



**The State Trading Corporation of India Ltd.**  
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**RFP No.: STC/MSD/IT/RFP/2015/2 dated 02.12.2015**

December 18, 2015

**CORRIGENDUM-2**

The amendments as contained in ANNEXURE-1 to this Corrigendum are made in the above mentioned RFP. Further, clarifications as given in ANNEXURE-2 are hereby provided on various aspects of the RFP so as to enable better understanding.

Format 7 (Detailed Price Breakup) and Format 8 (Unpriced Bill of Materials) have been revised and are attached. Bidders are required to use these revised formats only.

A File (.rar) consisting of all Formats 1 to 15 (.doc), Functional Requirements (.xls), Non-Functional Requirements (.xls) and Technical Specifications (.xls) is being uploaded with this Corrigendum. This File incorporates all amendments made by this Corrigendum. Bidders are requested to use only the revised File, now uploaded.

Please note that the last date of submission of online bids is 7<sup>th</sup> January, 2016 (03:00 PM) and opening of bids (EMD and Pre-Qualification) will take place on 8<sup>th</sup> January, 2016 at 11:00 AM.

All other terms and conditions of the RFP remain unchanged.

Anand Parkash  
Deputy General Manager - IT

**ANNEXURE-1 (to the CORRIGENDUM-2 dated 18.12.2015)**

<b>S. No.</b>	<b>RFP Reference Page No./ Section</b>	<b>Existing Text</b>	<b>Amended Text</b>
1.	Page 12, Section 4.3 IT Infrastructure Requirements	-	The Section 4.3 on "IT Infrastructure Requirements" as contained in the RFP will be replaced by the Revised Section 4.3 attached to this Corrigendum.
2.	Page 33, Section 8 Scope of Work / No. 2.1 of the table	Supply of networking equipment and other hardware (other than front end computers) as required in STC offices for the implementation of the proposed solution to meet the requirements in the RFP including the Performance Levels.	Supply of networking equipment and other hardware (other than front end computers) as required in STC offices for the implementation of the proposed solution to meet the requirements in the RFP including the Performance Levels. Supply to be made on an outright sale basis.
3.	Page 69, Format 7	Detailed Price Breakup	The Format 7 for "Detailed Price Breakup" as contained in the RFP will be replaced by the Revised Format 7 attached to this Corrigendum.
4.	Page 74, Format 8	Unpriced Bill of Materials	The Format 8 for "Unpriced Bill of Materials" as contained in the RFP will be replaced by the Revised Format 8 attached to this Corrigendum.
5.	Page 115, Section 13.4 Required Service Window	-	The following shall be added at the end of the Table for 7. Internet Availability - 24 x 7 x 365
6.	Page 116, Section 13.5 Performance Parameters	-	The following shall be added at the end of the paragraph 13.5 (After Incident Management & Helpdesk Services) • Internet Availability
7.	Page 122, Section 13.5 Performance Parameters /	-	A new Section 13.5.7 - 'Internet Availability' as attached to this Corrigendum will be added after Section 13.5.6 and before Section 13.6. 13.5.7
8.	Page 122, Section 13.7 Penalties (Heading of second column of the Table)	Penalty as a percentage of applicable monthly charges for support and maintenance(Applicable for Section 13.5.1, 13.5.2, 13.5.4, 13.5.5, 13.5.6)	Penalty as a percentage of applicable monthly charges for support and maintenance(Applicable for Section 13.5.1, 13.5.2, 13.5.4, 13.5.5, 13.5.6, 13.5.7)
9.	Page 123, Section 13.7 Penalties	The weighted average of the penalty levels of different locations as required in Sections 13.5.1, 13.5.2 & 13.5.6 shall be .....	The weighted average of the penalty levels of different locations as required in Sections 13.5.1, 13.5.2, 13.5.6 & 13.5.7 shall be .....

10.	Page 123, Section 13.7 Penalties	Penalties applicable in respect of different parameters shall be added to arrive at total penalty liveable for the month.	Penalties applicable in respect of different parameters shall be added to arrive at total penalty <b>levyable</b> for the month.
11.	Page 126, Section 14.1 S.No. 11	Ability to Provide on-line help in Hindi, English Language	Ability to provide on-line help <b>in English language.</b>
12.	Page 225, Section 14.6 Document Management System and Workflow	-	The following will be added immediately below S.No. 19  <b>Document Capturing</b> 19(a) Should have ability to capture scanned documents, electronic documents created or submitted in the system and electronic documents received from external sources.
13.	Page 252, Section 16.6 S.No. 20	The router shall support non-IP protocols like IPX, SNA	Deleted
14.	Page 264, Section 16.14 S.No. 2	1. The native LTO-5 capacity should be 5TB.  2. Shall be offered with Minimum of Two LTO5 tape drive in tape Library.	1. The native <b>LTO-6</b> capacity should be 5TB.  2. Shall be offered with Minimum of Two <b>LTO-6</b> tape drives in tape Library.
15.	Page 264, Section 16.14 S.No. 3	1. Offered LTO-5 drive in the Library shall conform to the Continuous and Data rate matching technique for higher reliability.  2. Offered LTO-5 drive should be hot swappable and shall support WORM and AES 256 bit encryption.	1. Offered <b>LTO-6</b> drive in the Library shall conform to the Continuous and Data rate matching technique for higher reliability.  2. Offered <b>LTO-6</b> drive should be hot swappable and shall support WORM and AES 256 bit encryption.
16.	Page 264, Section 16.14 S.No. 4	Offered LTO-5 drive shall support 140MB/sec in Native mode and 280MB/sec in 2:1 Compressed mode.	Offered <b>LTO-6</b> drive shall support 140MB/sec in Native mode and 280MB/sec in 2:1 Compressed mode.
17.	Page 272, Section 17 Bandwidth Requirements	-	The Section 17 on "Bandwidth Requirements" as contained in the RFP will be replaced by the Revised Section 17 attached to this Corrigendum

## **ANNEXURE-2 (to the CORRIGENDUM-2 dated 18.12.2015)**

### **Clarifications**

#### **1. Digitization and Scanning**

Bidder shall be responsible for providing equipment and manpower for entire digitization and scanning of documents required during the implementation phase. STC will only provide space and power for this purpose. Any scanning of documents that may be required after GO Live will be undertaken by STC.

#### **2. Business Processes to be Supported by Intranet Portal**

The nature and number of processes may be derived from functional requirements given in the RFP keeping in view the solution offered.

#### **3. Requirement with regard to the use of Hindi**

All reports generated through ESS shall be bilingual (Hindi and English). Other reports will have provision of including title and heading in bilingual form.

Online Help may be in English Language.

#### **4. Monitoring of IT Assets supplied by Bidder**

Performance of all the IT Assets shall be monitored and reported upon by the selected bidder using the EMS/NMS of the Data Centre.

#### **5. General**

- i. No server is envisaged at C.O. or branches.
- ii. LAN Switches at Data Centre will be availed as a part of Data Centre services.
- iii. The selected bidder will need to set up new LANs as per the requirement of the RFP and no LAN or server or network racks will be available from the existing infrastructure.
- iv. If in the opinion of a bidder, additional hardware, software or network equipment would be needed to deliver the solution and achieve the specified performance levels, such additional requirements may be included in the bid along with justification. However, the award of work will be made on the basis of lowest quoted total price without giving any consideration to additional items included in the bid.
- v. The interested bidders may visit STC offices, with prior appointment, to ascertain networking requirements, etc.

**FORMAT 7      DETAILED PRICE BREAKUP (REVISED)**

- Note:**
1. Price of Hardware AMC (provided by OEM) prices bundled with the sale of hardware may be included in the Table A1.1 or A2.1 as applicable.
  2. Price of Hardware AMC and Software licenses/ATS to the extent not bundled with hardware/software may be included under Table 'C' of this format.
  3. All prices should be in Indian Rupees (INR)

**A. IT INFRASTRUCTURE****A1. Data Centre Setup**

<b>A1.1 Hardware including all network components</b>						
<b>S. No.</b>	<b>Name of the Hardware / Networking Component</b>	<b>Price per unit (x)</b>	<b>Quantity Offered (y)</b>	<b>Sub Price (x*y)</b>	<b>Tax Type and Tax %</b>	<b>Total Price (incl. Tax)</b>
1.	Database Server		2			
2.	Application Server		2			
3.	Web Server		2			
4.	LDAP Server and Antivirus Servers		2			
5.	Development and QA Servers		2			
6.	Blade Chassis		1			
7.	Backup Server		1			
8.	MPLS Router		2			
9.	Load Balancer		2			
10.	Storage Array		1			
11.	Tape Library		1			
12.	Others					
	a.					
	b.					
	c.					
	d.					
	e.					
<b>A1.2 System Software Licenses / Middleware / Tools etc. (To the extent not bundled with the hardware)</b>						
<b>S. No.</b>	<b>Name of the Software / Middleware / Tools etc.</b>	<b>Price per unit / License (x)</b>	<b>Quantity Offered (y)</b>	<b>Sub-Total (x*y)</b>	<b>Tax Type and Tax %</b>	<b>Total Price (incl. Tax)</b>
1.	Server Operating System – Enterprise Edition With 2 virtual nodes		7			
2.	Server Operating System – Enterprise		4			

	Edition With minimum 4 virtual nodes					
3.	LDAP and IdAM		700			
4.	Middleware		1			
5.	Backup Solution		1			
6.	Helpdesk		1			
7.	Antivirus for Servers		11			
8.	Others					
	a.					
	b.					
	c.					
	d.					
	e.					
<b>A1.3 Installation and Commissioning Services</b>						
<b>S. No.</b>	<b>Installation Service</b>		<b>Price</b>	<b>Tax Type and Tax %</b>	<b>Total Price (incl. Tax)</b>	
1.	Commissioning					
	<b>Total (of A1.1, A1.2 &amp; A1.3)</b>					<b>Total A1*</b>

**A2. Network (LAN and MPLS) Setup (including the hardware required at the Corporate Office and branches)**

<b>A2.1 Networking components</b>						
<b>S. No.</b>	<b>Name of the Hardware / Networking Component / Others</b>	<b>Price per unit (x)</b>	<b>Quantity Offered (y)</b>	<b>Sub Price (x*y)</b>	<b>Tax Type and Tax %</b>	<b>Total Price (incl. Tax)</b>
1.	Core Switch		2			
2.	Internet Router		2			
3.	MPLS Router		2			
4.	Branch Router		8			
5.	L2 Switch - 16 Port		2			
6.	L2 Switch - POE		10			
7.	MPLS Wireless Router		9			
8.	Wireless Access Controller		2			
9.	Wireless Access Points		24			
10.	UTM		2			
11.	Passive (Including Structured cabling, connectors, racks etc)					
12.	Others					

	a.					
	b.					
	c.					
	d.					
	e.					
<b>A2.2 UPS</b>						
S. No.	Capacity Rating /	Price per unit (x)	Quantity Offered (y)	Sub Price (x*y)	Tax Type and Tax %	Total Price (incl. Tax)
1						
2						
3						
4						
5						
<b>A2.3 Installation and Commissioning Services</b>						
S. No.	Installation Service	Price	Tax Type and Tax %	Total Price (incl. Tax)		
1.	Commissioning					
<b>Total (of A2.1, A2.2 &amp; A2.3)</b>						<b>Total A2*</b>

### A3. Application Software Licenses

S. No.	Name of the Software	Price per unit / License(x)	Quantity Offered (y)	Sub-Total (x*y)	Tax Type and Tax %	Total Price (incl. Tax)
1.	Finance and account HR, Payroll and Document Management System		190			
2.	Employee Self-Service and Intranet Portal with File Tracking		700			
3.	Antivirus for end points		400			
4.	Others					
	a.					
	b.					
	c.					
	d.					
	e.					
<b>Total</b>						<b>Total A3*</b>

**Note:** License prices for DMS to be indicated separately in case the same does not form part of COTS application.

## B. Implementation Services

S. No.	Item	Price	Tax and %	Type Tax	Total Price (incl. Tax)
B1	Configuration, Customization, Development, Commissioning, Implementation and Hosting of all applications in DC and other services like testing, documentation, training, digitization & migration etc. required for implementation				B1*
B2	3 months handholding support				B2*
B3	Handholding support for one Annual Accounts Closing				B3*
	<b>TOTAL (of B1, B2 &amp; B3)</b>				<b>Total B*</b>

**Note:** Any onetime charges or cost of bandwidth for the period prior to Go-Live shall have to be borne by the selected bidder and may be included in Price B1 of the Financial Bid. However, if necessary, such costs or a part thereof could be paid to the service provider directly by STC by recovering from the amount payable to the Bidder.

## C. Maintenance and Support Services (for 5 years after Go-Live)

S. No.	Maintenance and Support Services	Price	Tax and %	Type Tax	Total Price (incl. tax)
1	Maintenance and offsite Support Services of DC, Networking, all applications and other services, web-site maintenance during Maintenance and Support Phase				
2	Co location Hosting				
3	Helpdesk Services				
	<b>TOTAL</b>				<b>Total C*</b>

## D. Bandwidth (for 5 years after Go-Live)

S. No.	Item	Price	Tax and %	Type Tax	Total Price (incl. tax)
<b>D1</b>	<b>Internet Bandwidth</b>				
1	Primary Connectivity	40 mbps			
2	Secondary Connectivity	20 mbps			



<b>D2</b>	<b>MPLS Bandwidth</b>	<b>MPLS Bandwidth offered**</b>	<b>Price</b>	<b>Tax Type and Tax %</b>	<b>Total Price (incl. tax)</b>
1	Corporate Office, New Delhi				
2	Data Centre, NCR				
3	Agra				
4	Ahmadabad				
5	Bengaluru				
6	Bhopal				
7	Chennai				
8	Hyderabad				
9	Jalandhar				
10	Kolkata				
11	Mumbai				
12	Cochin				
13	Coimbatore				
14	Gandhidham				
15	Guntur				
	<b>TOTAL</b>				<b>Total D*</b>

\* **Values to be carried forward to Format 6 (Financial Bid).**

\*\* **The bandwidth offered should not be less than bandwidth indicated in REVISED Section 17.**

Certified that the prices as quoted above include all taxes, levies, duties, freight, insurance and service tax, etc. as applicable on the date of bidding.

(Authorized Signatory)

Name & Designation

**FORMAT 8 UNPRICED BILL OF MATERIALS (REVISED)**

**Note:** Bid should conform to the minimum quantity and specifications mentioned in the RFP. However, if the bidder finds it necessary to include any additional item so as to implement the solution and meet the performance parameters, the same may be included under the head "Others". In any case, the evaluation of Financial bids will be on the basis of total price quoted and no credit will be given for additional items included.

**A. IT INFRASTRUCTURE****A1. Data Centre Setup**

<b>A1.1 Hardware including all network components</b>					
<b>S. No.</b>	<b>Name of the Hardware / Networking Component</b>	<b>Make</b>	<b>Model</b>	<b>Quantity</b>	
1.	Database Server			2	
2.	Application Server			2	
3.	Web Server			2	
4.	LDAP Server and Antivirus Servers			2	
5.	Development and QA Servers			2	
6.	Blade Chassis			1	
7.	Backup Server			1	
8.	MPLS Router			2	
9.	Load Balancer			2	
10.	Storage Array			1	
11.	Tape Library			1	
12.	Others				
	a.				
	b.				
	c.				
	d.				
	e.				
<b>A1.2 System Software Licenses / Middleware / Tools etc. (To the extent not bundled with the hardware)</b>					
<b>S. No.</b>	<b>Name of the Software/ Middleware / Tools etc.</b>	<b>Make</b>	<b>Version</b>	<b>Year of Release</b>	<b>No. of Licenses</b>
1.	Server Operating System – Enterprise Edition With 2 virtual nodes				7
2.	Server Operating System – Enterprise Edition With minimum 4 virtual nodes				4
3.	LDAP and IdAM				700 users
4.	Middleware				1

5.	Backup Solution				1
6.	Helpdesk				1
7.	Antivirus for Servers				11
8.	Others				
	a.				
	b.				
	c.				
	d.				
	e.				

**A2 Network (LAN and MPLS) Setup (including the hardware required at the Corporate Office and branches)**

<b>A2.1 NETWORKING COMPONENTS</b>					
<b>S. No.</b>	<b>Name of the Hardware / Networking Component / others</b>	<b>Make</b>	<b>Model</b>	<b>Quantity</b>	
1.	Core Switch			2	
2.	Internet Router			2	
3.	MPLS Router			2	
4.	Branch Router			8	
5.	L2 Switch			2	
6.	L2 Switch – POE			10	
7.	MPLS Wireless Router			9	
8.	Wireless Access Controller			2	
9.	Wireless Access Point			24	
10.	UTM			2	
11.	Passive (Structured cabling including cables, connectors, racks etc)				
12.	Others				
	a.				
	b.				
	c.				
	d.				
	e.				
<b>A2.2 UPS</b>					
<b>S. No.</b>	<b>Capacity / Rating</b>	<b>Location</b>	<b>Make</b>	<b>Model</b>	<b>Quantity</b>
1.					
2.					
3.					
4.					
5.					

**A3 Application Software Licenses**

<b>S. No.</b>	<b>Software</b>	<b>Make</b>	<b>Version</b>	<b>Year of release</b>	<b>No. of Licenses</b>
1.	Finance and Accounts, Payroll and Document Management	HR, and			190

	System				
2.	Employee Self-Service and Intranet Portal with File Tracking				700
3.	Antivirus for end points				400
4.	Others				
	a.				
	b.				
	c.				
	d.				
	e.				

**B Bandwidth (for 5 years after Go-Live)**

S. No.	Item	Service Provider	Bandwidth Offered*
<b>1.</b>	<b>Bandwidth for internet connectivity</b>		
1.1	Primary Connectivity		40 mbps
1.2	Secondary Connectivity		20 mbps
<b>2.</b>	<b>MPLS Bandwidth</b>		
2.1	Corporate Office, New Delhi		
2.2	Agra		
2.3	Ahmadabad		
2.4	Bengaluru		
2.5	Bhopal		
2.6	Chennai		
2.7	Hyderabad		
2.8	Jalandhar		
2.9	Kolkata		
2.10	Mumbai		
2.11	Cochin		
2.12	Coimbatore		
2.13	Gandhidham		
2.14	Guntur		
2.15	Data Centre		

\* The bandwidth offered should not be less than bandwidth indicated in REVISED Section 17.

### 4.3 IT Infrastructure Requirements (REVISED)

The quantity of IT Infrastructure to be supplied and commissioned for Data Centre and networking is indicated in the table below.

Component	Quantity
<b>SERVERS and STORAGE (For Data Centre)</b>	
Database Server	2
Application Server (F & A, HR and Payroll)	2
Web Server, Intranet Portal Server, DMS and Workflow Server	2
LDAP Server and Antivirus Server	2
Development and QA Servers	2
Backup Server	1
Blade Chassis	1
Storage Array	1
Tape Library	1
Load Balancer	2
MPLS Router	2
<b>NETWORKING EQUIPMENT</b>	
Core Switches (CO- 23 <sup>rd</sup> Floor)	2
Internet Routers (CO – 23 <sup>rd</sup> Floor)	2
MPLS Routers (CO- 23 <sup>rd</sup> Floor)	2
Branch Routers (2 each at Ahmedabad, Chennai, Mumbai and Kolkata)	8
L2 Switches – 16 Port (CO – 23 <sup>rd</sup> Floor)	2
L2 Switches – POE (2 each at 23 <sup>rd</sup> , 17 <sup>th</sup> , 10 <sup>th</sup> , 6 <sup>th</sup> & 4 <sup>th</sup> Floors at CO)	10
UTM (CO – 23 <sup>rd</sup> Floor)	2
MPLS Wireless Routers (1 each at Agra, Bengaluru, Hyderabad, Jalandhar, Cochin, Coimbatore, Gandhidham, Guntur and Bhopal)	9
Wireless Access Controller (CO – 23 <sup>rd</sup> Floor)	2
Wireless Access Points (16 at various Floors at CO and two each at Ahmedabad, Chennai, Mumbai and Kolkata)	24
UPS for all STC locations for networking equipments. (The requirement in terms of capacity and quantity to be assessed by the bidder keeping in view the size of equipments and Performance Parameters)	
Passive at all STC locations (including structured cabling, connectors, racks, etc.)	
<b>SYSTEM SOFTWARE</b>	
Enterprise Edition Server With 2 virtual node	7
Enterprise Edition Server With minimum 4 virtual nodes	4
LDAP and IdAM	700 users
Middleware	1
Backup Solution	1
Helpdesk	1
Antivirus for Servers	11
Antivirus for End points	400
<b>APPLICATION SOFTWARE</b>	
Finance and Accounts, HR, Payroll and Document Management System	190 users
Employee Self-Service and Intranet Portal with File Tracking	700 users

### 13.5.7 Internet Availability (NEWLY INSERTED)

The Selected Bidder shall ensure availability of internet as indicated in the Bid or otherwise agreed with STC. Non-availability of internet will lead to penalties as per scales given below:

Service	Availability (as per uptime calculation given in Section 13.4)	Penalty Level
Internet Availability (for any Single Location)	Greater than or equal to 99.50%	Nil
	Less than 99.50% and greater than or equal to 99.00%	1
	Less than 99.00% and greater than or equal to 98.00%	2
	Less than 98.00% and greater than or equal to 97.00%	3
	Less than 97.00% and greater than or equal to 96.00%	4
	Less than 96.00% and greater than or equal to 92.00%	5
	Less than 92.00%	6

The weighted average of the different penalty levels of various locations (worked out in the ratio of number of users) shall then be worked out.

## 17 Bandwidth Requirements (REVISED)

The location wise bandwidth requirements are indicated below.

### Internet Bandwidth Requirements

S. No.	Location	Bandwidth
1.	Primary Connectivity at C.O.	40 mbps
2.	Secondary Connectivity at C.O.	20 mbps

### MPLS Bandwidth Requirements

S. No.	Location	No. of terminals	Bandwidth
1.	Corporate Office	300	8 mbps
2.	Agra	3	512 kbps
3.	Ahmadabad	20	2 mbps
4.	Bengaluru	10	1 mbps
5.	Bhopal	2	512 kbps
6.	Chennai	26	2 mbps
7.	Hyderabad	12	1 mbps
8.	Jalandhar	3	512 kbps
9.	Kolkata	28	2 mbps
10.	Mumbai	28	2 mbps
11.	Cochin	3	512 kbps
12.	Coimbatore	1	256 kbps
13.	Gandhidham	3	512 kbps
14.	Guntur	1	256 kbps
15.	Outsourced Data Centre		8 mbps