

Notification pertaining to Request for Proposal (RFP) for Expansion of NPCINET.

About NPCI

National Payments Corporation of India (NPCI) is a registered company under Section 25 of the Companies Act, 1956 with its Registered Office in Mumbai, India. NPCI is promoted by 10 banks in India under the aegis of the Indian Banks Association with majority shareholding by Public Sector Banks.

The 10 promoter banks are State Bank of India, Punjab National Bank, Canara Bank, Bank of Baroda, Bank of India, Union Bank of India, ICICI Bank Ltd, HDFC Bank Ltd, Citibank N.A, and HSBC. The core objective was to consolidate and integrate the multiple systems with varying service levels into a Nation-wide uniform and standard business process in the retail electronic payments system segment. The vision, mission and objectives of NPCI are to operate for the benefit of all the Member Banks and the common man at large.

Objective of this RFP

NPCI has various business verticals to process variety of retail payments prevailing in India today. NPCI intends to improve the current retail payment systems and add new lines of business in future. NPCI will be processing all the Electronic retail payments in a centralized mode of operation for which it is needed to setup new systems and communication lines to support the business verticals.

NPCI is proposed to expand NPCINET for CTS western grid and rest of Cities in India. It is also proposed to setup a Data Centre at Hyderabad to facilitate the CTS DR operations for Mumbai, Delhi and Chennai grids. Implementation of network includes network equipment's and security components.

NPCI invites responses from reputed vendors in India for Supply, Installation, Commissioning and Maintenance which includes links, network and security equipment's, bandwidth for interconnecting NPCI Data Centre, CTS western grid, CTS network to connect PAN India and expansion of existing NFS connectivity as well as interconnecting all grids to Disaster Recovery site at Hyderabad.

Cost of the RFP

The Bidder shall bear all costs associated with the preparation and submission of its bid and NPCI shall, in no case, be held responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

The Bidders can procure the RFP document from NPCI's office, at 13th Floor, R Tech Park, off western express highway, Nirlon Complex, Near HUB Mall, Goregaon-east, Mumbai- 400063, Contact: IT Procurement/Tel:+91 22 4050 8500 on payment of non-refundable amount of Rs.11,236.00 (Inclusive of Service tax@12.36%), payable in the form of Demand Draft/Pay order

from any Scheduled Commercial bank in India favouring “**NATIONAL PAYMENTS CORPORATION OF INDIA**” payable at Mumbai. This RFP document is non-transferable.

RFP document containing detail specifications and requirements with terms and conditions can be obtained by eligible Bidders on any working day during office hours from 17th August, 2012 to 27th August, 2012, 10:30 hrs. to 16:30 hrs. on payment of RFP cost in the form of Demand Draft / Pay Order.

RFP document is non-transferable and cost of RFP documents is non-refundable.

Ownership of this RFP

The content of this RFP is a copy right material of National Payments Corporation of India. No part or material of this RFP document should be published on paper or electronic media without prior written permission from NPCI.

Eligibility Criteria

Pre-requisite

The Bidder should possess the requisite experience, resources and capabilities in providing the services necessary to meet the requirements, as described in the tender document. The Bidder should also possess the technical know-how and the financial wherewithal that would be required to successfully operate the NPCI Network and support services sought by NPCI for the entire period of the contract. The bid must be complete in all respects and should cover the entire scope of work as stipulated in the document..

Eligibility Criteria

The invitation to bid is open to all Bidders who qualify the Eligibility Criteria as given below:

1. The bidder should be a Company registered under the Companies Act, 1956 since the last three years.
2. The bidder should have minimum annual turnover of Rs.500 crores during the last three financial years (2009-10, 2010-11, 2011-12). If financial accounts for the year 2011-12 are not audited then the bidder should provide balance sheet for the years 2008-09 also, along with unaudited statements for 2011-12.
3. The bidder should be a Telecom Services Provider (TSP) having NLD license and rights to sell MPLS and leased circuit's bandwidth.
4. The Telecom Service Provider (TSP) should have its own built national fiber backbone of minimum STM- 16/64 capacity supporting fast Re Route feature that enables SONET like failover in <50ms
5. NPCI proposes to have bandwidth from two or three service providers for maintaining high availability in the NPCINet. The bidder is expected to coordinate with other service provider. The bidder should provide an undertaking to NPCI ensuring that the bidder coordinates with at least two service providers and equipment OEM for maintenance of NPCI network.
6. Bidder must be providing the support (24*7*365) to 2 customers for maintenance and management of their network operational for at least 6 months as on 31 July 2012. Bidder must have implemented 2 WAN network projects of size 500 different links in a single project across the country. The Bidder should provide 2 reference from clients for whom

similar implementation Projects were carried out successfully by them. (The Bidder should produce documents from the respective institution)

Hardware requirements

Type	Equipment	Qty
Data Center - DR Hyderabad		
1	Core Router	2
2	Perimeter Switch	2
3	Core Firewall	2
4	Core Switch	2
5	Patch panel, Cat 6+, patch cables, Network Rack & accessories	LS
6	Device Licenses for existing NMS (CA – SPIM) (VIRASP99000)	150
7	Device Licenses for existing NMS (CA – VAIM) for(VIRASV99000)	50
8	Asset/ Inventory Management Software (CA- Client Automation) (CCACCA99000)	1500
Banks CTS Location		
1	Bank Router Type A	48
2	Bank Router Type B	74
3	Bank Router Type C	48
4	Bank Router Type D	2
5	Bank Switches	148

Bandwidth Requirements

The list below specifies Two Service Providers.

Sr. No.	Link Source-Destination	No.of Links	BW Requirement (Mbps)
I	MPLS Aggregation link **		
1	DC Mumbai - SP1 & SP2	2	300
2	DR, Hyderabad - SP1 & SP2	2	300
II	Bank Connectivity (MPLS) - CTS		
Type A			
1	Bank Locations - Option-I		2

2	Bank Locations - Option-II		2
Type B			
1	Bank Locations - Option- I		8
2	Bank Locations - Option-II		8
3	Bank Locations - Option-I		16
4	Bank Locations - Option-II		16
Type C			
1	Bank Locations - Option-I		32
2	Bank Locations - Option-II		32
Type D			
1	Bank Locations- Option-I	-	128
2	Bank Locations- Option-II	1	128

**** Note:** New service provider should provide connectivity to Hyderabad DR site and Mumbai DC over MPLS cloud with the capacity of 300 Mbps links. Whereas existing service provider should provide connectivity only provide 300Mbps connectivity to Hyderabad DR site.

Bid Schedule and Address

Sr.No.	Description	Detailed Information
1	Name of Project	RFP for Expansion of NPCINET.
2	Tender Reference Number	NPCI:RFP:2012-13/0011 dated 16.08.2012
3	Date of sale of Bidding Document	17 th August, 2012,
4	Last date and time for issue of Bidding Documents	27 th August, 2012, 6.30PM
5	Last date and time for receiving Bidders Pre-Bid clarifications in writing	30 th August, 2012, 6.30PM
6	Date & Time for submission of Annexure-J in sealed envelopes	4 th Sep, 2012, 3.00PM
7	Date and Time for Pre Bid Meeting	4 th Sep, 2012, 4.00PM
8	Address of Pre Bid meeting location	National Payments Corporation of India 13th Floor, R Tech Park, off western express highway, Nirlon Complex, Near HUB mall , Goregaon-East, Mumbai - 400063
9	Last date and time for Bid Submission	14 th Sep, 2012, 3.00 PM
10	a) Date and Time for Opening of Envelope A i.e. Eligibility criteria b) Date and Time for Opening of Envelope B-Technical Bid c) Date and time for Opening of Envelope C i.e. Commercial Bid	14 th Sep, 2012, 3.30 PM Will inform to the Eligible qualified Bidders Will inform to the Technical qualified Bidders
11	Place for Bid Submission & Eligibility Bid Opening.	National Payments Corporation of India 13th Floor, R Tech Park, off western express highway,

		Nirlon Complex, Near HUB mall , Goregaon-East, Mumbai - 400063
12	Name and Address for Communication	Head - IT Procurement National Payments Corporation of India 13th Floor, R Tech Park, off western express highway, Nirlon Complex, Near HUB mall , Goregaon-East, Mumbai - 400063
13	Bid Related Queries	1. Email: tushar.talegaonkar@npci.org.in 2. Email: rajendra.gour@npci.org.in 3. Email: Prashant.awale@npci.org.in
14	Bid Cost	Rs. 11,236.00 (Rs.10,000.00 plus Service Tax@12.36%))
15	EMD/Bid Security	Rs.5,00,000/-

Note: 1. Bids will be opened in the presence of the Bidders' representatives who choose to attend
2. Date and Time & Address for Technical Bid & Commercial Bid Opening will be intimated later to eligible qualified Bidder.
3. Bid Cost: DD shall be made in favor of "National Payments Corporation of India" of amount Rs.11,236.00 (i.e. Rs.10,000+Service Tax@12.36%) (Non-Refundable) payable at Mumbai.

Note: 1. Bids will be opened in the presence of the Bidders' representative who chooses to attend.
2. *Date and Time of Technical & Commercial Bid Opening will be intimated later.
3. Bid Cost: DD shall be made in favor of "National Payments Corporation of India" of amount Rs. 10,000 (Non-Refundable) payable at Mumbai.

Important Detail about RFP

Note: Bids will be opened in the presence of the Bidders' representatives who choose to attend Bid opening meeting.

NPCI will organize and Bidders shall compulsorily attend a pre-bid meeting at the time and place mentioned in Section 1.

Bidder shall declare the OEM make and model of equipment as per Annexure-J (Refer 12.1) with brief description of technical specification of equipment one hour before the time of pre bid meeting for normalization of Network Equipment.