NATIONAL PAYMENTS CORPORATION OF INDIA

Registered Office - 1001A, B Wing, 10th Floor, 'The Capital', Bandra Kurla Complex, Bandra (E), Mumbai - 400 051

Annexure A

Corrigendum-3

This is with reference to NPCI's EOI Reference No: NPCI/EOI/2025-26/IT/02 dated 25th June 2025 - EOI for identifying Switching Infrastructure Solution for NVIDIA GPUs. The prospective bidders may please note the following changes:

Sr.	Document Reference	Description	Existing EOI Clause	Amended clause vide this note
1	EOI schedule, Page no 6	Bid cost for EOI	NA	Rs. 11,800/- (Rs. 10,000/- plus GST @18 %)
2	Definition and Eligibility Criteria for Bidders, Page no 21	Eligibility Criteria for Bidders	As per EOI, Clause 5.2 & 5.3	Revised Clause 5.2 & 5.3 (Refer As per Annexure 1)
3	Annexure G, Page no 35	Eligibility Criteria Response	As per EOI, Annexure G	Revised Annexure G (Refer As per Annexure 2)

Annexure 1

5.2 Eligibility Criteria for Bidders

Sr. No	Eligibility Criteria	MSME	Other than MSME
1	Governance – Statutory obligations	There shall be no continuing statutory default as on date of submitting the response to the tender. Necessary self-declaration along with extract of auditors' report.	There shall be no continuing statutory default as on date of submitting the response to the tender. Necessary self-declaration along with extract of auditors' report.
2	Blacklisting	Neither the OEM nor the bidder should have been currently blacklisted by any Bank or institution in India or abroad	Neither the OEM nor the bidder should have been currently blacklisted by any Bank or institution in India or abroad
3	Manufacturer authorization (MAF)	The bidder should be authorized to quote and support OEM products and services. The bidder shall not get associated with the distribution channel in any other capacity once he is eligible for price discussion.	The bidder should be authorized to quote and support for OEM products and services. The bidder shall not get associated with the distribution channel in any other capacity once he is eligible for price discussion.
4	Bid participation	The OEM can participate directly or can authorize only one bidder certified on proposed technology having deep expertise and implementation experience to participate on the OEMs behalf.	The OEM can participate directly or can authorize only one bidder certified on proposed technology having deep expertise and implementation experience to participate on the OEMs behalf.
5	Bid cost	The bidder has paid the bid cost as given in the EOI at the time of purchasing the bid document or has paid or submitted along with the bid submission.	The bidder has paid the bid cost as given in the EOI at the time of purchasing the bid document or has paid or submitted along with the bid submission.

Checklist

The following items must be checked before the Bid is submitted:

1. Online transfer of Rs 11,800/- (Rs. Eleven Thousand Eight Hundred only inclusive of GST@18%) towards cost of Bid document in Folder/Folder – 'A'

   Remittance proof in favor of "National Payments Corporation of India" payable at Mumbai amounting to Rs. 11,800/- (Rs. 10,000/- plus GST @18 %) towards bid purchase cost.

   The electronic / wire transfer can be done to designated NPCI bank account as detailed below:
   Account Name: National Payments Corporation of India
   Bank Name: ICICI Bank
   Account No: 039305002962
   IFSC Code: ICIC0000393

2. While transferring bid cost from their Bank account to NPCI bank account, the bidder shall clearly mention the EOI number and EOI description in the transfer details, failing which the bid is liable to be rejected.

3. The bidders shall pay the Bid Cost through the above-mentioned mode and the remittance proof shall be submitted to NPCI for the same. While transferring bid cost from their Bank account to NPCI bank account, the bidder shall mention the EOI number and EOI description in the transfer details, failing which the bid is liable to be rejected.

5.3 Contents

Folder A must be super scribed as "Eligibility Criteria". The following documents duly placed in a file must be inserted inside Folder A:

1.   Offer letter – Annexure A
2.   Bidder Information – Annexure B
3.   Declaration of Clean Track Record – Annexure C
4.   Declaration of Acceptance of Terms and Conditions – Annexure D
5.   Declaration of Acceptance of Scope of Work – Annexure E
6.   Power of Attorney for signing of bid – Annexure F
7.   Eligibility criteria Compliance - Annexure G
8.   OEM/Manufacturer Authorization Letter – Annexure H
9.   EOI document duly sealed and signed by the authorized signatory on each page
10. Declaration on bidder's Letterhead for Bid Cost paid with details of payment made

Annexure 2

ANNEXURE G Eligibility Criteria Response (Revised)

(Bidder's Letter Head)

Sr. No.	MSME	Other than MSME	Compliance Yes/No	Documentary proof to be attached
1	There shall be no continuing statutory default as on date of submitting the response to the tender. Necessary self-declaration along with extract of auditors' report.	There shall be no continuing statutory default as on date of submitting the response to the tender. Necessary self-declaration along with extract of auditors' report.		Self-declaration to be provided by SI along with customer references
2	Neither the OEM nor the bidder should have been currently blacklisted by any Bank or institution in India or abroad	Neither the OEM nor the bidder should have been currently blacklisted by any Bank or institution in India or abroad		Self-declaration on company letter head
3	The bidder should be authorized to quote and support OEM products and services. The bidder shall not get associated with the distribution channel in any other capacity once he is eligible for price discussion.	The bidder should be authorized to quote and support for OEM products and services. The bidder shall not get associated with the distribution channel in any other capacity once he is eligible for price discussion.		Declaration from OEM (as per Annexure H)
4	The OEM can participate directly or can authorize only one bidder certified on proposed technology having deep expertise and implementation experience to participate on the OEMs behalf.	The OEM can participate directly or can authorize only one bidder certified on proposed technology having deep expertise and implementation experience to participate on the OEMs behalf.		MAF
5	The bidder has paid the bid cost as given in the EOI at the time of purchasing the bid document or has paid or submitted along with the bid submission.	The bidder has paid the bid cost as given in the EOI at the time of purchasing the bid document or has paid or submitted along with the bid submission.		Declaration on bidder's Letterhead for Bid Cost paid with details of payment made

(Signature)

(Name)

(In the capacity of)

Duly authorized to sign Bid for and on behalf of

Annexure 3
Pre-bid Queries Response

Sr. No	Document Reference	Page No	Clause No	Description in the EOI	Clarification Sought	Additional Remarks (if any)	NPCI Responses
1	NPCI/EOI/2025-26/IT/02	Page no 35 Sr.no 2	Annexure G Eligibility Criteria Response	Neither the OEM nor the bidder should have been currently blacklisted by any Bank or institution in India or abroad	In document proof it is mentioned as per Annexure H on the company letter head whereas Annexure H is MAF format. Please confirm which Annexure to be used for declaration on same point		Bidder/OEM to provide self-declaration on their letter head duly signed by authorised signatory
2	NPCI/EOI/2025-26/IT/02	Page no 35 Sr.no 4	Annexure G Eligibility Criteria Response	The bidder should be authorized to quote and support for OEM products and services. The bidder shall not get associated with the distribution channel in any other capacity once he is eligible for price discussion. The bidder has paid the bid cost as given in the RFP at the time of purchasing the bid document or has paid or submitted along with the bid submission.	In document proof it is mentioned as per Annexure H on the company letter head whereas Annexure H is MAF format. Please confirm which Annexure to be used for declaration on same point		Bidder/OEM to provide self-declaration on their letter head duly signed by authorised signatory
3	NPCI/EOI/2025-26/IT/02	Page no 26 Clause no 6.7	Design Ownership	The Bidder shall indemnify the NPCI from all actions, costs, claims, demands, expenses and liabilities, whatsoever, resulting from any actual or alleged infringement as aforesaid and at the expenses of the Bidder. NPCI shall be defended in the defence of any proceedings which may be brought in that connection. Project plans, reports, ideas, documentation etc., developed for NPCI by the Bidder, while submitting the EOI response, shall be the property of the NPCI, unless otherwise agreed upon explicitly in writing.	We propose to include the following clause in the current clause: "NOTWITHSTANDING ANY OTHER PROVISION HEREOF, NEITHER PARTY SHALL BE LIABLE FOR (A) ANY INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL, EXEMPLARY OR PUNITIVE DAMAGES OR (B) ANY DAMAGES FOR LOST PROFITS, LOST REVENUES, LOSS OF GOODWILL, LOSS OF ANTICIPATED SAVINGS, LOSS OF CUSTOMERS, LOSS OF DATA, INTERFERENCE WITH BUSINESS OR COST OF PURCHASING REPLACEMENT SERVICES, ARISING OUT OF THE PERFORMANCE OR FAILURE TO PERFORM UNDER THIS AGREEMENT, WHETHER OR NOT CAUSED BY THE ACTS OR OMISSIONS OR NEGLIGENCE (INCLUDING GROSS NEGLIGENCE OR		No change

				WILLFUL MISCONDUCT) OF ITS EMPLOYEES OR AGENTS, AND REGARDLESS OF WHETHER SUCH PARTY HAS BEEN INFORMED OF THE POSSIBILITY OR LIKELIHOOD OF SUCH DAMAGES. IN NO EVENT BIDDER SHALL BE LIABLE IN AN AMOUNT THAT EXCEEDS, IN THE AGGREGATE FOR ALL SUCH LIABILITIES, THE MOST RECENT TWELVE (12) MONTHS OF CHARGES COLLECTED BY BIDDER FROM THE CUSTOMER PURSUANT TO THE APPLICABLE PURCHASE ORDER GIVING RISE TO THE LIABILITY. "		
4	800G Switch	10	5	latency really required <1ms:	need to change less than <4ms	Refer Exhibit I
5	10/25 G Switch	15	4	10/25G switch -Port To Port latency: <1ms	Need to Change Port to Port Latency less than 4ms	Refer Exhibit I
6	800G Switch	10	1	64-ports 800G QSFP56-DD or 800G OSFP ports and 2x 10G SFP+ Ports	Need to remove 2x10G SFP+ Ports	Refer Exhibit I
7	100G Switch	13	1	19" 1RU form factor switch with 36 -ports 100G SFP56-DD with 8 x400G QSFP56-DD ports	Need to make 24 ports 100G and 6ports 400G	Refer Exhibit I
8	Management Switch	17	1	19" 1RU form factor switch with 48x RJ45 10/100/1000Mbps auto-sensing ports, 4x 10G SFP+ ports and 2x 100G QSFP28 ports	Needs to change 19" 1RU form factor switch with 48x RJ45 10/100/1000Mbps auto-sensing ports, 4x 10G SFP+ ports	Refer Exhibit I
9		19	g	Monitoring / Management software for the overall solution	Cloud based software will be ok?	Refer Exhibit I
10	10/25 G Switch	17	5	10/25G switch -Support Wirespeed packet filtering in hardware	Need changes to Support Wirespeed packet (EPC) filtering in hardware	Refer Exhibit I
11		12	3. 100G Switch	19" 1RU form factor switch with 36 -ports 100G SFP56-DD with 8 x400G QSFP56-DD ports	Request you to modify the clause to 32 x 400G which is more standard SKU available with multiple OEM/ODMs.	The revised SKU can deliver 96 x 100G (by splitting 24 ports of 400G to 4 x 100G)+ 8 x 400G QSFP56-DD. This is a SKU which is also tried and tested by NPCI in the past.	Refer Exhibit I
12		13	3. 100G Switch	Min. Switching Fabric Capacity: 10 Tbps (full duplex)	Revised Min. Switching Fabric Capacity: 12.8 Tbps (full duplex)	Higher Capacity offered by a standard SKU increasing OEM/ODM participation. This is a SKU which is also tried and tested by NPCI in the past.	Refer Exhibit I

13			13	3. 100G Switch	Min. Forwarding Throughput: 2.6 Bpps (full duplex)	Min. Forwarding Throughput: 5.2 Bpps (full duplex)	Higher Capacity offered by a standard SKU increasing OEM/ODM participation. This is a SKU which is also tried and tested by NPCI in the past.	Refer Exhibit I
14			12	1. 800G Switch	FDA Regulation 21 CFR 1040.10 and 1040.11	Request you to kindly remove this clause.	FDA 21 CFR 1040.10 and 1040.11 are U.S. federal regulations applicable primarily to laser products sold or distributed in the United States. For projects that are not under U.S. jurisdiction, the application of these regulations may not be necessary	Refer Exhibit I
15			12	1. 800G Switch	EN 60825-2 Safety of Laser Products Part 2	We would like to request the removal (or waiver) of the EN 60825-2: Safety of Laser Products — Part 2 compliance requirement	The EN 60825 are the standard more relevant to the SFP's.	Refer Exhibit I
16			12	1. 800G Switch	EN 300 386	Kindly allow to provide an equivalent option of EN 300 386 such as CISPR32.	EN 300 386 is a European harmonized EMC standard developed by ETSI for telecommunication and networking equipment, aligning closely with global EMC requirements. Internationally recognized standards such as CISPR 32 (for multimedia equipment) address the same technical concerns.	Refer Exhibit I
17			13	2. 400G Switch	UL/CSA 60950-1, Second Edition	Requesting you to kindly also accept the IEC/EN60950-1.	Given the extensive technical equivalence between IEC/EN 60950-1 and UL/CSA 60950-1 (Second Edition)—including similar safety objectives, testing protocols, and protective measures—we respectfully request that compliance to IEC/EN 60950-1 be accepted as an equivalent alternative to UL/CSA 60950-1. Accepting IEC/EN 60950-1 certification will allow for efficient sourcing without compromising on product safety or regulatory adherence.	Refer Exhibit I

18		13	2. 400G Switch	EN 60950-1, Second Edition	Requesting you to kindly accept the IEC/EN60950-1 and IEC/EN 62368-1 along with EN 60950-1, Second Edition.	The latest IEC/EN 60950-1 standard incorporates updates and improvements harmonized across international markets, while maintaining the core safety requirements consistent with EN 60950-1 Second Edition. IEC/EN 62368-1 is the current safety standard that is gradually superseding EN 60950-1 and EN 60065, combining safety requirements for audio/video, information, and communication technology equipment. It is internationally recognized and widely accepted across global markets.	Refer Exhibit I
19		13	2. 400G Switch	EN 60825-2 Safety of Laser Products Part 2	We would like to request the removal (or waiver) of the EN 60825-2: Safety of Laser Products — Part 2 compliance requirement	The EN 60825 are the standard more relevant to the SFP's.	Refer Exhibit I
20		13	2. 400G Switch	EN 300 386 V1.4.1:2008	Kindly allow to provide an equivalent option of EN 300 386 such as CISPR32.	EN 300 386 is a European harmonized EMC standard developed by ETSI for telecommunication and networking equipment, aligning closely with global EMC requirements. Internationally recognized standards such as CISPR 32 (for multimedia equipment) address the same technical concerns. CISPR 32 is the recognized international standard for multimedia equipment emissions and immunity, and it has largely superseded EN 300 386, providing harmonized requirements aligned with current technology.	Refer Exhibit I
21		13	2. 400G Switch	EN 55024: 1998 + A1:2001 + A2:2003	Kindly accept EN55035 along with EN 55024: 1998 + A1:2001 + A2:2003.	As EN 55024 has been superseded by the updated and harmonized standard EN 55035, which consolidates and modernizes immunity requirements for multimedia equipment, we kindly request your confirmation to accept EN 55035 in place of EN 55024:1998 + A1:2001 + A2:2003.	Refer Exhibit I

22		15	3. 100G Switch	UL/CSA 60950-1, Second Edition	Requesting you to kindly also accept the IEC/EN60950-1.	Given the extensive technical equivalence between IEC/EN 60950-1 and UL/CSA 60950-1 (Second Edition)—including similar safety objectives, testing protocols, and protective measures— we respectfully request that compliance to IEC/EN 60950-1 be accepted as an equivalent alternative to UL/CSA 60950-1. Accepting IEC/EN 60950-1 certification will allow for efficient sourcing without compromising on product safety or regulatory adherence.	Refer Exhibit I
23		15	3. 100G Switch	EN 60950-1, Second Edition	Requesting you to kindly accept the IEC/EN60950-1 and IEC/EN 62368-1 along with EN 60950-1, Second Edition.	The latest IEC/EN 60950-1 standard incorporates updates and improvements harmonized across international markets, while maintaining the core safety requirements consistent with EN 60950-1 Second Edition. IEC/EN 62368-1 is the current safety standard that is gradually superseding EN 60950-1 and EN 60065, combining safety requirements for audio/video, information, and communication technology equipment. It is internationally recognized and widely accepted across global markets.	Refer Exhibit I
24		15	3. 100G Switch	EN 60825-2 Safety of Laser Products Part 2	We would like to request the removal (or waiver) of the EN 60825-2: Safety of Laser Products — Part 2 compliance requirement	The EN 60825 are the standard more relevant to the SFP's.	Refer Exhibit I
25		15	3. 100G Switch	EN 300 386 V1.4.1:2008	Kindly allow to provide an equivalent option of EN 300 386 such as CISPR32.	EN 300 386 is a European harmonized EMC standard developed by ETSI for telecommunication and networking equipment, aligning closely with global EMC requirements. Internationally recognized standards such as CISPR 32 (for multimedia equipment) address the same technical concerns. CISPR 32 is the recognized international standard for multimedia equipment emissions and immunity, and it	Refer Exhibit I

					has largely superseded EN 300 386, providing harmonized requirements aligned with current technology.	
26		15	3. 100G Switch	EN 55024: 1998 + A1:2001 + A2:2003	Kindly accept EN55035 along with EN 55024: 1998 + A1:2001 + A2:2003.	As EN 55024 has been superseded by the updated and harmonized standard EN 55035, which consolidates and modernizes immunity requirements for multimedia equipment, we kindly request your confirmation to accept EN 55035 in place of EN 55024:1998 + A1:2001 + A2:2003.	Refer Exhibit I
27		16	4. 10/25G Switch	19" 1RU form factor switch with minimum of 48 x SFP28 with 4 x QSFP28 and 2 x QSFP28-DD uplinks	Request you to modify the clause to 48 x SFP28 with 8 x QSFP28 Ports which is more standard SKU available with multiple OEM/ODMs.	We propose allowing flexibility to offer alternative high-speed port options such as QSFP28, which are widely supported, backward-compatible, and sufficient to meet current and future scalability needs, while also optimizing cost and power efficiency.	Refer Exhibit I
28		16	4. 10/25G Switch	Min. Switching Fabric Capacity: 3.2 Tbps (full duplex)	Requesting you to kindly change the switching fabric capacity to 2 Tbps.	2 Tbps is sufficient to support full line-rate throughput for 48 x 25G ports along with uplink ports, while also aligning with standard industry offerings. A 2 Tbps switching capacity fully meets the functional and performance needs for 25G deployments and allows broader participation from OEMs offering cost- and power-optimized platforms, without compromising on switching performance.	Refer Exhibit I
29		17	4. 10/25G Switch	UL/CSA 60950-1, Second Edition	Requesting you to kindly also accept the IEC/EN60950-1.	Given the extensive technical equivalence between IEC/EN 60950-1 and UL/CSA 60950-1 (Second Edition)—including similar safety objectives, testing protocols, and protective measures—we respectfully request that compliance to IEC/EN 60950-1 be accepted as an equivalent alternative to UL/CSA 60950-1. Accepting IEC/EN 60950-1 certification will allow for efficient sourcing without compromising on product safety or regulatory adherence.	Refer Exhibit I

30		17	4. 10/25G Switch	EN 60950-1, Second Edition	Requesting you to kindly accept the IEC/EN60950-1 and IEC/EN 62368-1 along with EN 60950-1, Second Edition.	The latest IEC/EN 60950-1 standard incorporates updates and improvements harmonized across international markets, while maintaining the core safety requirements consistent with EN 60950-1 Second Edition. IEC/EN 62368-1 is the current safety standard that is gradually superseding EN 60950-1 and EN 60065, combining safety requirements for audio/video, information, and communication technology equipment. It is internationally recognized and widely accepted across global markets.	Refer Exhibit I
31		17	4. 10/25G Switch	EN 60825-2 Safety of Laser Products Part 2	We would like to request the removal (or waiver) of the EN 60825-2: Safety of Laser Products — Part 2 compliance requirement	The EN 60825 are the standard more relevant to the SFP's.	Refer Exhibit I
32		17	4. 10/25G Switch	EN 300 386 V1.4.1:2008	Kindly allow to provide an equivalent option of EN 300 386 such as CISPR32.	EN 300 386 is a European harmonized EMC standard developed by ETSI for telecommunication and networking equipment, aligning closely with global EMC requirements. Internationally recognized standards such as CISPR 32 (for multimedia equipment) address the same technical concerns. CISPR 32 is the recognized international standard for multimedia equipment emissions and immunity, and it has largely superseded EN 300 386, providing harmonized requirements aligned with current technology.	Refer Exhibit I
33		17	4. 10/25G Switch	EN 55024: 1998 + A1:2001 + A2:2003	Kindly accept EN55035 along with EN 55024: 1998 + A1:2001 + A2:2003.	As EN 55024 has been superseded by the updated and harmonized standard EN 55035, which consolidates and modernizes immunity requirements for multimedia equipment, we kindly request your confirmation to accept EN 55035 in place of EN 55024:1998 + A1:2001 + A2:2003.	Refer Exhibit I

34		17	5. Management Switch	ICES Class A	Kindly accept EN 55032:2015+AC:2016, Class A along with ICES Class A.	EN 55032 is based on the CISPR 32 standard and is widely recognized across global markets for setting EMC emission limits for multimedia equipment used in commercial and industrial environments. EN 55032:2015 + AC:2016, Class A provides equivalent emission limits and technical rigor to ICES-003 Class A and ensures conformity with similar regulatory intent.	Refer Exhibit I
35		17	5. Management Switch	FDA 21 CFR 1040.10 and 1040.11	Request you to kindly remove this clause.	FDA 21 CFR 1040.10 and 1040.11 are U.S. federal regulations applicable primarily to laser products sold or distributed in the United States. For projects that are not under U.S. jurisdiction, the application of these regulations may not be necessary	Refer Exhibit I
36		9	Solution Guidelines:	OEM specific IOS supporting Ethernet switching e.g. – OEM's can propose both solutions i.e. with Nvidia Spectrum on their hardware or their own operating system on their own hardware	OEM specific NOS (Network Operating System) supporting Ethernet switching e.g. – OEM's can propose both solutions i.e. with Nvidia Spectrum with Nvidia CUMULUS or their own operating system on their own hardware	OEM are allowed to propose MIXED TECH Stack and Is acceptable as part of the overall Solution	Refer Exhibit I
37		9	Solution Guidelines:	For GPU infra., OEM need to propose SFP's at both server and switch end considering 32 nodes per site	For GPU infra., OEM need to propose SFP's at both server and switch end considering 32 nodes per site- Only 100G and 400G Transrecievers	Only 100G and 400G Transrecievers	Refer Exhibit I
38		9	Solution Guidelines:	Server end SPF's should be validated by server OEM's	Server end SPF's should be validated by server OEM's- Only 100G and 400G Transrecievers	NPCI should provide detials of the NIC Card Make , Model and Count for which the transreceivers needs to be provided	Refer Exhibit I
39		9	Solution Guidelines:	OEM need to propose MPO cabling solutions.		Undertanding Clarity - Patch cords of Sufficient lengths Only. No Structured Cabling solution	Refer Exhibit I
40		9	Solution Guidelines:	Installation should be done by OEM engineer. Proper documentation along with knowledge transfer is expected post implementation.		Plan , Design , Install , Implement and handover Support directly by the OEM Services team	Refer Exhibit I
41		19	AI GPU Switches for 2 locations - Considering 32 nodes and 10 storage servers (40*100G	c.Single mode SFP's at switch end d.Single mode SFP's at server end	BE-Switch to NIC Card - on 400G Only Single Mode.	Back end Network - GPU	Refer Exhibit I

			ports) per location			
42		19	AI GPU Switches for 2 locations - Considering 32 nodes and 10 storage servers (40*100G ports) per location	c.Single mode SFP's at switch end d.Single mode SFP's at server end	FE-Switch to NIC Card - Multi Mode (100 G) Only Storage Server (10 Nos) will connect to Front end Switches only with No Back end Connectivity	Front end Network - CPU/Storage	Refer Exhibit I
43		19	Genius application switching fabric for 2 locations - purpose super spine, spine, border leaf and leaf architecture considering	b.200 nos 40/100 switching ports for storage c.Provide leaf, spine, border leaf and super spines switching BOQ d. Consider Switch end multimode SFP's e. Consider 400G SFP's for Aggregator connectivity	The server networking industry is consolidating around multimode, short-reach optics for 100GbE connections, with SR1.2 (bi-directional, dual-wavelength transceiver using a standard duplex LC connector) emerging as the go-to standard for new deployments	Server Side transreceivers for 100G - SR 1.2	Refer Exhibit I
44		19	Genius application switching fabric for 2 locations - purpose super spine, spine, border leaf and leaf architecture considering	b.200 nos 40/100 switching ports for storage c.Provide leaf, spine, border leaf and super spines switching BOQ d. Consider Switch end multimode SFP's e. Consider 400G SFP's for Aggregator connectivity	Leaf , Spine , Super-Spine , Border , Management switches & all optics shall be from the same OEM .	Optics Validation and testing from the Same OEM	Refer Exhibit I
45		24	General Terms and Conditions	The Bidder for this EOI can only submit one bid. The shortlisted Bidders cannot change their proposed Solution, architecture and their OEMs during the period of the shortlisting and subsequent RFP.		Understanding clarity :-One Bidder with One Solution TECH STACK only	Refer Exhibit I
46		26	6.7 Design Ownership:		NPCI envisages the Project as the Turnkey Solution with Single technology partner for one Data center		Refer Exhibit I
47		44	7. 100G Switch: Capacity and Performance	19" 1RU form factor switch with 36 -ports 100G SFP56-DD with 8 x400G QSFP56-DD ports	19" 1RU form factor switch with minimum 36 -ports 100G SFP56-DD with 8 x400G QSFP56-DD ports	Changes in Language	Refer Exhibit I
48		49	9. Management Switch: Capacity and Performance	Switch RAM: 6 2 GB or better, Disk type and size: SSD and 4 GB or better	Switch RAM: 16 GB or better, Disk type and size: SSD and 4 GB or better	Typo changes	Refer Exhibit I

49		10		Capacity and Performance - 800G switch	Switch should support breakout of 800 ports to 256 ports of 100G and 64 ports of 400G simultaneously or Switch should support breakout of 800G ports to 512 ports of 100G and 128 ports of 400G simultaneously	Switch should support breakout of 800 ports to 256 ports of 100G and 64 ports of 400G simultaneously or Switch should support breakout of 800G ports to 320 ports of 100G and 128 ports of 400G simultaneously	Refer Exhibit I
50		10		Layer 2 Features - 800G switch	Support Min. 6K MAC addresses	Support Min. 100K MAC addresses	Refer Exhibit I
51		11		Layer 3 Features - 800G switch	Support 1Million IPv4 and 1 Million IPv6 Routes	Support 800k IPv4 and 300k IPv6 Routes	Refer Exhibit I
52		12		Layer 3 Features - 400G switch	Support 1Million IPv4 and 1 Million IPv6 Routes	Support 700k IPv4 and 300k IPv6 Routes	Refer Exhibit I
53		12		Layer 2 Features - 400G switch	Support Min. 8K MAC addresses	Support Min. 100K MAC addresses	Refer Exhibit I
54		13		Capacity and Performance - 100G switch	19" 1RU form factor switch with 36 -ports 100G SFP56-DD with 8x400G QSFP56-DD ports	19" 1RU form factor switch with 36 -ports 100G SFP56-DD with 8x400G QSFP-DD ports	Refer Exhibit I
55		14		Layer 2 Features - 100G switch	Support Min. 224K MAC addresses	Support Min. 150K MAC addresses	Refer Exhibit I
56		15		Capacity and Performance - 10/25G switch	19" 1RU form factor switch with minimum of 48x SFP28 with 4x QSFP28 and 2x QSFP28-DD uplinks	19" 1RU form factor switch with minimum of 48x SFP28 with 6 x QSFP28 uplinks	Refer Exhibit I
57		16		Capacity and Performance - 10/25G switch	Switch RAM: 16GB or better, Disk type and size: SSD and 64GB or better	Switch RAM: 16GB or better, Disk type and size: SSD and 50GB or better	Refer Exhibit I
58		18		Capacity and Performance - Management switch	Switch RAM: 6 2 GB or better, Disk type and size: SSD and 4 GB or better	Switch RAM: 4 GB or better, Disk type and size: SSD 20 GB or better	Refer Exhibit I
59	NPCI/EOI/2025-26/02	9	NA	Solution Guidelines :	The given point to be added in the Solution guidelines : Solution must be NVIDIA Certified reference architecture to make sure the GPU performance for multi-node training and inferencing as in line with the MLPerf Comm Benchmarking.		Refer Exhibit I
60	NPCI/EOI/2025-26/02	10	NA	Switching Infrastructure Requirements - RoCEv2 support with:RDMA & Lossless Ethernet - Deep buffering for microburst absorption	We do not need extreme deep buffer switch, where we can replace this with Lossless fabric		Refer Exhibit I
61	NPCI/EOI/2025-26/02	10	NA	Indicative Switch Specification : Capacity and Performance - 1. 800G Switch:"19"" 2RU form factor switch with 64-ports 800G QSFP56-DD or 800G OSFP ports and 2x 10G SFP+ Ports"	Do we need 2 x 10G SFP+ Ports on the switch or optional?		Refer Exhibit I
62	NPCI/EOI/2025-26/02	10	NA	Indicative Switch Specification: Capacity and Performance - Must have packet memory buffer of 164MB or more	Can we lower down to 160MB or more		Refer Exhibit I

63	NPCI/EOI/2025-26/02	11	NA	Indicative Switch Specification:Capacity and Performance - Layer 3 Features - Support 1Million IPv4 and 1 Million IPv6 Routes	Why do we need 1Million IPv4 and IPv6 routes?		Refer Exhibit I
64	NPCI/EOI/2025-26/02	12	NA	400 Switch : Layer 3 Features - Support 1Million IPv4 and 1 Million IPv6 Routes	Why do we need 1Million IPv4 and IPv6 routes?		Refer Exhibit I
65	NPCI/EOI/2025-26/02	14	NA	100G Switch: Layer 3 Features - Support a minimum of 1000 VRFs per switch	Why do we need 1000 VRF's?		Refer Exhibit I
66	NPCI/EOI/2025-26/02	15	NA	10/25 G Switch:Layer 2 Features - Support Min. 224K MAC addresses - Layer 3 Features - "Support a minimum of 160K IPv4 and 64K IPv6 Routing table entries"	Can we offer a Datacenter profile which fits most of the datacenter deployments. Option 1: 50K MAC, 82K IPv4 and 74kIPv6 Option 2: 239k MAC, 16k IPv4 and 16k IPv6		Refer Exhibit I
67	NPCI/EOI/2025-26/02	16	NA	10/25 G Switch: Layer 3 Features - Support a minimum of 960 VRFs per switch	Why do we need 960 VRF's		Refer Exhibit I
68	NPCI/EOI/2025-26/02	22	NA	Folder B : Technical Bid documents - Development and support centers in India	Annexure / format not given, can we prepare of our own ?		Yes, However reponse should be comprehensive
69	Indicative Switch Specification:	10	Indicative Switch Specification : 1. 800G Switch:	Capacity and Performance : 19" 2RU form factor switch with 64-ports 800G QSFP56-DD or 800G OSFP ports and 2x 10G SFP+ Ports	Requesting to change the clause to as below: "Capacity and Performance : 19" 2RU form factor switch with 64-ports 800G QSFP56-DD or 800G OSFP ports"	Requesting NPCI to remove the 2 x 10G SFP+ ports support from the Switch	Refer Exhibit I
70	Indicative Switch Specification:	11	Indicative Switch Specification : 1. 800G Switch:	Layer 3 Features : Support 1Million IPv4 and 1 Million IPv6 Routes	Requesting to change the clause to as below: "Layer 3 Features : Support 1Million IPv4 and 500K IPv6 Routes"	Requesting NPCI to change the IPv6 route scale to 500K	Refer Exhibit I
71	Indicative Switch Specification:	11	Indicative Switch Specification : 1. 800G Switch:	Layer 3 Features : Support IGMP Snooping v1 & v2	Requesting to remove the clause mentioned below: "Layer 3 Features : Support IGMP Snooping v1 & v2"	For backend networks multicast routing is not required, essentially ROCEv2 network requires routed network. Hence requesting NPCI to remove the IGMP snooping functionality	Refer Exhibit I
72	Indicative Switch Specification:	12	Indicative Switch Specification : 2. 400G Switch:	Layer 3 Features : Support TCP/IP protocol stack ARP with minimum of 16K ARP entries	Requesting to change the clause to as below: "Layer 3 Features : Support TCP/IP protocol stack ARP with minimum of 8K ARP entries"	Requesting NPCI to change the ARP entries scale to 8K	Refer Exhibit I
73	Indicative Switch Specification:	13	Indicative Switch Specification : 3. 100G Switch:	Capacity and Performance : 19" 1RU form factor switch with 36 -ports 100G SFP56-DD with 8 x400G QSFP56-DD ports	Requesting to change the clause to as below: "Capacity and Performance : 19" 1RU form factor switch with 28 -ports 100G QSFP28 and 8 x400G QSFP56-DD ports"	Requesting NPCI to clarify on below: - The 100G ports are QSFP28 ports and 400G ports are QSFP56-DD - The total no. of required ports per switch,please confirm if total of 36 ports are required out of which 8 ports should be 400G QSFP56-DD	Refer Exhibit I

74	Indicative Switch Specification:	15	Indicative Switch Specification : 3. 100G Switch:	Power Supply : Max power consumption: 920W under full load (while using maximum range transceivers type)	Requesting to change the clause to as below: "Power Supply : Max power consumption: 1071W under full load (while using maximum range transceivers type)"	Requesting NPCI to change the max power to 1071W, the typical power consumption of the proposed switch would be around 590W	Refer Exhibit I
75	Indicative Switch Specification:	15	Indicative Switch Specification : 4. 10/25 G Switch:	Capacity and Performance : 19" 1RU form factor switch with minimum of 48x SFP28 with 4x QSFP28 and 2x QSFP28-DD uplinks	Requesting to change the clause to as below: "Capacity and Performance : 19" 1RU form factor switch with minimum of 48x SFP28 with 6x 40/100G QSFP28 uplinks"	Requesting NPCI to change the uplink port specifications to 40/100G QSFP28	Refer Exhibit I
76	Indicative Switch Specification:	17	Indicative Switch Specification : 5. Management Switch:	Capacity and Performance : 19" 1RU form factor switch with 48x RJ45 10/100/1000Mbps auto-sensing ports, 4x 10G SFP+ ports and 2x 100G QSFP28 ports	Requesting to change the clause to as below: "Capacity and Performance : 19" 1RU form factor switch with 48x RJ45 10/100/1000Mbps auto-sensing ports, 4x 10G SFP+ ports or 2x 40G QSFP28 ports"	Requesting NPCI to change the uplink port specifications to 4x10G SFP ports OR 2x40G QSFP28 ports	Refer Exhibit I
77	Indicative Switch Specification:	17	Indicative Switch Specification : 5. Management Switch:	Capacity and Performance : Switch RAM: 6 2 GB or better, Disk type and size: SSD and 4 GB or better	Requesting to change the clause to as below: "Capacity and Performance : Switch RAM: 6 2 GB or better, Disk type and size: SSD and 4 GB or betters"	NPCI to please clarify if there is a typo in the Switch RAM, please confirm if bidders can consider Switch RAM of 2GB or better	Refer Exhibit I
78	Indicative Switch Specification:	18	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support ECMP (Equal Cost Multi-Path) for OSPF	Requesting to remove the clause mentioned below: "Layer 3 Features : Support ECMP (Equal Cost Multi-Path) for OSPF"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
79	Indicative Switch Specification:	18	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support VXLAN	Requesting to remove the clause mentioned below: "Layer 3 Features : Support VXLAN"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
80	Indicative Switch Specification:	18	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support BGP-EVPN	Requesting to remove the clause mentioned below: "Layer 3 Features : Support BGP-EVPN"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
81	Indicative Switch Specification:	18	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support BGP Unnumbered interfaces	Requesting to remove the clause mentioned below: "Layer 3 Features : Support BGP Unnumbered interfaces"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I

82	Indicative Switch Specification:	18	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support IPv6 unnumbered interfaces	Requesting to remove the clause mentioned below: "Layer 3 Features : Support IPv6 unnumbered interfaces"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
83	OEM's need to provide BOQ and final technical specifications which is in line with indicative technical specifications as provided in Annexure - K	19		I. AI GPU Switches for 2 locations - Considering 32 nodes and 10 storage servers (40*100G ports) per location g. Monitoring / Management software for the overall solution	Requesting NPCI to clarify if the bidders can propose a VM based monitoring/management software and NPCI will provide the necessary VM Resources.		Refer Exhibit I
84	ANNEXURE K - Technical Specifications	39	Switch Specification : 1. 800G Switch:	Capacity and Performance : 19" 2RU form factor switch with 64-ports 800G QSFP56-DD or 800G OSFP ports and 2x 10G SFP+ Ports	Requesting to change the clause to as below: "Capacity and Performance : 19" 2RU form factor switch with 64-ports 800G QSFP56-DD or 800G OSFP ports"	Requesting NPCI to remove the 2 x 10G SFP+ ports support from the Switch	Refer Exhibit I
85	ANNEXURE K - Technical Specifications	40	Indicative Switch Specification : 1. 800G Switch:	Layer 3 Features : Support 1Million IPv4 and 1 Million IPv6 Routes	Requesting to change the clause to as below: "Layer 3 Features : Support 1Million IPv4 and 500K IPv6 Routes"	Requesting NPCI to change the IPv6 route scale to 500K	Refer Exhibit I
86	ANNEXURE K - Technical Specifications	40	Indicative Switch Specification : 1. 800G Switch:	Layer 3 Features : Support IGMP Snooping v1 & v2	Requesting to remove the clause mentioned below: "Layer 3 Features : Support IGMP Snooping v1 & v2"	For backend networks multicast routing is not required, essentially ROCEv2 network requires routed network. Hence requesting NPCI to remove the IGMP snooping functionality	Refer Exhibit I
87	ANNEXURE K - Technical Specifications	42	Indicative Switch Specification : 2. 400G Switch:	Layer 3 Features : Support TCP/IP protocol stack ARP with minimum of 16K ARP entries	Requesting to change the clause to as below: "Layer 3 Features : Support TCP/IP protocol stack ARP with minimum of 8K ARP entries"	Requesting NPCI to change the ARP entries scale to 8K	Refer Exhibit I
88	ANNEXURE K - Technical Specifications	44	Indicative Switch Specification : 3. 100G Switch:	Capacity and Performance : 19" 1RU form factor switch with 36 -ports 100G SFP56-DD with 8 x400G QSFP56-DD ports	Requesting to change the clause to as below: "Capacity and Performance : 19" 1RU form factor switch with 28 -ports 100G QSFP28 and 8 x400G QSFP56-DD ports"	Requesting NPCI to clarify on below: - The 100G ports are QSFP28 ports and 400G ports are QSFP56-DD - The total no. of required ports per switch,please confirm if total of 36 ports are required out of which 8 ports should be 400G QSFP56-DD	Refer Exhibit I
89	ANNEXURE K - Technical Specifications	46	Indicative Switch Specification : 3. 100G Switch:	Power Supply : Max power consumption: 920W under full load (while using maximum range transceivers type)	Requesting to change the clause to as below: "Power Supply : Max power consumption: 1071W under full load (while using maximum range transceivers type)"	Requesting NPCI to change the max power to 1071W, the typical power consumption of the proposed switch would be around 590W	Refer Exhibit I

90	ANNEXURE K - Technical Specifications	46	Indicative Switch Specification : 4. 10/25 G Switch:	Capacity and Performance : 19" 1RU form factor switch with minimum of 48x SFP28 with 4x QSFP28 and 2x QSFP28-DD uplinks	Requesting to change the clause to as below: "Capacity and Performance : 19" 1RU form factor switch with minimum of 48x SFP28 with 6x 40/100G QSFP28 uplinks"	Requesting NPCI to change the uplink port specifications to 40/100G QSFP28	Refer Exhibit I
91	ANNEXURE K - Technical Specifications	49	Indicative Switch Specification : 5. Management Switch:	Capacity and Performance : 19" 1RU form factor switch with 48x RJ45 10/100/1000Mbps auto-sensing ports, 4x 10G SFP+ ports and 2x 100G QSFP28 ports	Requesting to change the clause to as below: "Capacity and Performance : 19" 1RU form factor switch with 48x RJ45 10/100/1000Mbps auto-sensing ports, 4x 10G SFP+ ports or 2x 40G QSFP28 ports"	Requesting NPCI to change the uplink port specifications to 4x10G SFP ports OR 2x40G QSFP28 ports	Refer Exhibit I
92	ANNEXURE K - Technical Specifications	49	Indicative Switch Specification : 5. Management Switch:	Capacity and Performance : Switch RAM: 6 2 GB or better, Disk type and size: SSD and 4 GB or better	Requesting to change the clause to as below: "Capacity and Performance : Switch RAM: 6 2 GB or better, Disk type and size: SSD and 4 GB or betters"	NPCI to please clarify if there is a typo in the Switch RAM, please confirm if bidders can consider Switch RAM of 2GB or better	Refer Exhibit I
93	ANNEXURE K - Technical Specifications	50	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support ECMP (Equal Cost Multi-Path) for OSPF	Requesting to remove the clause mentioned below: "Layer 3 Features : Support ECMP (Equal Cost Multi-Path) for OSPF"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
94	ANNEXURE K - Technical Specifications	50	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support VXLAN	Requesting to remove the clause mentioned below: "Layer 3 Features : Support VXLAN"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
95	ANNEXURE K - Technical Specifications	50	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support BGP-EVPN	Requesting to remove the clause mentioned below: "Layer 3 Features : Support BGP-EVPN"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
96	ANNEXURE K - Technical Specifications	50	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support BGP Unnumbered interfaces	Requesting to remove the clause mentioned below: "Layer 3 Features : Support BGP Unnumbered interfaces"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic Layer-3 routerd network	Refer Exhibit I
97	ANNEXURE K - Technical Specifications	50	Indicative Switch Specification : 5. Management Switch:	Layer 3 Features : Support IPv6 unnumbered interfaces	Requesting to remove the clause mentioned below: "Layer 3 Features : Support IPv6 unnumbered interfaces"	Requesting NPCI to remove the advance Layer-3 features mentioned in the specifications of out of band management switch, It will be a Layer-2 or basic	Refer Exhibit I

					Layer-3 routerd network		
98	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	9	Chapter 4	Scope of work - Testing: Perform connectivity and performance tests to verify network readiness and ensure low-latency, high-throughput operation.	Equipment Required for Testing Servers- Load Generation for performance testing, Request to kindly confirm that NPCI would be providing the same		Refer Exhibit I
99	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	9	Chapter 4	Scope of work -Integration: Connect switches to H200 servers, storage, and other infrastructure, ensuring seamless data flow for AI workloads.	We Request NPCI to kindly provide the specifications for NIC & SFP with details of the GPU & Storage server.		Refer Exhibit I
100	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	10	Chapter 4	Indicative Switch Specification: 1. 800G Switch: Capacity and Performance: 19" 2RU form factor switch with 64-ports 800G QSFP56-DD or 800G OSFP ports and 2x 10G SFP+ Ports	We Request NPCI to kindly clarify and provide more details of the the usecase for 2x10G SFP+ ports required on the 800G switch & kindly provide details of device's which are planned to be connected to these 10G ports.		Refer Exhibit I
101	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	10	Chapter 4	Indicative Switch Specification: 1. 800G Switch: Capacity and Performance Min. Switching Fabric Capacity: 51.2 Tbps (102.2 Tbps full duplex)	64x800G= 51.2 Tbps full duplex , we request you to kindly clarify translation to 102.2 Tbps Full Duplex.		Refer Exhibit I
102	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	11	Chapter 4	Indicative Switch Specification: 1. 800G Switch: Layer 3 Features Support IGMP Snooping v1 & v2	We Request NPCI to kindly confirm if there will be any multicast usecase which runs with the GPU's	If yes , could NPCI provide details on this use case	Refer Exhibit I
103	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	12	Chapter 4	2. 400G Switch: Capacity and Performance: 19" 2RU form factor switch with 64-ports 400G QSFP56-DD ports and 2x 10G SFP+ Ports	We Request NPCI to kindly clarify and provide more details of the the usecase for 2x10G SFP+ ports required on the 400G switch	Request NPCI to kindly provide details of device's which are planned to be connected to these 10G ports.	Refer Exhibit I
104	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	12	Chapter 4	2. 400G Switch: Capacity and Performance: Min. Switching Fabric Capacity: 25 Tbps (50 Tbps full duplex)	64x400G=25Tbps full duplex,we request you to kindly clarify translation to 50 Tbps Full Duplex.		Refer Exhibit I
105	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	14	Chapter 4	3.100G switch: Layer 3 Features: Support a minimum of 1000 VRFs per switch	We Request NPCI To kindly provide details i) If there are 36*40/100G ports , how would this translate to 1000 VRFs		Refer Exhibit I

106	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	14	Chapter 4	3.100G switch: Layer 3 Features: Should support RDMA over Converged Ethernet (RoCE v2) capabilities	Usually low capacity 100G platforms are not designed to support full RoCEv2 functionality. As they lack native Priority Flow Control (PFC) or ECN behaviour fine-tuned for RDMA lossless transport. Requiring support RDMA over Converged Ethernet (RoCE v2) on these switches may result in increased TCO		Refer Exhibit I
107	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	16	Chapter 4	4.10/25G Switch: Layer 3 Features: Support a minimum of 960 VRFs per switch	We Request NPCI To kindly clarify i) if there are 48*10/25 G Ports, how would this translate 960 VRF's		Refer Exhibit I
108	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	16	Chapter 4	4.10/25G Switch: Layer 3 Features: Should support RDMA over Converged Ethernet (RoCE v2) capabilities	Usually low capacity 10/25 G platforms are not designed to support full RoCEv2 functionality. As they lack native Priority Flow Control (PFC) or ECN behaviour fine-tuned for RDMA lossless transport. Requiring support RDMA over Converged Ethernet (RoCE v2) on these switches may result in increased TCO		Refer Exhibit I
109	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	18	Chapter 4	5. Management Switch:: Layer 3 Features: Support IGMP Snooping v1 & v2, PIM-SSM, SM	Request NPCI to kindly confirm the use case to run multicast on Management switches	Requiring Multicast on Management switches may result in a increased TCO	Refer Exhibit I
110	Expression-of-Interest-for-identifying-Switching-Infrastructure-Solution-for-NVIDIA-GPUs	21	5.2	4. The OEM can participate directly or can authorize only one bidder certified on proposed technology having deep expertise and implementation experience to participate on the OEMs behalf.	Can the OEM Directly be eligible for participation in the EOI and participate in the RFP /Tender through a partner	Request NPCI to kindly confirm if OEM Can participate in EOI and RFP representation can be done by an Authorised Channel partner representing the OEM.	Refer Exhibit I
111	EOI Document	8	4	High-performance switches are essential for GPU(Model H200) servers used in AI workloads due to the massive data volumes and the need for ultra-fast, low-latency communication between GPUs, storage, and compute nodes. AI training and inference tasks involve frequent data exchanges across servers, which, if not supported by high-bandwidth and low-latency switches, can lead to significant bottlenecks, impacting both performance and scalability. Modern AI	Bidder seeks clarification if NPCI has already procured servers with NVIDIA GPU H200? Kindly provide details about servers, storage procured so as to have more clarity on integration with the proposed switches		Refer Exhibit I

					clusters, like those built with NVIDIA H200 systems, require switches that support speeds of 400G or 800G to handle current and future data demands efficiently.		
112	EOI Document	9	4		Solution Guidelines: •Solution proposed can be either or both of below o Nvidia spectrum supporting ethernet switching o OEM specific IOS supporting Ethernet switching e.g. – OEM's can propose both solutions i.e. with Nvidia Spectrum on their hardware or their own operating system on their own hardware	Bidder seeks clarification if NPCI will accept whitelabled switches with OS from any leading 3rd party switching OEM?	Refer Exhibit I
113	EOI Document	9	4		For GPU infra., OEM need to propose SFP's at both server and switch end considering 32 nodes per site	Bidder seeks clarification, how many sites to consider? Kindly provide side details. How many ports/SFP's to consider for each of the 32 node?	Refer Exhibit I
114	EOI Document	9	4		Server end SPF's should be validated by server OEM's	Bidder seeks clafirication, bidder should procure SFP from which server OEM?	Refer Exhibit I
115	EOI Document	9	4		OEM need to propose MPO cabling solutions. (DAC / AOC cables are recommended for Interswitch connectivity)	Bidder seeks clarification, for how many racks is the MPO cabling required? Request NPCI to provide rack layout illustrating number of network racks, number of server racks, rack internal elevation (if possible) What is the size of each rack? What is the available power per rack? PDU's will be provided by NPCI?t Are all the racks in same row? Kindly provide more clarity about WAN network integration with the proposed switches. Request NPCI to share proposed network architecture.	Refer Exhibit I
116	EOI Document	9	4		Installation should be done by OEM engineer. Proper documentation along with knowledge transfer is expected post implementation.	Bidder request to relax this clause to installation should be done by Bidder in consultation with OEM engineer	Refer Exhibit I

Exhibit I

NPCI has given format where in the bidder must give compliance along with deviation and work around. With this, the bidder must submit the bid documents as per the schedule.

Category	Specification / Requirement	Compliance (Yes/No)	Deviations if any (Yes/No)	Workarounds in case of deviations

The bidders need to share deviations, suggestions, work arounds along with explanations during the technical presentation, which will be examined by NPCI.

Technical Evaluation would include the following:

The indicative parameters to be used for technical evaluation:

Sr No	Scoring weightage
1	Domain expertise and knowledge in handling such projects of similar magnitude and nature
2	Execution methodology
3	Adherence to industry standards
4	Solution architecture offered
5	Development and support centres and adherence to SLA's
6	Presentation*

*to include deviations, suggestions, work arounds along with explanations