch Type-V - Dell N1524P	Nos.	3
21.	Switch Type-VIII - Juniper EX3300	Nos.	1
22.	Router Type-II- Juniper SRX550	Nos.	1
23.	Server Type - VII - IBM Server (X3850x5)	Nos.	2
24.	NAS Storage Type - II -Storage Array- Dell power Vault NX3100	Nos.	1
25.	KVM Switch (Aten KN1116VA), including KVM Full HD LCD (CL5800N)	Nos.	1
26.	Server Type - VI - Dell EMC PowerEdge R730	Nos.	3
27.	Switch Type-VI - Dell N1524	Nos.	3
28.	Switch Type-VII - Dell N3024	Nos.	1
29.	NAS Storage Type - I - Storage Array- Dell MD3400 with 2 Nos. Dell EMC NX3330 Servers	Nos.	1
30.	IT - Passive Components: Network Rack, Fiber Patch Cord 10 m duplex SM/MM, Cat-6A Cable (per Box 305 m), Cat-6A 24 Port Jack Panel Fully Loaded, Cat-6A Modular Jack, Cat-6A Face Plate, Cat-6A Patch Chord 1m, Cat-6A Patch Chord 2 m, Cat-6A Patch Chord 10 m, etc.	Lump Sum	Lump Sum
31.	Red Hat Enterprise Edition in 2 Nos. of sockets) included with server	Nos.	1
32.	1 No. VMware - vCenter, 16 CPU of vSphere & 2 Nos. of Virtual Red Hat Enterprise Edition) included with server	Nos.	1
33.	Firewall Type-I - FortiGate 500E, including FortiAp 221	Nos.	2
34.	Firewall Type-II - FortiGate 300E	Nos.	2
35.	VPN - FortiGate 30E	Nos.	1

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#	Name of Goods or Related Services	Unit	Qty.
36.	Server for Antivirus Software and endpoint Protection for hundred users - Symantec SEPM 12	Nos.	1
37.	Email Security - FortiMail 200F	Nos.	2
38.	Email Security - Zimbra Mail 8.0	Nos.	1
39.	SSL Certificate - Geo Trust Wildcard Certificate & Geo Trust Secure Mail server certificate	Nos.	1
40.	Network Monitoring System (NMS). SolarWinds: Orion Network Performance Monitor Solar Winds - Database Performance Analyzer MSSQL or MySQL or Oracle SE or Express (1 to 4 instances) Solar Winds Storage Resource Monitor (up to 50 disks) Solar Winds: Web Help Desk Per Seat License (1 to 5 named users)	Set	1
41.	Back-up Software - Acronis Cyber Protect Version 15 and upgradation	Nos.	1

(B) List of Non-IT-Components

#	Name of Goods or Related Services	Unit	Qty.
1.	Online UPS 40 KVA - Delta HPH 40 KVA with battery	Nos.	2
2.	100 KVA Silent DG set with Base, Canopy/shed, With MS Electric Panel etc.- Kirloskar DG set 100KVA	Nos.	1
3.	Precision AC system- Vertiv PDX 10TR	Nos.	2
4.	Comfort AC System - Vertiv SRC 1.5TR	Nos.	2
5.	Fire Alarm System (Honeywell STX)	Nos.	1
6.	Fire Smoke Sensor (Honeywell)	Nos.	2
7.	Access Control System (eSSL IN-BIO 460B with 4 reader)	Nos.	1
8.	Water leakage detection system (TTK FG-ALS4)	Nos.	1
9.	Smoke Detection (Honeywell VEU-A10)	Nos.	1

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#	Name of Goods or Related Services	Unit	Qty.
10.	Rodent Repellent (MASER TORRANT V2)	Nos.	1
11.	CCTV Camera (Hikvision & CP Plus)	Nos	10
12.	CCTV NVR (Hikvision & CP Plus	Nos.	1
13.	Non-IT - Passive Components: Electrical Work, Civil Work, Wall Panel Acoustic Panel, etc.	Lump Sum	Lump Sum

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## Annexure-B

This project is a turnkey requirement that includes the physical shifting of existing IT & Non-IT assets, alongside the complete design, build, and commissioning of the new Data Centre facility, including all civil, electrical, networking, and safety infrastructure.

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### **1. Scope of Work**

The selected vendor will be responsible for the end-to-end execution of the project. The scope of work includes, but is not limited to, the following categories:

#### **A. Design & Engineering**

- Conducting a thorough site survey of both the existing and new premises.
- Preparing the layout and architectural design for the new Data Centre. *Note: Alterations to the existing proposed design may be required to optimize space, cooling, and power efficiency.*
- Submission of detailed CAD drawings, single-line diagrams (SLDs), and project execution plans for approval prior to commencement.

#### **B. Civil & Interior Works**

- Necessary civil alterations and modifications in the designated hall.
- Installation of fire-rated wall panelling, modular partitions, and false ceilings.
- Installation of anti-static raised flooring suitable for Data Centre load and under-floor cabling/cooling requirements.
- Sealing of all penetrations and application of fire-retardant paint where necessary.

#### **C. Electrical Systems & Power Backup**

- End-to-end electrical wiring, distribution boards, and power cabling.
- Relocation, installation, testing, and commissioning (RITC) of the Diesel Generator (DG) set.
- RITC of existing Uninterruptible Power Supply (UPS) systems with battery backup and redundancy (e.g., N+1 or N+N configuration).
- Provision of proper grounding and earthing systems for all IT and non-IT equipment.

#### **D. Networking & Passive Infrastructure**

- Supply (if required) and installation of server racks and network cabinets.
- Complete structured cabling (Copper and Fiber) including patch panels, raceways, and cable trays (overhead/underfloor).
- Testing and tagging of all network nodes.

#### **E. Fire Suppression & Safety Systems**

- Supply Installation Testing and Commissioning (SITC) of a clean-agent gas-based Fire Suppression System (e.g., Novec 1230 or FM-200 or equivalent).

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- Installation of Very Early Smoke Detection Apparatus (VESDA) and standard fire alarm systems.
- Integration of fire safety systems with the building's central BMS (if applicable).

#### **F. Logistics & IT Migration (Critical)**

- **Asset Tagging:** Systematic labeling of every cable, server, and port prior to de-racking.
- **White-Glove Transport:** Use of shock-absorbent packaging, specialized crates, and climate-controlled vehicles for transit.
- **Downtime Management:** Execution must occur during a predefined "Maintenance Window." The vendor must provide a "Roll-back Plan" in case of unforeseen migration failures.
- **Insurance:** Comprehensive "All-Risk" transit insurance covering the full replacement value of IT assets.

#### **Note:-**

- 1) Vendor must provide all necessary civil and electrical logistics and other services that are essential for migration and startup of the Data Centre as per the existing standards.**
- 2) Proposals must be submitted in two distinct parts:**
- 3) Technical Bid:**
  - a. Proposed project methodology and migration sequence.
  - b. Gantt Chart detailing the 8-week timeline.
- 4) Commercial Bid:**
  - a. Itemized Bill of Quantities (BOQ) with granular pricing.

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## Annexure-C

#	Eligibility Criteria	Documents Required to be Submitted
1.	<p>The quotationer must be a Company registered under the Indian Company Act 1956.</p> <p>Registered with the Service Tax, Income Tax, Sales Tax, and Provident Fund authorities in India.</p>	Copy of Certificate of Incorporation
2.	<p>The quotationer should have valid registration with appropriate statutory authorities as required under the law.</p> <p>A copy of all such registrations, such as PAN and GST.</p>	<ul style="list-style-type: none"><li>• Copy of PAN Card</li><li>• Copy of GST/Sales Tax/VAT Certification (Last up-to-date return copy)</li><li>• Copy of EPF Registration</li><li>• Copy of Service Tax Registration</li></ul> <p><i>The authorized signatory should attest copy of all documents listed above</i></p>
3.	<p>The quotationer shall have ISO 9001:2015 certification.</p>	Copy of ISO 9001:2015 Certificate or above.
4.	<p>The quotationer should be in the Data Centre /IT project / Datacenter Comprehensive Maintenance Contract projects business for at least 5 (five) years as of 31st March 2026.</p>	<ul style="list-style-type: none"><li>• Proof of commencement of business (self attested)</li><li>• List of clients (self attested).</li></ul>
5.	<p>The quotationer should have an average annual turnover of at least Rs. 20 Crore (Rupees Twenty Crore Only) during the last three financial years (2022-23, 2023-24, 2024-25 or 2025-26).</p>	Audited Balance Sheet and Profit & Loss Statement by a statutory auditor/Chartered Accountant.
6.	<p>The quotationer should have successfully completed the project of supply, installation &amp; commissioning of IT infrastructure (i.e. Data Centre / Datacenter Comprehensive Maintenance Contract projects); Project Value of Rs. 15 Crore or above in a Single order or Rs. 9 Crore or above each in two work orders or Rs. 5 Crore or above in three work orders during last five (5) financial years with any Central /State Govt. /PSUs.</p>	The quotationer must give an undertaking on its letterhead that it has the necessary expertise, along with a copy of the work order.

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#	Eligibility Criteria	Documents Required to be Submitted
7.	The firms having been blacklisted/ debarred in participating in any procurement activities by any State or Central Government or any other govt. Organizations in India are not allowed to Quote.	Notarized Affidavit to this effect shall be submitted by the bidder on stamp paper of adequate value that the agency has not been blacklisted/debarred from participating in tender/bids by any State or Central Govt. organization in India.
8.	The quotationer must have their registered service Centre in Bihar as of the date of submission of quote.	<ul style="list-style-type: none"> <li>• Copy of Service Provider GST registration certificate of Bihar.</li> <li>• Copy of Rent Agreement of the said premise.</li> </ul>

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