

CORRIGENDUM

RFP ENQ. No. – OCAC-SEGP-MNT-0001-2018(P1)-19026

Request for Proposal for Comprehensive Maintenance with Facility Management Services of Networking and other infrastructure installed under Secretariat LAN Project at Odisha Secretariat Campus, Rajib Bhavan, Heads of Deptt. Building and other Govt. Offices in Bhubaneswar

Important :- The corrigendum and revised RFP are to be read, duly signed on each page and submitted along with the original RFP document published on the websites <http://www.ocac.in> and www.odisha.gov.in vide RFP Enquiry No.: - OCAC-SEGP-MNT-0001-2018(P1)-19026

S. No.	Page No.	RFP Clause No.	Clause Details	Remarks of OCAC
1.	12	5	Satisfactory Work Completion Certificates from the client + Copy of Work Order ; OR Copy of Work Order + Self Certificate of satisfactory work Completion certificate (Certified by the Statutory Auditor); OR Copy of Work Order + Phase Completion Certificate from the client for ongoing projects.	Amended as: Satisfactory Work Completion Certificates from the client + Copy of Work Order ; OR Copy of Work Order + Self Certificate of satisfactory work Completion certificate (Certified by the Statutory Auditor); OR Copy of Work Order + Phase Completion Certificate from the client for ongoing projects.
2.	76	Annexure-14	Indicative list of equipments/services with SLA Severity level to be monitored for uptime.	Provided at Annexure-B
3.	13	5	The bidder must attach Manufactures Authorization certificate & Back-to-back support letter from OEMs for providing Comprehensive Maintenance support and services of the OEM equipments covered under the RFP	Amended as: The bidder must attach Manufactures Authorization certificate & Back-to-back support letter from OEMs for providing Comprehensive Maintenance support and services of the OEM equipments covered under the RFP except AC and DG Set. Undertaking to be given to provide Service Support for Air

S. No.	Page No.	RFP Clause No.	Clause Details	Remarks of OCAC
				Conditioners and DG Set through Authorised Service partner only.
4.	15	B(III)	Asset Management Services	There is no tool available at IT Centre, Secretariat. The selected SI to manage the same through any tool convenient to them to produce the desired reports.
5.	41	XXIV	The tender sanctioning authority of OCAC may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier/ selected bidder, terminate the contract in whole or in part: -	Amended as: The tender sanctioning authority of OCAC may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier/ selected bidder, terminate the contract in whole or in part with a 30 days prior notice.
6.	41	3(a)	OCAC, by a Notice sent to the supplier/ selected bidder may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the supplier/ selected bidder under the Contract is terminated, and the date upon which such termination becomes effective.	Amended as: OCAC, by a Notice sent to the supplier/ selected bidder may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the supplier/ selected bidder under the Contract is terminated, and the date upon which such termination becomes effective with a 30 days prior notice.
7.	13	Chapter -2: ELIGIBILITY CRITERIA (Technical Capability)	The bidder must have executed at least one work order of Comprehensive onsite Maintenance of Networking equipments, Servers, SANs Firewall, Routers, Passive components & FMS of Data Centre and Local Area network consisting of at least 5000 Nodes having minimum order value of Rs. 80.00 Lacs per annum OR Must have executed two work orders with similar scope having minimum order value of Rs. 50.00 Lacs per annum each.	Amended as: The bidders must executed at least 1) Operation & Maintenance of LAN/WAN having 5000 Nodes. 2) Operation & Maintenance of Data Centre/ Server Firm (IT & Non-IT) Equipments. Having minimum one order value of Rs. 60.00 Lacs per annum. OR

S. No.	Page No.	RFP Clause No.	Clause Details	Remarks of OCAC
				Two work order Rs. 30.00 Lacs per annum.
8.	57	Annexure-3-TECHNICAL BID EVALUATION CHECKLIST (Manpower Strength)	The bidder should have support office at Bhubaneswar. Minimum 15 qualified support engineers preferably BE/B.Tech Degree or Diploma with CCNA or Graduate with CCNA certificate should be on company payroll. The list of such employees along with their PF number is to be enclosed in the prescribed format.	Amended as: The bidder should have support office at Bhubaneswar or to undertake to set up the Office at Bhubaneswar within 30 days of receiving the PO. Minimum 15 qualified support engineers preferably BE/B.Tech Degree or Diploma with CCNA or Graduate with CCNA certificate should be on company payroll. The list of such employees along with their PF number is to be enclosed in the prescribed format.
9.	13	5.9	The bidder must attach Manufactures Authorization certificate & Back-to-back support letter from OEMs for providing Comprehensive Maintenance support and services of the OEM equipments covered under the RFP	Amended as : Annexure-9. The detail is at Annexure-B
10.	15	B.I	Preventive Maintenance Services The TSP shall provide preventive maintenance services for all the equipments at least once in every quarter. The preventive maintenance shall include - i. Check for any loose contacts in the cables & connections. ii. Cleaning, removal of dust and dirt from the interior and exterior of the equipment.	Amended as: Preventive Maintenance Services: The TSP shall provide preventive maintenance services for all the equipments at least once in every quarter. The preventive maintenance shall include - i. Check for any loose contacts in the cables & connections. ii. Cleaning, removal of dust and dirt from the interior and exterior of the equipment. All equipment available at IT Centre and installed under Secretariat LAN in all the Departments.
11.	15	B.III	Asset Management Services	Clarification: Asset Management Services There is no tool available at IT Centre, Secretariat. The selected SI to manage the same through any tool convenient to them to produce the desired reports.

S. No.	Page No.	RFP Clause No.	Clause Details	Remarks of OCAC
12.	16	B.VI	Network and VPN Management Services	Clarification: Network and VPN Management Services There is no tool available at IT Centre, Secretariat. The selected SI to manage the same through any tool convenient to them to produce the desired reports.
13.	18	B.X	Help Desk Support (SPOC)	Clarification: Help Desk Support (SPOC) There is no tool available at IT Centre, Secretariat. The selected SI to manage the same through any tool convenient to them to produce the desired reports.
14.	47	1	The down time of all equipments / services shall be calculated either through NMS reports or from Help Desk Reports as per in annexure-13. Total % downtime will be calculated through following formula	Clarification: The downtime calculation is for only unplanned downtime.
15.	66 & 67	20	Price Schedule A Price Schedule B	Clarification: Corrected.
16.		Generic	AMC of the UPS	Clarification: Details provided at Annexure-B
17.	41	Xxiv(1)(a)	The tender sanctioning authority of OCAC may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier/ selected bidder, terminate the contract in whole or in part	Amended as: The tender sanctioning authority of OCAC may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier/ selected bidder, terminate the contract in whole or in part with a prior notice period of 30 days.
18.	41	Xxiv(3) (a)	for Convenience - OCAC, by a Notice sent to the supplier/ selected bidder may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of	Amended as: for Convenience - OCAC, by a Notice sent to the supplier/ selected bidder may terminate the Contract, in whole or in

S. No.	Page No.	RFP Clause No.	Clause Details	Remarks of OCAC
			termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the supplier/ selected bidder under the Contract is terminated, and the date upon which such termination becomes effective	part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the supplier/ selected bidder under the Contract is terminated, and the date upon which such termination becomes effective with a prior notice period of 30 days.
19.	18	X. Helpdesk Support	The TSP shall provide 24 x 7 help desk support from IT Centre to all SecLAN Users. For this purpose the TSP shall deploy ITIL Compliant helpdesk tools at IT Centre at no extra cost.	Clarification: There is no tool available at IT Centre, Secretariat. The selected SI to manage the same through any tool convenient to them to produce the desired reports.
20.	45	7. SLA Manpower Required	2 Helpdesk personnel, I for PBH and 1 for EBH	Clarification & amendment: Only two resources required during PBH.
21.	58	9. OEM Authorisation	The bidder must attach Manufactures Authorization certificate & Back-to-back support letter from OEM for providing Comprehensive Maintenance support and services of the equipments covered under the RFP	Clarification: Details provided at Annexure-B
22.	68	Price Schedule-C		Amendment: Revised Price Schedule and Specifications

Sd/-
General Manager(Admn), OCAC

Asset Register-Cisco2960X Switches

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
1	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1823A07L	15.0(2)EX5
2	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1823A095	15.0(2)EX5
3	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1823A08J	15.0(2)EX5
4	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1823A085	15.0(2)EX5
5	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1823A09B	15.0(2)EX5
6	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1823S15B	15.0(2)EX5
7	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1827A3W5	15.0(2)EX5
8	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1827A3ZY	15.0(2)EX5
9	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1827A40A	15.0(2)EX5
10	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1827A414	15.0(2)EX5
11	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1830A0M5	15.0(2)EX5
12	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1832S4J4	15.0(2)EX5
13	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1832W44Y	15.0(2)EX5
14	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1833S5TF	15.0(2)EX5
15	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1833S5TN	15.0(2)EX5
16	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1828S4UC	15.0(2)EX5
17	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1833S5V4	15.0(2)EX5
18	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1833S5XG	15.0(2)EX5
19	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1833S5YF	15.0(2)EX5
20	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FOC1833S5YP	15.0(2)EX5
21	CISCO Catalyst WS-C2960X-24PS-L	CISCO	2960X	FCW1924A1DD	15.0(2a)EX5

Asset Register-HP A5120 EI Switches

Sno	Description of Asset	Make	Model	Serial Number	Firmware/IOS
1	HP 5120 EI Switch	HP	A5120 EI	CN3BBYV08J	Version 5.20
2	HP 5120 EI Switch	HP	A5120 EI	CN31BYT149	Version 5.20
3	HP 5120 EI Switch	HP	A5120 EI	CN31BYT0W5	Version 5.20
4	HP 5120 EI Switch	HP	A5120 EI	CN31BYT122	Version 5.20
5	HP 5120 EI Switch	HP	A5120 EI	CN31BYT0RY	Version 5.20
6	HP 5120 EI Switch	HP	A5120 EI	CN31BYTONJ	Version 5.20
7	HP 5120 EI Switch	HP	A5120 EI	CN31BYTONG	Version 5.20
8	HP 5120 EI Switch	HP	A5120 EI	CN31BYT0QC	Version 5.20
9	HP A5500-24G-SFP Switch	HP	A5500-24G-SFP	CN30B9R00R	Version 5.20
10	HP 5120 EI Switch	HP	A5120 EI	CN31BYT0MS	Version 5.20
11	HP 5120 EI Switch	HP	A5120 EI	CN31BYT127	Version 5.20
12	HP 5120 EI Switch	HP	A5120 EI	CN31BYT16H	Version 5.20
13	HP 5120 EI Switch	HP	A5120 EI	CN31BYT146	Version 5.20

Asset Register-Cisco 2960S Switches

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
1	WS-C2960S-24TS-L	CISCO	2960S	FOC1732W5AA	12.2(55)SE7
2	WS-C2960S-24TS-L	CISCO	2960S	FOC1732W58S	12.2(55)SE8
3	WS-C2960S-24TS-L	CISCO	2960S	FOC1723Z68R	12.2(55)SE9

Asset Register-Cisco Wireless Controller & Accesspoint

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
3	Wireless Controller	Cisco	AIR-WL-C2106-K9	JMX13114042	
4	WL AP	Cisco	AIR-LAP1252AG-N-K9	FCW1312Z002	
5	WL AP	Cisco	AIR-LAP1252AG-N-K9	FCW1312Z003	

Asset Register-Cisco Power Injector

Sno	Description Of Asset	Make	Model	Serial Number
1	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1439824T4
2	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMTV
3	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AN27
4	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZW8
5	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZZ7
6	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMTH
7	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMTQ
8	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZR0
9	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZX0
10	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH143AN0H
11	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14118JZX
12	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMVT
13	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZSR
14	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMT4
15	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZYA
16	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMSJ
17	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMY4
18	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1439903
19	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZQ1
20	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZVX
21	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZT6
22	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14398ZPS
23	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1439900G
24	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1436AMVL
25	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1303BERD
26	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1303BEWF
27	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1300BFA1
28	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1303BEUB
29	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1303BEWZ
30	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1303BEYR
31	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1303BEWQ
32	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH1303BEXO
33	Cisco Power Injector	CISCO	CP-PWR-INJ	FCH14399003

Asset Register-Cisco Router

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
1	Router	Cisco	CISCO 2811	FHK1129F42C	Version 12.4(9)

Asset Register-HP Blade Chassis

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
1	HP-C7000	SGH32803D	09SGH32803DF	686611-B21	

Asset Register-HP Blade Servers & Switches

Sno	Description Of Asset	Make	Model	Serial Number	Memories
1	Blade Server, Processor: Intel(R) Xeon(R) CPU E5-2450 0 @ 2.10GHz (8 Cores)	HP	ProLiant BL420c Gen8	SGH32802T3	32768 MB
2				SGH32802T5	32768 MB
3				SGH32802T8	32768 MB
4				SGH32802TL	32768 MB
5				SGH32802TD	32768 MB
6				SGH32802TH	32768 MB
7				SGH32802TB	65536 MB
8				SGH32802TF	65536 MB
9				SGH32802TR	65536 MB
10				SGH32802T7	16384 MB
11				SGH32802TT	16384 MB
12				SGH32802TN	16384 MB
13	Blade Switch	HP	HP ProCurve 6120XG Blade Switch	3C431200Y9	
14				3C4311013F	

Asset Register-HP SAN with SAN Switches

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
1	Storage (SAN 20 TB) with controller and SAN Switch	HP	HP 2000	2S6327B007	
2	SAN Switches	HP	HP B-series 8/24c SAN Switch BladeSystem c-	CN8324B04A	
3				CN8324B04W	

Asset Register-On-Line UPS

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
1	10 KVA On-Line UPS with 12 Volt 75 AH SMF Batteries (36 Nos.)	Numeric	10 KVA	IV065202804	
2	10 KVA On-Line UPS with 12 Volt 75 AH SMF Batteries (36 Nos.)	Numeric	10 KVA	IV091102155	
3	80 KVA ON-Line UPS with VRLA Batteries (2 Volt 240 Nos.)	Consul Neowatt-	FALCON 5K	20153300042102	
4	80 KVA ON-Line UPS with VRLA Batteries (2 Volt 240 Nos.)	Consul Neowatt-	FALCON 5K	20153200041765	

Asset Register-DG Set

Sno	Description Of Asset	Make	Model	Serial Number	Firmware/IOS
1	200 KVA DG Set with AMF panel	Sterling	200 KVA	GF12ZBO287	

Revised Price Schedule and Specification

1. COMMERCIAL/FINANCIAL BID

Tender Inviting Authority : OCAC

Name of the Work : AMC & FMS of Networking & Equipments of IT Centre, Secretariat

Contract No:

Ref no:

Bidder Name:

Price Schedule

Price Schedule- A : AMC charges for three years .

SL	Item Description	Make & Model	Qty	Unit Rate (INR) for 1 year	Rate (INR) for 3 years	GST (INR)	Total Amount (INR)
	(1)	(2)	(3)	(4)	(5=(4*3)*3)	(6)	(7=(5+6))
1	Chassis	HP, C7000	1				
2	Blade Server	HP BL420C, Gen8	12				
3	Storage (SAN 20 TB) with controller and SAN Switch	HP 2000	1				
4	Edge Switch (L2) with modules	Cisco WS-2960X	21				
5	Edge Switch (L2) with modules	Cisco 2960S	3				
6	Edge Switch (L2)	HP A5120/A5500	13				
7	Power INJ	Cisco CP-PWR-INJ	32				
8	ROUTER	CISCO - 2811	1				
9	WIRELESS CONTROLLER	CISCO - 2100	1				
10	Access Point	CISCO-LAP 1252 AG	2				
11	UPS 10KVA (Online)	Numeric	2				
12	200 KVA DG Set with AMF Panel	Sterling	1				
13	80 KVA ON-Line UPS with VRLA Batteries (2 Volt 240 Nos.)	Consul Neowatt	2				
14	11 Ton Ductable Split AC	Carrier	2				
15	4 Ton Tower AC	Carrier	3				
16	2 Ton Split AC	O'general/Voltas	2				
17	1.5 Ton Split AC	LG	2				
18	2 Ton Window AC	Blue Star	1				
Total in figure							
Total in words							

Price Schedule- B : FMS Manpower charges for three years .

SL	Item Description	Qty	Unit Rate (INR) for 1 year	Rate (INR) for 3 years	GST (INR)	Total Amount (INR)
	(1)	(2)	(3)	(4=(3*2)*3)	(5)	(6=(4+5))
1	Project Manager/Team Leader at IT Centre	1				
2	System/Network Administrator at IT Centre	2				
3	Security Administrator at IT Centre	1				
4	Server/Database Administrator at IT	1				
5	Helpdesk Assistant	2				
6	Customer Support Engineer (Hardware/Networking) at IT Centre	11				
7	Customer Support Engineer (Electrical at IT Centre	3				
8	Passive Engineer at IT Centre	2				
9	Peon/Assistant	1				
Total in figure						
Total in words						

Price Schedule C : Network Switch, Passive Materials and other accessories

Sl. No.	Item Description	Make/ Model	Unit	Qty	Unit Rate (INR)	Total (INR)	GST (INR)	Total Amount (INR)
	(1)	(2)	(3)	(4)	(5)	(6=5*4)	(7)	(8=(6+7))
1	24 port Layer 2 Managed PoE switch as per Technical Specification at Annexure-15		No.	36				
2	CAT6 UTP Cable		Mtr.	21600				
3	CAT6 UTP Patch Cable 3 Mtrs.		No.	720				
4	CAT6 UTP Patch Cable 1 Mtr.		No.	720				
5	24 port CAT6 Patch Panel		No.	36				
6	CAT6 Information Outlet with SMB		No.	720				
7	Fiber Pigtail SC (Single Mode)		No.	216				
8	Fiber patch cable SC (Single Mode) 3 Mtr.		No.	72				
9	12 port fiber LIU (Rack Mount type) with coupler		No.	18				
10	24 port fiber LIU (Rack Mount type) with coupler		No.	18				
11	9U Network Rack with Cable Manager, Power Manager, Exhaust FAN and Mounting Nuts and accessories		No.	36				
12	12 Core direct burrial outdoor Fiber cable (Single Mode)		Mtr.	2000				
13	Splicing Drum		No.	18				
14	Fixing and wiring of UTP Patch panel		No.	36				
15	Fixing and wiring of Information Outlet		No.	720				
16	Fixing of fiber LIU		No.	18				
17	Splicing of Fiber cable		Core	216				
18	UTP Cable pulling, laying and wiring using PVC pipe/Casing wall plug and screws		Mtr.	21600				
19	Fiber cable pulling, laying digging the soil making the trench refilling the soil using HDPE pipe		Mtr.	2000				
Total in figure								
Total in words								

Note:

- 1. The Quantities mentioned are indicative quantities and shall be used for financial evaluations. The actual quantity ordered shall vary depending on the requirements.**
- 2. Prices of the above materials are to be valid for three years.**
- 2. The authorized Officials of IT Centre, Secretariat shall raise the indent as per requirement during the contract period of three years as and when required.**
- 3. The selected firm shall supply the material, install the same as per instructions of the Officials of IT Centre and raise the bill as per actual material supplied and work done in quarterly basis along with the indent raised and accepted by the Officials of IT Centre, Secretariat.**

Price Schedule D : UPS (On-Line & Line Interactive)

Sl. No.	Item Description	Make/ Model	Unit	Qty	Unit Rate (INR)	Total (INR)	GST (INR)	Total Amount (INR)
	(1)	(2)	(3)	(4)	(5)	(6=(5*4))	(7)	(8=(6+7))
1	3 KVA Online UPS with 30 Minutes Battery Backup as per Technical Specification at Annexure-16		Nos.	9				
2	1 KVA Line Interactive UPS as per Technical Specification at Annexure-17		Nos.	94				
	Total in figure							
	Total in words							

Price Schedule E : Summary of financial Bid

Item No.	Item Description	Price quoted (In Rupees)
1.	2.	3
1	Total Price Schedule A.	
2	Total Price Schedule B	
3	Total Price Schedule C	
4	Total Price Schedule D	
	Grand Total (Figure):	
	Grand Total ((Words):	

2. Annexure-15:

Technical Specification of 24 Port Layer2 Managed PoE Switch

Make:

Model:

Sl. No	Specification	Complied (Yes/No)	Deviation (If Any)
1.	Switch architecture should be Fixed Form factor.		
2.	Switch should have wire-speed, non-blocking and distributed forwarding on all the ports.		
3.	Switch should have minimum of 24 x 10/100/1000 Mbps RJ45 plus 2 x 1 / 10G SFP+ uplink ports with 2 Nos. 10G SFP+ Transreceiver (SM) module from day one. Note: - The modules asked in the RFP are required from Day 1 Should have minimum stacking bandwidth of 40 Gbps or more (in addition to above asked ports and bandwidth) and stackable up to 8 units in a single stack from day-1		
4.	Switch should have wire speed of data switching capacity and forwarding throughput (Mpps)		
5.	Switch should support min 16 K MAC addresses and min 1000 active VLANs.		
6.	Switch should have full Layer 2 features and support spanning tree protocols standards like STP (IEEE 802.1d), MSTP(IEEE 802.1s), RSTP (IEEE 802.1w) etc ., LACP/IEEE802.3ad, ACL, QoS and IGMPv1/v2/v3 from day one.		
7.	The switch should support IEEE 802.3az standard		
8.	Switch should have Static Routing for IPv4 & IPv6 from day1.		
9.	Should support 1K IGMP Groups.		
10.	All Ethernet Ports should be PoE & PoE+ enabled with 370W PoE Power budget.		
11.	Should support 8 queues per port and security protocols like RADIUS, TACACS/TACACS+, AAA & SSH.		
12.	The OEM must feature in the Leaders/ Challengers segment of the Gartner Magic Quadrant for Data Center Enterprise Networking published in year 2018.		
13.	Switch should be quoted with 5 years direct OEM TAC support and Next Business Day hardware shipment.		
14.	Proposed Switch family or Switch OS should be EAL2/ EAL3 / NDPP certified		
15.	Equipment's should be minimum TEC Certified or IPV6 Ready Logo Certified. IPV6 Routing & Management features should be active from Day-1.		
16.	Comprehensive Onsite OEM Warranty for 5 Years		
17.	Note: All the required licenses for making the Switches fully functional should be bundled		