# भारत प्रतिभूति मुद्रण तथा मुद्रा निर्माण निगम लिमिटेड नई दिल्ली SECURITY PRINTING AND MINTING CORPORATION OF INDIA LTD.

16<sup>TH</sup> FLOOR, JAWAHAR VYAPAR BHAWAN, JANPATH, NEW DELHI-110001 Phone: 011-43582200, 011-23701225 Fax:011-23701223 Email:info@spmcil.com Website: www.spmcil.com

### **Standard Bidding Document (SBD)**

Not Transferable

**Security Classification –Non Security** 

Tender document for Commissioning of Secondary MPLS link between all units of SPMCIL and Corporate office to Data Centre Noida, Disaster Recovery Centre Hyderabad for five years.

Tender No. SPMCIL/IT/71/19/1305

Dated 31/05/2019

This Tender Document Contains 37 Pages.

**Tender Documents is sold to:** 

M/s_	
Address	

**Details of Contact person in SPMCIL regarding this tender:** 

Sh. Ram Sahai Goojar Deputy General Manager (IT)

Security Printing and Minting Corporation of India Limited 16<sup>th</sup> Floor, Jawahar Vyapar Bhawan Janpath, New Delhi – 110001

Phone: 011-43582244, 0120-4758001

Email: <a href="mailto:dgmit@spmcil.com">dgmit@spmcil.com</a>

For and on behalf of Security Printing and Minting Corporation of India Ltd

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# **Section I: Notice Inviting Tender (NIT)**

### SECURITY PRINTING AND MINTING CORPORATION OF INDIA LTD.

16TH FLOOR, JAWAHAR VYAPAR BHAWAN, JANPATH, NEW DELHI-110001 Phone: 011-43582200, 011-23701225 Fax:011-23701223 Email:info@spmcil.com

Website: www.spmcil.com

Tender Sr. No. SPMCIL/IT/71/19/1305

Date 31.05.2019

1. Sealed tenders are invited from eligible and qualified tenderers for Tender document for Commissioning of Secondary MPLS link between all units of SPMCIL and Corporate office to Data Centre Noida, Disaster Recovery Centre

Hyderabad for five(5) years.

Brief Description of Services	Earnest Money (in Rs )	Remarks
Commissioning of Secondary MPLS link between all units of SPMCIL and Corporate office to Data Centre Noida, Disaster Recovery Centre Hyderabad for five(5) years.	Rs 3,84,000/-	To be submitted with Technical bid
Type Of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)	Three Bid System National competing PQB, Techno-Commercial Bid & F	inancial Bid
Dates of sale of tender documents:	From <b>31.05.2019</b> to <b>01.07.2019</b> d	during office hours
Price of the Tender Document	Rs.1198/- Including GST	
Place of sale of tender documents	SECURITY PRINTING AND MINTI OF INDIA LTD.16TH FLOOR, BHAWAN,JANPATH, NEW DELHI-	JAWAHAR VYAPAR
Closing date and time for receipt of tenders	01.07.2019 up to 3.00 PM	
Place of receipt of tenders	SECURITY PRINTING AND MINTI OF INDIA LTD (Tender box kept at 16TH FLOOR, JAWAHAR V BHAWAN,JANPATH, NEW DELHI-	reception). YAPAR
Time and date of opening of tenders	01.07.2019 at 3.30 PM	
Place of opening of tenders	SECURITY PRINTING AND MINTI OF INDIA LTD.16TH FLOOR, BHAWAN, JANPATH, NEW DELHI	JAWAHAR VYAPAR
Pre-bid Meeting	At 11:30 AM on 12.06.2019 at Security Printing and Minting Co. 16th Floor, Jawahar Vyapar Bhavar 110001. All pre-bid queries by biddwritten to dgmit@spmcil.com by (PM. Any verbal queries other than submitted will not be entertained dumeeting.	n, Janpath, New Delhiers may be sent in 08.06.2019 before 3.30 the written ones pre-
Nominated Person/ Designation to Receive Tenders (Clause 21.1 of GIT)	Dy. General Manager(IT) Security Printing and Minting Corpo 16th Floor, Jawahar Vyapar Bhawa 110001	

- 2. Tenderers are requested to visit our website mentioned above for further details.
- 3. Tender are requested to submit Tender Price/Fee of non-refundable fee of Rs.1198/- (Rupees eleven hundred ninety eight only) included GST per set in the form of account payee demand draft, drawn on a scheduled commercial bank in India, in favour of "Security Printing and Minting Corporation of India Ltd." payable at New Delhi.
- 4. Tenderer are requested to download the tender documents from the web site www.spmcil.com and submit its Bids by utilizing the downloaded Tender Document, along with the required non-refundable fee as mentioned in Para 3 above.
- 5. Tenderers shall ensure that their tenders/Bids, duly sealed, Page numbered and signed, complete in all respects as per instructions contained in the Tender Documents, are to be dropped in the tender box located at the address mentioned on or before the closing date and time indicated in the Para 1 above, failing which the tenders will be treated as late and rejected.
- 6. In the event of any of the above mentioned dates being declared as a holiday/ closed day for the purchase organization, the tenders will be sold/ received/ opened on the next working day at the appointed time.

7.	The tender documents are not transferable.
• • • • • • •	

Sh. Ram Sahai Goojar Deputy General Manager (IT)

Security Printing and Minting Corporation of India Limited 16th Floor, Jawahar Vyapar Bhawan Janpath, New Delhi – 110001 Phone: 011-43582244, 0120-4758001

Pnone: 011-43582244, 0120-475800

Email: dgmit@spmcil.com

For and on behalf of Security Printing and Minting Corporation of India Ltd

# **Section II: General Instructions to Tenderer (GIT)**

Please refer to <u>"http://www.spmcil.com/spmcil/uploaddocument/git.pdf"</u> for further details (GIT contains 32 pages and will form part of this tender document.)

### **Section III: Special Instructions to Tenderers (SIT)**

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the

provision contained in the SIT shall prevail:

S.	GIT	Topic	SIT Provision	
	Clause		OIT I TOVISION	
NO.	No.			
1		Dro bid	At 44-20 AM on 42 00 2040 at Coought, Drinting and Minting Corporation	
1	8 &9	Pre-bid Conference	At 11:30 AM on 12.06.2019 at Security Printing and Minting Corporation of India Ltd, 16th Floor, Jawahar Vyapar Bhavan, Janpath, New Delhi-110001 Pre-bid Conference & Clarifications:  a) SPMCIL shall hold a pre-bid meeting with prospective bidders on the date, time & venue as mentioned in NIT. b) The Bidders will have to ensure that their queries for Pre-Bid meeting should reach to Nodal Officer at email id: dgmit@spmcil.com on date and time as per "NIT" c) The queries should necessarily be submitted in the following format:  S. RFP Document Content of RFP Points of clarification No. Reference & Page Number Clarification(S)	
			d) SPMCIL shall not be responsible for ensuring that the bidders' queries have been received by them. Any requests for clarifications post the indicated date and time may not be entertained by SPMCIL.	
2	11.2	Tender Currency	Tenderer is requested to quote price in INR only and within 2 Decimal places. Quotation with price quote beyond 2 decimal places will be ignored.	
3	18	Earnest Money Deposit (EMD)	Tender should be accompanied with Earnest Money Deposit of Rs 3,84,000/- (Non-interest bearing) in one of the following forms as given below. (a) Account Payee Demand Draft or (b) Fixed Deposit Receipt of any Scheduled commercial bank in India or (c) Banker's cheque. The earnest money shall be valid for a period of forty five days beyond the validity period of the tender.	
4	19	Tender Validity	Tenders shall remain valid for acceptance for a period of 180 days from the date of opening of Tender.	
5	20.4	Number of Copies of Tenders to be submitted	Original one.	

			Tender will consist of Three Bid system i.e. Pre-Qualification Bid (PQB), Techno commercial bid and Price Schedule/Financial Bid
6	20.8	Signing and Sealing of tender	(I) PQB (II) Techno Commercial Bid and (III) Financial/Price Bid are to be submitted in three separate doubled sealed envelopes on or before the due date of submission of tenders. It may be noted that the price is not to be quoted in the PQB and Techno Commercial Bid. It shall only be quoted in price bid. Non-adherence to this shall be making tender liable for rejection. The envelopes containing bids shall be super-scribed Pre-Qualification Bid, Technical Commercial Bid and Financial/Price bid.
			The sealed envelopes shall again be put in another sealed cover and should be super-scribed in Bold words "Commissioning of Secondary MPLS link between all units of SPMCIL and Corporate office to Data Centre Noida, Disaster Recovery Centre Hyderabad for five years" mentioning on the Envelop that it contains PQB,Technical Bid and Finance Price/ Bid respectively indicating NIT Date & Due date and be addressed to DGM (IT), SPMCIL 16th Floor, Jawahar Vyapar Bhawan, Janpath, New Delhi 110 001 and be dropped in the Tender Box kept at Reception of 16th Floor, SPMCIL, Jawahar Vyapar Bhawan, Janpath, New Delhi 110 001.
			Tender shall be submitted in three bids in Part I, II & III along with documents as detailed below in sealed separate cover:-
			PART I: PRE-QUALIFICATION BID (PQB) -
			i. The bidder firm should hold a valid PAN and GST Number. ii. The bidder should submit the documents as per Section IX – qualification / eligibility criteria of this tender. iii. Also attach Earnest Money Deposit (EMD) and Tender Price /Fee. iv. Mandatory checklist –Annexure A.
			PART II: TECHNO COMMERCIAL BID:  i) The bidder shall submit Power of Attorney/ Authorization with the seal of the company of person signing the tender documents.  ii) The bidder Firm shall submit duly filled, sealed and signed all the Tender documents to confirm the acceptance of all terms and condition without any deviation.  iii) The bidder Firm shall also submit duly filled and signed Section X and Section XII of this tender document.  iv) The tenderer has to submit acceptance of all sections of this tender document (GIT, SIT, SCC, Quality Control requirements, Questionnaire, etc.)  v) The bidders shall submit Blank Price Schedule duly signed as per the format given in Section XI (Price Schedule) of this tender document.  No price to be mentioned in this format.  PART- III: PRICE SCHEDULE/FINANCIAL BID –
			The bidders shall quote the price as per the format given in Section XI
			(Price Schedule) of this tender document.(Only in the given format)

			Note:  (i) The bidder must submit the self-attested valid documents in support of its claim for PRE-QUALIFICATION BID and TECHNICAL BID criteria as mentioned above.  (ii) Bidders are required not to quote the prices in Pre-Qualification bid as well as Techno Commercial Bid. Price shall only be quoted in Price Schedule/Financial bid. Non-adherence to this shall be making tender liable for rejection.  (iii) Tender received without EMD, tender Fee and not as per the Tender Terms shall not be evaluated and will be rejected. All MSEs are exempted
7	33	Evaluation	from payment of EMD and tender cost.  Evaluation shall be done on the basis of all-inclusive cost as per Section XI.
8	51.2	Pre- Qualification Bidding	This is a three bid tender. Initially the first packet containing PQB would be opened and evaluation would be done as per Qualification Criteria followed by the evaluation of Technical Bid and Financial Bid subsequently.
9	43	Parallel Contract	Not Applicable
10	52.3	Pre- Production Sample	Not Applicable

### **Section IV: General Conditions of Contract (GCC)**

Please refer to "<a href="http://www.spmcil.com/spmcil/uploaddocument/gcc.pdf">http://www.spmcil.com/spmcil/uploaddocument/gcc.pdf</a>" for further details (GCC contains 28 pages and will form part of this tender document)

# **Section V: Special Conditions of Contract (SCC)**

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special conditions will modify/ substitute/ supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit.)

	000		
S. No.	GCC Clause No.	Topic	SCC Provision
1	6	Performance Bond/ Security	The Bidder shall furnish the performance security amount/ Security Deposit (S.D) in the form of Bank Guarantee(10% of the ordered value) valid up to sixty days after the date of completion of all contractual obligations by the supplier including warranty obligations, before executing the contract after issue of LOI/Work order by SPMCIL. BG is to be submitted in favour of Security Printing & Minting Corporation of India Ltd payable at New Delhi. The performance BG will be returned without any interest to successful Bidder after the completion of all contractual obligations.  In case the options clause is operated the bidder shall deposit additional security deposit @ 10 % for the increase in the value of contract.  EMD shall be refunded/ returned immediately after receipt of SD/Performance Security.
2	10.1	Terms of Delivery	The work to be done as per section VI:List of Requirement immediately after agreement/contract and valid for five(5) years.
3	19.3	Option Clause	The purchaser reserves the right to increase the period of services by 25% at any time, till final date of completion of the contract.
4	21.2	Taxes and Duties	If the tenderer fails to include taxes & duties in the tender, no claim thereof will be considered by the purchaser afterwards.
5	22, 22.1, 22.2, 22.3, 22.4, 22.6	Mode of	<ul> <li>a) The payment shall be on quarterly basis after the quarter the contractor shall submit his bill in triplicate duly pre-receipted to the concerned officer of SPMCIL</li> <li>b) No extra pay,allowance and other facilities etc. will be provided by SPMCIL to the contractor/manpower of the sucssesfull firm in any circumstances</li> </ul>

6	24.1	Quantum of LD	If the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame incorporated in the contract and under Service Label Agreement (SLA) in List of Requirements- Section-VI, SPMCIL shall, without prejudice to other rights and remedies available to SPMCIL under the contract, deduct from contract price, as liquidated damages, as sum equivalent to the 0.5% of the delivered price of the delayed goods and/or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of 10% of the delayed goods or services contract price(s). During the above mentioned delayed period of supply and/or performance, the conditions incorporated under GCC sub-clause 23.4 shall also apply.
7	33.1	Resolution of Disputes	If dispute or difference of any kind shall arise between SPMCIL and the bidder in connection with or relating the contract, the parties shall make every effort to resolve the same amicably by mutual consultations. If the parties fail to resolve their dispute or difference by such mutual consultation within 21 days of its occurrence, then, unless otherwise provided in the SCC, either SPMCIL or the supplier may seek recourse to settlement of disputes through arbitration Act as per Clause 33.2. (GCC) of the SPMCIL Procurement Manual

# **Section VI: List of Requirements**

### 1. ACRONYMS

AMC	Annual Maintenance Contract		
BMS			
ВОМ	Bill of Material		
DAS	Direct Attached Storage		
DC	Data Center		
DIT	Department of Information Technology		
DMS	Document Management System		
DRC	Disaster Recovery Centre		
EPABX	Electronic Private Automated Branch Exchange		
ISDN	Integrated Services Digital Network		
IPS	Intrusion Prevention Systems		
LAN	Local Area Network		
MISTP	Multi-Instance Spanning Tree Protocol		
MPLS	Multi-Protocol Label Switching		
NLD	National Long Distance		
NMS	Network Management System		
PAC	Precision Air Conditioner		
RAID	Redundant Array of Independent Disks		
RFID	Radio Frequency Identification		
RPO	Recovery Point Objective		
RSTP	Rapid Spanning Tree Protocol		
RTO	Recovery Time Objective		
RPS	Redundant Power Supply		
SATA	Serial Advance Technology Attachment		
SLA	Service Level Agreement		
SNMP	Simple Network Management Protocol		
SPMCIL	Security Printing and Minting Corporation of India Limited		
STP	Spanning Tree Protocol		
VLAN	Virtual Local Area Network		

### 1. Requirement Description

SPMCIL has implemented a corporate wide SAP ERP system in order to integrate all its business processes and sub-processes into a single unified system to efficiently achieve the business goals. The implemented SAP ERP system manages the business plans and policies of SPMCIL in an efficient manner under strict deadlines. The system is designed for high performance and reliability in order to negate any production loss due to inefficiency of the system. SPMCIL has state of the art IT infrastructure in place with Tire-III Data Center (DC) & Disaster Recovery Center (DRC). The implemented IT infrastructure performs high on reliability, availability, resilience, flexibility and scalability.

SPMCIL, through this tender document, aims to get secondary MPLS link connectivity between its 9 Units, Corporate Office and connection to its Data Center at IGM Noida and Disaster Recovery Center at IGM, Hyderabad that would enable SPMCIL to completely realize the benefits of implemented SAP ERP system.

### 2. SPMCIL Business Locations

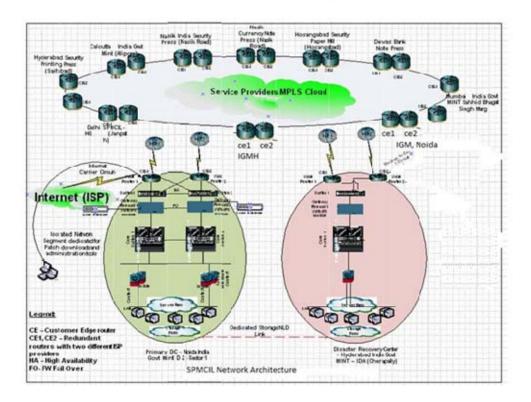
The SPMCIL's production units have been classified in to various broad areas like Coin Minting, Currency Note Printing, Security Printing Presses and Security Paper Mill. The location of units is given in below table:

S. No.	Units	Location
1	India Govt. Mint	Mumbai, Maharashtra
2	India Govt. Mint	Hyderabad (Cheralapally), Telangana
3	India Govt. Mint	Kolkata, West Bengal
4	India Govt. Mint	NOIDA, Uttar Pradesh
5	Currency Note Press	Nasik, Maharashtra
6	Bank Note press	Dewas, Madhya Pradesh
7	India Security press	Nasik Road, Maharashtra
8	Security printing press	Hyderabad (Saifabad), Telangana
9	Security Paper Mill	Hoshangabad, Madhya Pradesh
10	SPMCIL Corporate Office	New Delhi

### 3. Network architecture & its support

SPMCIL has a centralized best-in-class network architecture based out of its Data Center (at IGM, Noida) and Disaster Recovery Center (at IGM, Hyderabad). The units of SPMCIL across the locations are connected to the centralized network through WAN connectivity, so that the users from various units of SPMCIL can access the SAP ERP systems without any performance degradation issues. The WAN connectivity is enabled with MPLS (wired) links.

The Data Center is connected to the MPLS WAN with the provision of Customer Edge and Provider Edge Routers.



The above Network design should be considered by the bidder to maintain the existing Network Architecture.

 The Network Architecture is utilizing the MPLS core network for carrying the data traffic across the SPMCIL units. The bidder should ensure that the MPLS service must be provided, from distinct service

**providers wired/RF(radio frequency)** (Media used for providing secondary link both backbone and last mile connectivity by the existing service provider can't be used for secondary links,)\*

- A key requirement of the network is having sufficient redundancy in the network to eliminate any single point of failure. The network is so designed, to ensure that failure of any single switch, router or WAN link does not affect the ERP Services. The network is run on dynamic routing protocols to ensure that alternate paths are available during such failure. There is no requirement for any manual intervention for re-routing of traffic and there is no disruption in service. Bidder has to ensure to provide the same.
- All the Routers collect the traffic in TCP/IP format and transport them to Data Center.
- The Data center is at the top of the network hierarchy and is the node where the entire traffic from all the units/routers after being transported through the MPLS network, finally terminates. The feature of existing network architecture for DC and DR as follows:
- The data center contains all the ERP servers and workstations related to Authentication, Application, Database and Network management. The network components include Customer Edge (CE) Routers, Ethernet LAN switches, Load Balancing layers, Firewall appliance & Antivirus server, DNS Appliances inside & outside the DMZ and Network Management System (NMS), etc.

- The Data Center has two CE Routers for redundancy, which enable the connectivity from the MPLS network to the Data center.
- The Data Center is also connected via the dual Service Provider based NLD (National Long Distance) connectivity to the Disaster Recovery. This is to ensure the business continuity in the event of WAN link and/or node failure at Data Center.
- The Data Center has redundant FC-IP Routers connected with SAN Switches for SAN based replication.
  - \*Primary link media is provided by M/s PGCIL, and for some units i.e IGM, Mumbai, ISP & CNP nashik, BNP Dewas and SPM Hoshangabad last mile used of M/s Railtel by PGCIL.

#### 4. MPLS:

Multi-Protocol Label Switching (MPLS) has been implemented in SPMCIL environment for directing and transferring the data between Wide Area Network nodes without compromising on the performance irrespective of the content of the data. As the SPMCIL business relies on the critical sensitive data manipulation, the highly scalable data carrying mechanism and the ease of creating virtual connectivity links between the nodes shall become inevitable for the operational enhancements.

### 4.1 MPLS Bandwidth Requirement:

The bidder should provide the link connectivity of 2 mbps wired/RF(Radio frequency) bandwidth at each of the units. Bidder should supply & maintain 20 Mbps (wired) bandwidth as DC link and 15 Mbps (wired) as DR link. Media used for providing backbone and last mile connectivity by the existing service provider can't be used for secondary links\*( Primary link media is provided by M/s PGCIL ,and for some of units i.e IGM Mumbai, ISP & CNP Nashik, BNP Dewas and SPM, Hosangabad last mile of M/s Railtel by PGCIL)

SPMCIL will provide sufficient space and power for the installation of requisite devices at DC, DR and units of SPMCIL.

\*In This regard undertaking by existing service provider is required that they are not using existing Media for the same if they bid.

### 4.2 National Long Distance (NLD)

For the SAN based asynchronous data replication 2(wired) Mbps from service provider between the DC and DR, the redundant NLD service methodology is applicable in the SPMCIL landscape. The bidder should ensure the attainment of the RTO & RPO requirements while deploying the dedicated NLD without having an overlap on the MPLS.

### 4.3 Service Level Agreement (SLA)

#### 4.3.1 Conditions

The Bidder must adhere to the following parameters to sign service level agreement:

- a) Operation of Network -
- b) Link Uptime % on Monthly basis
- c) Latency (max.) -
- d) Average Time to Repair Link Failures:-

24x7x365 basis

99%

Latency of less than 50 msec from the CPE router

If the repair is of service nature then < 4 Hours. If the Repair/Replacement of CPE/MUX is required (as per SPMCIL observation) then <12 hours. (MTTR from each link until CPE)

e) Packet loss on each link - < 1 %

f) Average Maintenance Outage per month - Two hour (with prior notice and confirmation

from SPMCIL)

g) Link Fail over/redundancy occurs : - Within 120 ms

h) Fault reporting Help Desk (Toll Free) - 24x7x365

### **4.4 Calculation of Service Level Agreement**

Payment will be made on a quarterly basis & Non-performance charges for downtime will be calculated on a monthly basis. Quarterly payment will be made after the deduction of the penalties. Penalties will be calculated on site uptime basis, which is based on below defined penalty clause. Link uptime: the guarantee Uptime of 99% of site will be calculated on monthly basis.

4.4.1 Uptime Penalty in % of total Monthly and quarterly payment. Penalty will be calculated on the link basis

	Penalty (%,
Uptime	Percentage)
>=99	0
> 98 to < 99	10
> 97 to < 98	20
> 95 to < 97	30
> 90 to < 95	70
< 90 %	100

4.4.2 Down time due to the following situations will not be considered for the purpose of penalty calculation for downtime:

a)Link down due to power failure and CPE (Customer Premises Equipment's) switch off at the respective locations.

b)Scheduled maintenance by the vendor, with prior intimation(two hour monthly and no carry forward of hours).

#### 4.5 Monitoring and reporting:

- 4.5.1. The Service provider should submit Monthly and Quarterly Reports indicating the % of uptime during that Month and Quarter for each link.
- 4.5.2. Service provider should provide tool to customer for on-line monitoring of performance of link(s).

### 4.6 **Delayed commissioning of links**

Penalty shall be levied @ 0.5% per week for late link commissioning subject to maximum of 10%, if the link is not commissioned within the stipulated time.

The penalty for link commissioning shall be applied for the delayed period, on the cost of that respective link for the annual rent for that location/site. (Delay in service after commissioning of link may also be considered.)

### 5. Completion period

- 5.1 Bidder has to complete installation and commissioning of circuit links at DC, DR and all units (including Corporate Office, at Janpath New Delhi) sites within 10 weeks from the date of award of contract/LOI including corporate office.
- 5.2 It is the responsibility of bidder to carry out all required internal cabling till the point of termination i.e. SPMCIL end point location where router is placed.

- 5.3 Cabling should be neat and clean with proper tagging and duct by the bidder without any additional cost to the SPMCIL.
- 5.4 Bidder has to coordinate SPMCIL integrator and SPMCIL IT Team for successful link delivery with tested load. Delay in commissioning of links will attract applicable Liquidated Damage / Penalty as per the terms of this Tender document.

### 6. Maintenance Support.

SPMCIL is procuring secondary MPLS network to connect all 9 units and corporate office to its data center and DRC, and also have redundancy in their WAN network for connected units of SPMCIL, including corporate office, DC and DR site.

Bidder has to provide Proactive maintenance support for all links provided by them. All links has to be monitored on Real time basis through bidder's NMS (Network Monitoring System) tool which should be accessible from the SPMCIL WAN(office) at DC/DR location by SPMCIL team at any point of time.

Bidder has to advise the portal to SPMCIL for reviewing the all connected links for bandwidth utilization, down call, and incidence reported, fault ticket status, fault ticket logging etc.

Bidder should ensure all links should be monitored proactively i.e. as and when link went down a fault ticket has to be created by the bidder NMS automatically and alert should be given to SPMCIL team or designated SPMCIL officials by email and SMS.

The bidder shall provide service support at all locations and ensure uptime

Bidder has to provide all kind of reports which are going to be used for SLA calculation in a mutually agreed format Bidder to ensure to take all preventive measures to protect MPLS Network deployed for SPMCIL against any kind of vulnerabilities, which are released from time to time basis globally. SPMCIL has full rights to ask the confirmation from the successful bidder in writing for prevention from such vulnerabilities.

Bidders monitoring tool must have Real time dash board showing summary of the network like number of up and down units, and links in form of pie chart, bar graph and percentage etc. or as advised by SPMCIL.

Bidder must provide the services on monitoring tool to extract information unit wise/entire location ,Bidder monitoring tool must have customization facility as per SPMCIL requirement

### 7. DURATION OF CONTRACT

The initial contract period for the services shall be **5 (Five)** years from the date of installation, commissioning and acceptance of link unless terminated by the SPMCIL before due date.

#### 8 Condition for bidder

- a) The bidder should not have been black listed by any of Government Authority or Public Sector Undertaking (PSUs). The bidder shall give an undertaking (on their letter head) that they have not been black listed by any of the Govt. Authority or PSUs. In case, in the past, the name of their Company was black listed by any of the Govt. Authority or PSUs, the name of the company or organization must have been removed from the black list as on date of submission of the tender, otherwise the bid will not be considered.
- b) The Bidder should have valid certifications (ISO 9001:2008 or ISO 27001 or BS7799 / TL 9000) for the MPLS VPN Network infrastructure.

# **Section VII: Technical Specifications**

(Refer section VI List of Requirement)

### **Section VIII: Quality Control Requirements**

Service Delivered not in conformity with tender specification will be treated as service not delivered at all. Service shall be delivered by the service provider in accordance with the terms and conditions specified in the contract failing which expenses may be levied on supplier.

# Section IX: Qualification/ Eligibility Criteria

### Eligible Criteria for Bidders

The bidders should meet the following minimum qualification criteria to submit their offer towards this tender notice. The bidders need to submit supporting documents to substantiate their eligibility.

SI No	Topic	Requirement of PQB	Document to be submitted.
1	Experience and past performance	i)The bidder should be a company incorporated in India as a Telecom Service provider for the last 5 years having MPLS VPN license .  and  ii)The Bidder should have executed minimum one order of 4(four) network installations (links) in PSU /Govt.Organization/other organization etc from 01.04.2013 in anywhere in India.	Self-certified copy of originals should be furnished in support of experience and past performance.
2	Capability	i) The bidder should have own access network license for providing the last mile from the competent regulatory authority for providing terrestrial links in India.  ii) The Bidder should either be a layer 3 MPLS VPN Service Provider under the License of Government of India or a National Long Distance (NLD) / Basic Service Operator having own MPLS VPN network.  iii) The Bidder should have their own Network Operation Centre (NOC) in India for monitoring / maintenance of MPLS network at its own premises or they should have leased signed for the period of next 5 years. The bidder's NOC should be in existence for last 3 years.	Self-certified copy of originals should be furnished in support of experience and past performance
3	Financial standing	i) Average Annual turnover of the bidder firm during last three financial years ending 31.03.2018 should be more than Rs.11.51 lacs. ii) Bidder Firm should not have suffered any financial loss for more than one year during the last Three financial years ending 31.03.2018 iii) The net worth of the firm should not have eroded by more than 30% in the last three financial year ending 31.03.2018	Relevant Copies of audited Balance sheet, Profit & Loss and certificate in this respect issued by C.A. to be submitted with self-certification.

- i. All experience, past performance and capacity/capability related/ data should be certified by the authorized signatory of the bidder firm. The credentials regarding experience and past performance to the extent required as per eligibility criteria submitted by bidder should be verified from the parties for whom work has been done.
- ii. All financial standing data should be certified by certified accountant's e.g. Chartered Accounts (CA) in India and Certified Public Accountant/Chartered Accountants of other countries. Bidder to furnish stipulated documents in support of fulfillment of qualifying criteria. Non-submission or incomplete submission of documents may lead to rejection of offer.

# **Section X: Tender Form**

T-	Date
To DGM (IT) Security Printing and Minting Corporation of India Ltd. 16 <sup>th</sup> Floor, Jawahar Vyapar Bhawan, Janpath, New Delhi-110001	
Ref: Your Tender document Nodated	
We, the undersigned have examined the above mentioned tendocument, including amendment No, dated (if any), the receipt of which is hereby confirm offer to supply and deliver (description of goods and conformity with your above referred document for the sum as show schedule(s), attached herewith and made part of this tender. If our tender is accepted, we undertake to supply the goods and services as mentioned above, in accordance with the delivery schedin the List of Requirements.	ned. We now services) in in the price
We further confirm that, if our tender is accepted, we shall provid performance security of required amount in an acceptable form in to clause 6, read with modification, if any, in Section V – "Special Contract", for due performance of the contract.	erms of GCC
We agree to keep our tender valid for acceptance for a period up required in the GIT clause 19, read with modification, if any in Section Instructions to Tenderers" or for subsequently extended period, if ar by us. We also accordingly confirm to abide by this tender upto the period and this tender may be accepted any time before the eaforesaid period. We further confirm that, until a formal contract is extender read with your written acceptance thereof within the aforesaid constitute a binding contract between us.	-III – "Special ny, agreed to the aforesaid expiry of the executed, this
We further understand that you are not bound to accept the lowest of you may receive against your above-referred tender enquiry.	or any tender
Dated thisday ofFor an	d on behalf of
(Signate	ure with seal)
(Name and	designation)
Duly authorized to	o sign the bid

# **Section XI: Price Schedule**

Date:

(TO BE FURNISHED IN A SEPARATE SEALED ENVELOPE)

DGM (IT), Security Printing & Minting Corporation of India Ltd 16th Floor, Jawahar Vyapar Bhawan Janpath, New Delhi – 110 001 INDIA
Dear Sir,
Sub: Price Bid in Response to Tender Document.
(Tender Document Number; dated)
For Commissioning of Secondary MPLS link between all units of SPMCIL and Corporate office to Data Centre Noida, Disaster Recovery Centre Hyderabad for five years as mentioned in the above tender document, the following is the total lump sum price covering all taxes, duties and statutory levies as on the date of submission of the bid (Total Bid Price).
1. TOTAL QUOTED PRICE (In figures):
2. TOTAL QUOTED PRICE (In words) Rupees:
Thanking you,
Yours faithfully,
Seal and Signature of Authorized Signatory>
<name authorized="" of="" signatory=""></name>
<pre>&lt;</pre>

# **Total Price for 5 years**

SI No	Location	Price in Rs (A)	Tax/GST(%) (B)	Taxes in Rs (C)	Total(Rs) D= A+C
1	20 Mbps DC tunnel ,Noida				
2	15 Mbps DRC tunnel ,Hyderabad				
3	2 Mbps Corporate office New Delhi				
4	2 Mbps (MPLS Link) India Govt Mint ,Noida				
5	2 Mbps (MPLS Link) India Govt Mint ,Kolkata				
6	2 Mbps (MPLS Link) India Govt Mint ,Hyderabad				
7	2 Mbps (MPLS Link) India Govt Mint ,Mumbai				
8	2 Mbps (MPLS Link) Currency note press ,Nashik Road				
9	2 Mbps (MPLS Link) Bank Note Press, Dewas				
10	2 Mbps (MPLS Link) India Security Press,nashik road				
11	2 Mbps (MPLS Link) Security Printing press, Hyderabad(Saifabad)				
12	2 Mbps (MPLS Link) Security Paper Mill Hosangabad				
13	2 Mbps DC DRC replication link(NLD) (DC Noida and DR IGM Hyderabad)				
	Grand Total*				

<sup>\*</sup>Grand total to be quoted in Section XI: Price Schedule as above.

# Break up price including taxes for five years

### 1) Price bid format for MPLS at DC Noida:

Bandwidth at DC, IGM- Noida			Charges for 5years	% tax	Total Tax (in Rs)	Total Price
	a	b	c=axbx5	d	e=cxd	c+e
20 MBPS Bandwidth at DC	1					

### 2) Price Bid format for MPLS link DRC Hyderabad

Bandwidth at DRC, IGM- Hyderabad	No. of connection	Annual charges	Charges for 5years	% tax /GST	Total Tax	Total
	а	b	c=axbx5	D	e=cxd	c+e
15 MBPS Bandwidth at DRC	1					

3) Price Bid format for MPLS link corporate office, New Delhi

Bandwidth at Corporate Office, New Delhi		Annual charges	Charges for 5years	% tax/ GST	Total Tax	Total
		b	c=axbx5	D	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

### 4. Price bid format for Bank Note press, Dewas (MP)

Bandwidth at BNP, Dewas	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	а	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

5. Price bid format for Security Paper Mill, Hosangabad

Bandwidth at SPM, Hosganbad	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	а	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

6. Price bid format for India government Mint, Mumbai

Bandwidth at IGM, Mumbai	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	а	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

### 7. Price Bid format for IGM, Noida

Bandwidth at IGM, Noida	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	а	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

### 8. Price Bid format for Replication link DC

to DR (NLD)

Bandwidth for DC to DR link	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	а	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth	1					

### 9. Price bid format for Currency note Press Nasik

	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	а	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

### 10. Price bid format for ISP, Nasik

Bandwidth at ISP, Nashik	No. of	Annual	Charges for	%	Total	
	connection	charges	5years	tax/GST	Tax	Total
	а	b	c=axbx5	d	e=cxd	с+е
2 MBPS Bandwidth at DC	1					

### 11. Price bid format for SPP, Hyderabad

Bandwidth at SPP, Hyderabad	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	а	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

### 12. Price bid format for IGM, Hyderabad

Bandwidth at ICM Hyderahad	No. of	Annual	Charges for	%	Total	
Bandwidth at IGM, Hyderabad.	connection	charges	5years	tax/GST	Tax	Total
	а	b	c=axbx5	d	e=cxd	с+е
2 MBPS Bandwidth at DC	1					

### 13. Price Bid format for IGM, Kolkata

Bandwidth at IGM, Kolkata	No. of connection	Annual charges	Charges for 5years	% tax/GST	Total Tax	Total
	a	b	c=axbx5	d	e=cxd	c+e
2 MBPS Bandwidth at DC	1					

### Section XII: Questionnaire

The tenderer should furnish specific answers to all the questions/ issues mentioned below. In case a question/ issue does not apply to a tenderer, the same should be answered with the remark "not applicable".

Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement. In case a tenderer furnishes a wrong or evasive answer against any of the under mentioned question/ issues, its tender will be liable to be ignored.

- 1. Brief description of services offered:
- 2. Offer is valid for acceptance upto ......
- 3. Your permanent Income Tax A/C No. as allotted by the Income Tax Authority of Government of India.
- 4. Status:
- Are you currently registered with the Directorate General of Supplies & Disposals (DGS&D), New Delhi, and/ or the National Small Industries Corporation (NSIC), New Delhi, and/ or the present SPMCIL and/ or the Directorate of Industries of the concerned State Government for the goods quoted? If so, indicate the date up to which you are registered and whether there is any monetary limit imposed on your registration.
- Are you currently registered under the Indian Companies Act, 1956 or any other similar Act?
   Please attach certified copy(s) of your registration status etc. in case your answer(s) to above queries is in affirmative.
- 5. Please indicate name & full address of your Banker(s):
- 6. Please state whether business dealings with you currently stand suspended/banned by any Ministry/ Deptt. of Government of India or by any State Govt.

(Signature with date)
(Full name, designation & address of the Person duly authorized to sign on behalf of the tenderer)
For and on behalf of
(Name, address and stamp of the tendering firm)

# **Section XIII: Bank Guarantee Form for EMD**

Not applicable

# **Section XIV: Manufacturer's Authorization Form**

Not applicable

# Section XV: Bank Guarantee Form for Performance Security

[insert: Bank's Name, and Address of Issuing Branch or Office]  Beneficiary:[insert: Name and Address of SPMCIL]  Date:
PERFORMANCE GUARANTEE No.:
WHEREAS
AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;
AND WHEREAS we have agreed to give the supplier such a bank guarantee;
NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of
We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand. We further agree that no change or addition to or other modification of the terms of the contract to be performed thereunder or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.
We undertake to pay SPMCIL up to the above amount upon receipt of its first written demand, without SPMCIL having to substantiate its demand.
This guarantee will remain in force for a period of sixty days after the currency of this contract and any demand in respect thereof should reach the Bank not later than the above date.
(Signature of the authorized officer of the Bank)
Name and designation of the officer
Seal, name & address of the Bank and address of the Branch
Name and designation of the officer
Seal_name & address of the Bank and address of the Branch

# **Section XVI: Contract Form**

Conf	Iress of SPMCIL's office	Dated							
This	is in continuation to this	office Notific	cation of Awa	rd No		Dated			
	••••								
1.	Name & address of the								
<ol> <li>3.</li> </ol>	Amendment No	SPMCIL's Tender document No							
	dated (If an	y), exchange	ed between th	ne supplier ar	nd SPMCIL ir	connection			
4.	with this tender.  In addition to this Contract Form, the following documents etc., which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as part of this contract:  (i) General Conditions of Contract;  (ii) Special Conditions of Contract;  (iii) List of Requirements;  (iv) Technical Specifications;  (v) Quality Control Requirements;  (vi) Tender Form furnished by the supplier;  (vii) Price Schedule(s) furnished by the supplier in its tender;  (viii) Manufacturers" Authorisation Form (if applicable for this tender);  (ix) SPMCIL's Notification of Award								
the c	respectively assigned to definitions and abbreviat tract" of SPMCIL"s Tend	ions incorpo	rated under S	Section –V - "G	General Con				
5.	<ul><li>5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:</li><li>(i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:</li></ul>								
	Brief description of Accounting Quantity to Unit Price Total price goods/ services unit be supplied (in Rs.) (in Rs.)								
Any	ny other additional services (if applicable) and cost thereof:								
	I value (in figure) Rs I value (In words) Rupe								

Delivery schedule. (ii) Details of Performance Security. (iii) **Quality Control** (iv) (a) Mode(s), stage(s) and place(s) of conducting inspections and tests. (b) Designation and address of SPMCIL's inspecting officer Destination and dispatch instructions (v) (vi) Consignee, including port consignee, if any Warranty clause (vii) (viii) Payment terms Paying authority (ix) (Signature, name and address of SPMCIL's authorized official) For and on behalf of..... Received and accepted this contract ..... (Signature, name and address of the supplier's executive duly authorized to sign on behalf of the supplier) For and on behalf of ...... (Name and address of the supplier) ..... (Seal of the supplier) Date:

Place:

# Section XVII: Letter of Authority for attending a Bid Opening (Refer to clause 24.2 of GIT)

16 <sup>th</sup> Floor, c	T, inting and Minting Co Jawahar Vyapar Bha ew Delhi – 110 001.		n of India Ltd	d.		
	authorization for atte			on	(date) ·	in the
mentioned	persons are hereby a above on behalf of_ given below.			the bid oper (Bidder)		ne tender der o
Order of I	Preference		Name	Specime	n Signatu	ires
I.						
II.						
Alternate	Representative					
authorize	s of bidder or Office d to sign the bid ts on behalf of the					
Note:						
1. Maxir cases	mum of two represers where it is restricted sentative will be perend.	d to one,	first prefer	ence will be	allowed.	Alternate
	ission for entry to the ission for entry to the issued in			•	may be re	efused ir
		(Signat	ure with da	te)		
(Full name, of the tende	designation & addre	 ess of the	e Person du	ıly authorize	d to sign o	n behalf
For and on	behalf of					
(Name, add	dress and stamp of t	he tende	 ring firm)			

## Section XVIII: SHIPPING ARRANGEMENTS FOR LINER CARGOES

### Section XIX: PROFORMA OF BILLS FOR PAYMENTS

(Refer Clause 22.6 of GCC)

Name	and Addre	ss of the Fir	m				
Bill No.							
Purcha	se order No	)		Dated	l		
Name a	and address	s of the Purch	aser				
S.No.	No. Authority Description of Stores Purchase Number or quantity Rate Price Amour						
Total							
(encl	<ol> <li>(-) deduction/Discount</li> <li>G.S.T.</li> </ol>						
Place Date	_						
Rece	eived Rs		(Rupees)				
and	all the oblig	gations on the	nent being claim e part of the su er the contract.				
Reve	enue stamp			Signatu	re and o	of Stamp	Supplier

### **ANNEXURE - A**

### **MANDATORY CHECKLIST**

### (To be submitted along with PQB)

S.No.	Description	Yes/No
1	Tender submitted in Three Bid.	
2	Tender Fee & EMD to be submitted in Pre-Qualification Bid (PQB).	
3	Submit Documents as per Section IX in PQB.	
4	Provided the Names of Organization(s) / Firm(s) with Address & Telephone Numbers, Fax numbers, E-mail address to which they have supplied similar type of services, during last five years. To be enclosed in PQB.	
5	The bidder shall submit Power of Attorney/ Authorization with the seal of the company of person signing the tender documents.	
6	In Technical bid:- The bidder Firm shall submit duly filled, sealed and signed all the Tender documents to confirm the acceptance of all terms and condition	
7	In Technical Bid :- The bidders shall submit Blank Price Schedule duly signed as per the format given in Section XI (Price Schedule) of this tender document. No price to be mentioned in this format.Pl enclose in the Techo Commercial Bid.	
8	In Technical Bid do submit document as per point 8 of section VI:- list of requirement.	
9	Copy of PAN/GST To be enclosed in PQB.	
10	Tender validity 180 days given.	
11	Delivery Period accepted as per tender.	
	Signature and Seal of bidder	