#### Date:

		Bid Evaluation Report
	Supply & Ins	stallation of Network Monitoring System (NMS).
1	Name of Procuring Agency	Sindh Bank Ltd.
2	Tender Reference No.	SNDB/COK/ADMIN/TD/1459/2025
3	Tender Description	Supply & Installation of Network Monitoring System (NMS).
4	Method of Procurement	Single Stage One Envelop Bidding Procedure
5	Tender Published	SPPRA NIT EPADS-S S-250703344/S-250703346/S-250703346/S-2507033SS Express Tribune, Sindh Express, Daily Express (21/07//2025)
6	Total Bids Received	02
8	Technical / Financial Bid Opening Date	06/08/2025 Time: 1130 Hours
9	No of Bid Technically Qualified	02
10	Bid(s) Rejected	0

S. No.	Name of Company	Cost Offered by Bidder	Ranking in Terms of Cost	Comparison with Estimated Cost Rs. 14,421,000/- US\$ 50,600 x 285	Reason for Acceptance/ Rejection	Remarks
0	1	2	3	4	5	6
1	M/s Go Live.	Rs. 12,043,616/-	1st Lowest Qualified Bidder.	Rs,2,377,384/- Below with the estimated cost	Accepted Beir Advantage	
2	M/s Inbox	Rs. 24.932,455/-	2nd Bidder.	Rs. 10,511,455/- Above with the estimated cost	2nd Bi	dder

 $\underline{\text{Note}}$ : Accordingly, going through the Technical/Financial evaluation criteria laid down in the tender document, M/s Go Live is the most advantageous bid and hence recommended for Supply & Installation of Network Monitoring System (NMS).

#### Members - Procurement Committee

(Mr. Dilshad Hussain Khan) Chief Financial Officer - EVP - Chairperson

(Mr. Arshad Abbas Soomro) Head of Administration-SVP-Member

(Mr. Parvez Ali Bhutto) Director Works & Service (Sindh Madressatul University) Member

Signature



ATTENDANCE SHEET

FOR SELECTION OF Weld or Monitoring

Date: 06 08 25

S.No	Company Name	Name of Company Representative	Contact No.	Company Address	Signature
	Shalmana	Mustago	3018	19, west Whog Doyatt	July
01	Imbox Business Technologies ad	Farhan Khokhar	0321- 2428841	Sth floor Dano Center Milycha- Kd : Ktuschi	1 July
02	Goline Publid	Azam Khan/ Haidex Alè	0304-386		
03					
04					
05					

Signature - Procurement Committee Member

Chief Financial Officer

Head of Administration

Director Works & Service Sindh Madressatul Islam University \_ [2] at 8)

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### Supply & Installation of Network Monitoring System (NMS)

Serial No:	0/	Serial No:
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Bidder Name Go Live

S. No.	Requisite	Total Marks	Marks Obtained	Remarks	Attachment of relevant evidence in each case is mandatory. In case of non-compliance, no mark will be awarded	Attach evidence as Annexure
1	Firm's Status	20	20	Public / Private Ltd.	NTN Certificate / Letter of	A
	<i>a</i>	10		Partnership Firm/ Sole Proprietorship	Incorporation / Company Registration Letter is required to be enclosed	
2	Banks presently on the Client List The Bidder/OEM proposed solution must have been	20		4 and above	Letters to be attached, duly issued from each concerned Bank	В
	deployed during the last three years.	10	10	2 and above		
3	Years in the IT Business in the relevant field	20		05 Years and above	NTN Certificate / Letter of Incorporation / Company	С
		10	10	03 years and above	Registration Letter is required to be enclosed	
4	Average Yearly Turnover in the Last 3 Years	20	20	On average of 7 million and above per year	Audit Report / Tax Return for last 3 years	D
		10		On average of 5 million and above per year		
5	Service and support office in major cities of Pakistan	20	20	3 Cities and above	List of Address in cities with PTCL number	
	including Karachi	10		1 Cities and above		Ε
-	Total Marks	100	RO		QUALIFIED / DISQUALIFIED	

Members Signatures- Evaluation Team

Hasan Raza

Finance Division

Zeeshan ut Haq IT Division

**Members Procurement Committee** 

1 CHIEF FINANCIAL OFFICER

2 HEAD OF ADMINISTRATION

3 DIRECTOR WORKS & SERVICES



Date:			

# Supply & Installation of Network Monitoring System (NMS)

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Seria	I No:	(
Deriu	LIVU.	

Bidder Name: In box

S. No.	Requisite	Total Marks	Marks Obtained	Remarks	Attachment of relevant evidence in each case is mandatory. In case of non-compliance, no mark will be awarded	Attach evidence as Annexure
1	Firm's Status	20	20	Public / Private Ltd.	NTN Certificate / Letter of	A
		10		Partnership Firm/ Sole Proprietorship	Incorporation / Company Registration Letter is required to be enclosed	
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	deployed during the last three years.	10	10	2 and above		
3	Years in the IT Business in the relevant field	20	20	05 Years and above	NTN Certificate / Letter of Incorporation / Company	С
		10		03 years and above	Registration Letter is required to be enclosed	
4	Average Yearly Turnover in the Last 3 Years	20		On average of 7 million and above per year	Audit Report / Tax Return for last 3 years	D
		10	10	On average of 5 million and above per year	80000	
5	Service and support office in major cities of Pakistan	20	20	3 Cities and above	List of Address in cities with PTCL number	
	including Karachi	10		1 Cities and above		E
	Total Marks	100	80		QUALIFIED / DISQUALIFIED	

Members Signatures- Evaluation Team

Zeeshan ul Haq

**Members Procurement Committee** 

1 CHIEF FINANCIAL OFFICER

2 HEAD OF ADMINISTRATION

3 DIRECTOR WORKS & SERVICES

M/1 GO Live

### TECHNICAL SPECIFICATIONS/SCOPE OF WORK

Sindh Bank Limited requires Supply & Installation of Network Monitoring System (NMS) Solution for 750 nodes. The requirement will be issued on need basis. Therefore, quantity may vary depends on the requirement of the bank, accordingly bank will not be responsible if the quantity asked is not as per scope of work below and in this context no claim will be entertained. Payment will be done on supply of actual numbers of items. The purchase of item will be spread over the year as needed.

Required items should strictly be original/genuine and in accordance with the specifications below

19.5	Network Monitoring System (NMS)	Comply	Remarks
S#	Features	Yes/No	
1	The solution should offer a unified platform that integrates both monitoring and observability capabilities, providing seamless visibility	X	
2	The solution must support advanced data analytics, enabling proactive monitoring alongside in-depth observability for tracing, logging, and metrics collection to enhance troubleshooting and system optimization.	y	
	Core Monitoring Capabilities		
3	The proposed monitoring solution should be able to monitor:  (a) Routers (b) Switches (c) Firewalls (d) Wireless devices (e) Servers  (e) Other SNMP-enabled devices	4	
4	The proposed monitoring solution should be able to monitor network traffic by capturing flow data from network devices, including Cisco NetFlow v5 or v9, Juniper J-Flow, IPFIX, sFlow, NetStream data, sampled NetFlow data and Cisco ASA NetFlow	X	
5	The proposed monitoring solution should be able to monitor:  (a) Application status (b) Application performance statistics (c) Services and processes (d) OS performance (e) Hardware	Y	
6	The proposed management solution should be able to automatically backup configuration (text-based, XML and binary configuration files) for routers, switches, firewalls, access points and other network devices	У	
7	Should allow use of custom scripts with various scripting engine options like VBscript, Perl, PowerShell etc.	У	
8	Should automatically provide real-time, in-depth VoIP performance statistics, including MOS, jitter, network latency and packet loss	У	
9	Should provide real-time, in-depth performance statistics after discovery/configuration of devices, including but not limited to, (a) Array performance (b) Controller Performance (c) LUN performance (d) Disk performance	У	
10	Should do real-time VoIP PRI Trunk utilization monitoring on Cisco PRI gateways providing detailed data distribution UI, trunk utilization charts and historical VoIP & data utilization statistics for gateways	У	
11	Should be able to monitor any website on private and public cloud for availability and response time/latency	У	
12	Should be able to make bulk configuration changes. For example, change community strings, update ACLs etc. across multiple devices	7	
.3	Should send real-time alerts when network configuration changes happen, with the comparison of which configuration lines were added, deleted and modified  SIGNATURE PC MEMBERS-SINDH BANK LTD	У	

CFO/Head of Finance\_

Head of Administration\_

Director Works & Services

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14	Should allow comparison of startup and running configuration files to troubleshoot device configuration issues	Y	
15	Should detect configuration policy violations to ensure compliance with federal regulations and corporate standards	Y	
16	Should automatically provide real-time, in-depth network performance statistics after discovery/configuration of devices, including but not limited to,  (a) CPU load (b) Memory utilization (c) Interface utilization (d) packet loss	4	
17	Should show statistics like interface bandwidth, current traffic in bps, total bytes received/transmitted etc.	4	
18	Should be able to discover and troubleshoot network paths hop-by-hop for both on premises and cloud environment for specific TCP connections	4	
19	Should display information including alerting for major routing protocols (BGP, OSPF, RIP, EIGRP) with options to view and search routing tables including VRFs, changes in default routes and flapping routes, router topology and neighbor statuses	4	
20	Should monitor Type of Service (ToS), Differentiated Services Codepoint (DSCP), and Per-Hop Behavior (PHB)	Y	
21	Should detect and display changes for the following items: (1) Application configuration file (2) Hardware inventory (3) Software inventory (4) Windows registry (5) Text-based file (6) Binary file	X	
22	Should be able to accept Syslog, SNMP traps and Windows events from servers and network devices.	Y	
23	Should show which subnets are nearing full capacity and how they are allocated	4	
24	Should have active IP address conflict detection in both static and DHCP environments	Y	
25	Should support BIND DNS management and monitoring by allowing creation, modification and deletion of DNS zones and DNS records for BIND DNS v8.x, v9.x and v9.11+	7	
26	Should do performance monitoring of VMware environments, including VMware ESX, vSphere, ESXi, vCenter Server	7	
27	Should also support Cisco NBAR2 classification	y	
28	Should identify which users, applications, and protocols are consuming the most bandwidth	Y	
	Network Discovery	HELE	
29	Should allow interface filtering on discovery results to exclude virtual interfaces and access ports, and select interfaces based on pattern matching	4	
30	The proposed monitoring solution should be able to automatically add flow A sources which are already being monitored for performance	March	
31	Should have option to automate and schedule discovery processance A to stell	1007	
1	Operations	1	图1000000000000000000000000000000000000

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8	Should automatically provide real-time, in-depth VoIP performance statistics, including MOS, jitter, network latency and packet loss	7	
9	Should provide real-time, in-depth performance statistics after discovery/configuration of devices, including but not limited to, (a) Array performance (b) Controller Performance (c) LUN performance (d) Disk performance	7	
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11	Should be able to monitor any website on private and public cloud for availability and response time/latency	4	
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13	Should send real-time alerts when network configuration changes happen, with the comparison of which configuration lines were added, deleted and modified  SIGNATURE FC MEN	7	- Constitution of the Cons

CFO/Head of Finance

Head of Administration .

**Director Works & Services** 

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14	Should allow comparison of startup and running configuration files to troubleshoot device configuration issues	y	
15	Should detect configuration policy violations to ensure compliance with federal regulations and corporate standards	У	
16	Should automatically provide real-time, in-depth network performance statistics after discovery/configuration of devices, including but not limited to,  (a) CPU load (b) Memory utilization (c) Interface utilization (d) packet loss	Y	
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23	Should show which subnets are nearing full capacity and how they are allocated	Y	
24	Should have active IP address conflict detection in both static and DHCP environments	4	
25	Should support BIND DNS management and monitoring by allowing creation, modification and deletion of DNS zones and DNS records for BIND DNS v8.x, v9.x and v9.11+	y	
26	Should do performance monitoring of VMware environments, including VMware ESX, vSphere, ESXi, vCenter Server	y	
27	Should also support Cisco NBAR2 classification	V	-
28	Should identify which users, applications, and protocols are consuming the most bandwidth	y	
	Network Discovery	The second second	Wi
.9	Should allow interface filtering on discovery results to exclude virtual interfaces and access ports, and select interfaces based on pattern matching	4	
80	The proposed monitoring solution should be able to automatically add flow sources which are already being monitored for performance	7	
31	Should have option to automate and schedule discovery process	7	
	Operations		

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34 lit should like results as lit should like results as lit should like results as lit should lit	page ald quickly highlight devices with issues, based on different properties sponse time, cpu load, memory usage, high interface usage etc.  Advanced Reporting  oposed monitoring solution Should provide current and historical outbox reports for various statistics monitored  be able to generate / create the report via the web console have policy reports designed for regulations specified in HIPAA, SOX, Cisco Security Audit etc.  Advanced Alerting  erting mechanism should allow complex conditions and condition to be specified for narrowing down the alert condition Id allow custom queries to be entered to create rules against the see Id allow creation of new alerts from scratch, and also customizable old limits	·/ -/ -/ -/ -/ -/ -/ -/ -/ -/ -/ -/ -/ -/	
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41 It should databate threshold devices outage the ground should	erting mechanism should allow complex conditions and condition to be specified for narrowing down the alert condition ld allow custom queries to be entered to create rules against the se ld allow creation of new alerts from scratch, and also customizable old limits	7	
41 It should databate threshold devices outage the ground should	to be specified for narrowing down the alert condition  Id allow custom queries to be entered to create rules against the se  Id allow creation of new alerts from scratch, and also customizable old limits	7	
42 It should thresh.  Should device outage Should the grown Should inform Layer Dayer Daye	se Id allow creation of new alerts from scratch, and also customizable old limits		
44 Should device outage Should the grown Layer Deviced	old limits	1	
44 Should the grown Layer Decreased and the grown Layer Decreased			
43 devices outage Should the grown Should inform Layer Dayer	Grouping	States was	SECTION SECTION
the ground	be able to define dependencies and relationships between connected s and interfaces to avoid false-positive email alerts in case of an .	Y	
45 inform Layer D  46 The pro 47 The dis catego 48 It shou	be able to calculate group availability by averaging the availability of our members.	4	
45 inform Layer D  46 The pro 47 The dis catego 48 It shou	Network Maps	A PROPERTY.	
47 The discatego	be able to automatically connect devices by means of topology ation gathered during discovery, like Cisco Discovery Protocol or Link Discovery Protocol	4	
47 The discatego	Multi-vendor Support		
catego	oposed monitoring solution should not be vendor-specific	Y	
	covered devices should be detected as that of a specific vendor and rized automatically	7	
the mo	ld be able to provide a unified summary view taking into account all nitored devices from different vendors	Y	
Should devices	provide built-in configuration management support for network from Cisco Systems, Nortel Networks, Extreme Networks, Dell, HR.	4	
	Riverbed, 3Com, Aruba Networks, Juniper Networks, Foundry U112		<b>用物型指挥的</b> 10次 全 连 的 10 12 12 12
50 proper	Riverbed, 3Com, Aruba Networks, Juniper Networks, Foundry U112		

SIGNATURE PC MEMBERS SINDH BANK LTD

Head of Administration.

Director Works & Services

51	Should have APIs available to programmatically import/export nodes and do similar functionality	Y
52	The proposed management solution should allow the creation of device command templates for devices not supported out-of-the-box	4
53	Should be able to create custom policy reports by specifying what content should/should not be present in configuration. The content could be specified either as a string or as a regular expression	Y
	Enterprise Scalability	
54	The proposed management solution should be able to manage even 10,000 devices and accommodate network growth through addition of load-balancing applications	7
55	Should support multiple deployment options:  (a) Centralized deployment  (b) Distributed deployment  (c) Hybrid deployment  With a centralized operations console view, alert acknowledgement and reporting interface	y
	Security	
56	Should be fully compatible with TLS 1.3, 1.2, without any dependency on TLS 1.1 or 1.0	Y
57	Should support Microsoft Device Guard with all binary signed to ensure code integrity	У

Faraz Ahmed Admin Div M. Rashid Memon IT Div

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50	properties from SNMP-enabled devices by specifying the OID of the properties SIGNATURE PC MEMBERS	The Contract of the Contract o	M.P.
50	The proposed monitoring solution should allow gathering of custom	Y	
	Extensibility		
19	Should provide built-in configuration management support for network devices from Cisco Systems, Nortel Networks, Extreme Networks, Dell, HP, Adtran, Riverbed, 3Com, Aruba Networks, Juniper Networks, Foundry Networks etc.	4	
8	the monitored devices from different vendors  The proposed management solution should not be vendor-specific and	7	
17	categorized automatically It should be able to provide a unified summary view taking into account all	4	
16	The proposed monitoring solution should not be vendor-specific  The discovered devices should be detected as that of a specific vendor and	7	
16	Multi-vendor Support	1	
15	information gathered during discovery, like Cisco Discovery Protocol or Link Layer Discovery Protocol	7	
4.5	Should be able to automatically connect devices by means of topology	V	
	Network Maps		THE PROPERTY OF STREET
14	Should be able to calculate group availability by averaging the availability of the group members.	4	
43	Should be able to define dependencies and relationships between connected devices and interfaces to avoid false-positive email alerts in case of an outage.	Y	
	Grouping		
42	It should allow creation of new alerts from scratch, and also customizable threshold limits	Y	
11	It should allow custom queries to be entered to create rules against the database	Y	
10	The alerting mechanism should allow complex conditions and condition groups to be specified for narrowing down the alert condition	4	
	Advanced Alerting		
38	Should have policy reports designed for regulations specified in HIPAA, SOX, CISCP, Cisco Security Audit etc.	1	
37	Should be able to generate / create the report via the web console	4	
36	The proposed monitoring solution Should provide current and historical out- of-the-box reports for various statistics monitored	4	
	Advanced Reporting		
35	It should be easy to use and intuitive with drill-down features	Y	
34	It should quickly highlight devices with issues, based on different properties like response time, cpu load, memory usage, high interface usage etc.	4	
33	It Should provide a unified view of alerts, traps, events, syslog messages in a single page	Y	
	Graphical User Interface and Customization		
32	The proposed monitoring solution should support popular IP SLA operations, including: HTTP, FTP, DNS, DHCP, TCP Connect, UDP Jitter, VoIP UDP Jitter, ICMP Echo, UDP Echo, ICMP Path Echo, ICMP Path Jitter	1	

Mr

CFO/Head of Finance

Head of Administration

Director Works & Services

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56	Should be fully compatible with TLS 1.3, 1.2, without any dependency on TLS 1.1 or 1.0	Y	
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Faraz Ahmed Admin Div

M. Rashid Memon IT Div

SIGNATURE PC MEMBERS-SINDH BANK LTD

CFOIHead of Finance
Head of Administration

Director Works & Services \_\_\_\_\_

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## MINUTES OF THE OPENING OF THE TENDER (TECHNICAL /FINANCIAL PHASE)

TYPE OF PROCUREMENT

TYPE OF PROCUREMENT	ADMIN/IT/CONSULTANT/M	EDIA	
TENDER NAME	Supply and	Installation o	of Beatup
TYPE OF TENDER	SINGLE STAGE-ONE ENVELOPE / SINGLE STAGE-TV		stem (MMs)
OPENING DATE	06 08 25	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	ENVELOPE
OPENING TIME	111 30 pre.		
ATTENDANCE (MEMBER PC)			
	Chief Financial Officer		
	Head of Administration		
	Director Works & Service Sindh Madressatul Islam University		
<b>U</b> .			
	NAME	FIRM	
. ATTENDANCE (REPS. OF BIDDERS)	Azam Haida	To Live	BID OFFERED
	Fanhan Khakha		Ks. 39,758,
	- I wolder	Jupox	Ks. 79, 475, 94
			4
TOTAL BIDS ACCEPTED FOR EVALUATION			
TOTAL BIDS REJECTED			
ARKS			
	SIGNATURE PC	MEMBERS-SINDH BANK LT	D1
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	Director Works & Ser SAIU	vices	



## "Providing agility for the digital age" INBOX BUSINESS TECHNOLOGIES LIMITED

### FINANCIAL BID FORM/PRICE SCHEDULE

#### PRICE SCHEDULE

(Applicable for the year 2025-2026)

Name of Bidder Inbox Business Technologies Limited

Main Solution Offering - NMS with 3 Years Support TCO

S.NO	Item	Unit Price per Annum	Qty.	Price without GST/SST (PKR)	15% SST (PKR)	Total Price with SST (PKR)
1	Network Monitoring System (NMS) (750 nodes) license /Warranty/Support	21,680,396	1	21,680,396	3,252,059	24,932,455
	2 <sup>rd</sup> year subscription and/or Support Cost (750 nodes)	22,585,311	1	22,585,311	3,387,797	25,973,108
	3rd year subscription and/or Support Cost (750 nodes)	24,843,842	1	24,843,842	3,726,576	28,570,418
	*Yotal Amount (In PKR)			69,109,549	10,366,432	79,475,981

Total Bid Price for 3 Years Subscription/Warranty Support TCO - PKR 79,475,981/- with 15% SST in Sindh

SIGNATURE PC MEMBERS SINDH B

CFO/Head of Finance 4

Head of Administration .

Director Works & Services ...

SMIU

Head Office: 5th Floor, Dawood Center, M.T. Khan Road, Karachi. Islamabad: 16th Floor, 55-B, ISE Towers Blue Area, Islamabad. Lahore: Office No.4010 Delta 4, Arena Area, NASTP,

69 Abid Majeed Road, Lahore Cantt.
UAN: 111-551-551, Website: www.inboxbiz.com



**Stay Secure** 

SIGNATURE -

CFO/Head of Finance

Head of Administration

Director Works & Services

ANNEXURE "F"

8.6 FINANCIAL BID FORM/PRICE SCHEDULE

(Applicable for the year 2025-2026)

Name of Bidder

S.NO	Item Unit Price			Amount (PKR)	
1	Network Monitoring System (NMS) (750 nodes) license /Warranty/Support	PKR 12,043,616.50	1	PKR 12,043,616.50	
	2 <sup>nd</sup> year subscription and/or Support Cost (750 nodes)	PKR 13,215,746.50	1	PKR 13,215,746.50	
	3 <sup>rd</sup> year subscription and/or Support Cost (750 nodes)	PKR 14,499,235.50	1	PKR 14,499,235.50	
	*Total Amount (In PKR)				

\* To secure a fixed rate, Sindh Bank need to know the pricing for the second and third years.

This amount will be considered as only the "Bid Offered". Whereas be apprised that the successful bidder will be the one w hose "Evaluated Bid" is the lowest. (For further clarification refer Note 7. below)

The company will be considered disqualified from the very outset, if not GST registered.

2. The cost must include all taxes, stamp duty (as applicable under Stamp Act 1989) duly stamped on the contract agreement, installation, commissioning, transportation and labour charges.

No advance payment for the supply of equipment will be made, bills are only be processed for necessary payment on receipt of a certificate of delivery/satisfaction from the concerned officer.

Calculation of bid security. 5% of the \*Total Amount will be submitted with the tender document as bid security in shape of Pay Order /Bank Guarantee in favour of Sindh Bank Ltd.

5. In case it is reviled at any stage after installation of the equipment that the asked specification of the tender have not been met, the amount of the total installation of that specific equipment will be fined to the vendor with appropriate action as deemed necessary by the procurement committee

6. Qualified company will also be bound to sign a bond/undertaking that in case of any observation arising in respect of quality of the equipment within the warranty period, the company will be liable to address it at his own cost, non-compliance of the same will result into initiation of a case against the company for noncommitment.

Most Advantageous Bid is going to be the criteria for award of contract rather than considering the lowest bid offered, encompassing the lowest whole sum cost which the Procuring Agency has to pay for the services/items during contract period. SPPRA Rule 49 may please be referred. The successful bidder will be the one whose total sum of cost is the lowest. As it is package tender, so no partial lowest cost will be considered for award of any work.

All conditions in the contract agreement attached as Annexure G are part of this tender document.

The tender will be considered cancelled if the contract agreement after due signature is not submitted with Admin Office after 5 days of completion of bid evaluation report hoisting period (7 days) on SPPRA website.

10. The tender will stand cancelled if any of the given conditions of the tender in not met in strictly as per the requisite of the tender document.

11. In case the financial bids are the same, the successful bidder will be the one who has the highest turnover of the two bidders.

12. Pre Bid Meeting: Within one week (For Any Clarification)

13. Note. There can be subsequent modification or amendment to this specific tender for which it is advised to keep yourself abreast with the notification being hoisted on Sindh Bank Ltd. & SPPRA website regularly.

14. Signing of Integrity Pact is must at the time of signing of contract of award.

Signature & Stamp of Bidder

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