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ANNEXURE – A

DETAILS OF THE WORK TO BE CARRIED OUT IN RESPECT OF EXPANSION
OF THE EXISTING ALCATEL 4400 SYSTEM TO ALCATEL LUCENT OMNI PCX
ENTERPRISE RELEASE 10.0

S.No	Item	Qty
	<p>Up gradation and Migration of Existing Alcatel 4400 System to Alcatel-Lucent Omni PCX Enterprise release 10.0</p> <ul style="list-style-type: none"> - Red Hat Linux Operating System - TEC approved as IP Enabled PBX 	
A.	<p>Presently equipped as below:</p> <p><u>MAIN SITE</u></p> <ul style="list-style-type: none"> -30 Digital Extensions - 400 Analog Extensions - 40 Analog Trunk - 01 PRI Line <p><u>REMOTE SHELF – FACULTY OF PHARMACY</u></p> <ul style="list-style-type: none"> - 24 Analog Extensions <p><u>REMOTE SHELF – HAHC HOSPITAL</u> <u>FORMERLY KNOWN AS MAJEEDIA</u> <u>HOSPITAL</u></p> <ul style="list-style-type: none"> - 72 Analog Extensions 	01 Set
	<p>Expansion o be done as per details given below:</p> <p>MAIN SITE</p> <ul style="list-style-type: none"> - CPU3 replaced with CPU7-2 – 2 No’s (Hot standby) - Alcatel 4400 migrated to Enterprise Rel. 10.0 - ACT14 shelf replaced with ACT 28 shelf - 29 party meet me conference bridge – 1 No - PC based Operator console - 1 No - 150 Additional Analog Extensions - 70 Additional Ports against faulty Extensions in the existing system 	

	REMOTE SHELF – FACULTY OF PHARMACY - 128 Additional Analog Extensions - 4068 IP based Operator Console with Adopter -01	
	REMOTE SHELF – HAHC HOSPITAL (FORMERLY KNOWN AS MAJEEDIA HOSPITAL) - 320 Additional Analog Extensions - 4068 IP based Operator Console with Adopter -01 - WM1 cabinet replaced with M 2 Cabinet with ACT 28 Shelf - FCBC with 4 hrs. Battery back up REMOTE SHELF – HMS CENTRAL LIBRARY(NEW SITE) - 150 Analog Extensions - 4068 IP based Operator Console with Adopter -01 - M 2 Cabinet with ACT 14 Shelf and Controls Cards - FCBC with 4 hrs. Battery back up	
B.	850 Pair MDF	01

SUPPLY, INSTALLATION AND LAYING OF CABLE

S.No.	Description	Qty.
1.	Optic Fiber Cable (6 Core) a. Pharmacy to Admin Block b. Admin Block to HAHC Hospital c. HAHC Hospital to Central Library	1700 mtrs (approximately)
2.	HAHC to HIMSR (multi pair copper cable)	As per actual
3.	Jumper Wire	As per actual
4.	Fiber Termination Box	02
5.	Patch cord	36
6.	Connectors	36
7.	Splicing	36
8.	Laying and Digging of Cable	1700 mtrs (approximately)
9.	Installation & Commissioning	

<p>c.</p>	<ul style="list-style-type: none"> ■ Telephony features <ul style="list-style-type: none"> - Direct services access (voicemail, direct call, etc.) - Individual directory - Internal/external calls - Associate, definition/modification per user - Personal code - Casual and directed conference (maximum of 06 participants) - Waiting call consultation - Voicemail drop on forwarded set - Different ringing according to hierarchical levels - Internal/external enquiry call - Hunting groups - Call pick-up - Intrusion - Multi-redial list - Unanswered call list (internal/external) - Text messaging (sending/receiving) - Camp on busy extension/line - Hold ■ Teamwork services <ul style="list-style-type: none"> - Log-on, log-off - Manageable waiting queue - ACD functions - Exclusive hold - Common hold - Intercom group 	<ul style="list-style-type: none"> - Store and redial external number - Do not disturb - Abbreviated dialing/speed dialing - Multiple call protection - Automatic callback on busy trunk/bundle - Automatic callback on free/busy extension - Appointment reminder - Last number redial - Immediate call forwarding on busy/no reply - Unconditional call forwarding - Call forwarding to extension or hunting group, voicemail, attendant, etc. - Conditional external forwarding (busy or no reply) - Call waiting signal restriction for calls - Distinctive ringing (choice of ring tone) - Substitution - Over dialing - Blind transfer to voicemail - Transfer in conversation, on free/busy set - Broker's call - Hunting groups - Group call pick-up - Supervision of user, multiline appearance
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