



FOREST HEADQUARTERS, ODISHA
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS
ARANYA BHAWAN, BHUBANESWAR-23

Office Order No. 1154 / GIS-15/2014, Dtd. 19th October, 2015

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In pursuance to the relevant PBQ received by e-mails and the PBQ Meeting Held with the bidders on 14th October 2015, the following clarifications only as addenda and corrigenda are issued keeping other relevant contents of the RFP unchanged and the RFP No 1095 Dtd. 5th October stands limited modified accordingly as under:

Modified Event Schedule:

Last Date and Time of Bid submission (By Hand or Speed Post or Courier)	4 th November 2015, 04.00 PM
Date & Time of General Bid opening	5 th November , 10.30 AM
Date of Technical Bid Opening	5 th November , 12.30 PM
Date of Financial Bid Opening	Will be duly notified after Technical Bid Opening

Addenda and Corrigenda as Changes in various Sections of the RFP

No-1095, Dtd. 5th October 2015:

Section - I

(Invitation for Bids)

1.1 Objective

Conservator of Forests, GIS, (The Authorized Officer) invites Request for Proposals (RFP)/ Tender on behalf of the Principal Chief Conservator of Forests (PCCF), Odisha, (the Purchaser) , sealed quotations/bids from experienced and competent System Integrators (Bidder) to Supply IT

HW , SW , Climatic Control and Power Supply System Equipments as defined in this tender document only , correctly named as:

As per the Specifications and T & C in this RFP/ Tender, to Supply, Install, Commission IT HW, SW, Networking, Climate Control And Power Supply Equipment Systems for the Server Room of FITGC with Five Years of Full Comprehensive Warranty Service and Support; in the Office of PCCF Odisha, Bhubaneswar, within 6 (Six) Weeks from the date of issuing supply order.

1.3 : About the Tender Process:

- H. The tender is to be submitted as instructed and defined in this revised tender paper only along with the relevant annexures dully filled (As per Corrigenda issued on 19th October, 2015).
- I. In this tender OEM means “Original Equipment Manufacturer” only and all Hardware and Software are treated as Equipment.

Section - II

(Eligibility criteria)

The Bidder must satisfy all the following General and Technical Eligibility Criteria to participate in this Tender:

1. General Eligibility Criteria (Necessary support documents are to be enclosed):

- E. Average annual turnover in IT HW/SW Supply and Service Segment of the bidder for last 3 (Three) financial years ending on 31 March, 2015, should not be less than Rs. 4.00 Crores (Four Crores of Indian Rupees). Copies of Filed Audited Statements, IT Returns, Sales Tax Returns, VAT / CST Returns and Service Tax Returns etc. are to be submitted to corroborate this. Along with other documents of proof, the bidder to must submit the Firm's Bank Accounts Statements / Quarterly Abstracts of the Accounts Statements for above three years, issued by the concerned bank / banks for three above financial years which are only linked the Income Tax PAN of the Company / Firm.

Note: Affidavits from F- H can be submitted under one Notarized Affidavit.

2. Technical Eligibility Criteria: (Necessary support documents are to be enclosed)

- B. All OEMs whose products are offered by the bidder must have their valid ISO 9001:2008 Certifications, and each of the OEM must be Registered and Operating as a Company in India for more than 5 (Five) Years in Enterprise IT Segment.

Section - III

(Scope of Work)

The scope of work involves the Supply, Installation, Testing, Commissioning and Providing Full Comprehensive five years onsite warranty services and support for all the following items **without any exclusions** for the Server Room of PCCF Odisha in Table-1 ; and **commissioning of all the supplied items within 6 (Six) Weeks from the date of the issue of the supply order.**

Table-1: IT Hardware, SW, Networking, Power and Climatic Control Equipments to be procured For FITGC Server Room: (It is to be noted that the SI must quote for all items in the Table-1 and Exclusion of any item shall lead to Rejection of the Bid)

Sl. No	Name of the Items	Qty. Required	Condition / Use / Functionality	
1	2 x 8 GB DDR4 Server RAM Modules	16 GBs	All items Should be Fully Compatible to Hp DL360pGen-9 Rack Servers Available under DGSnD Rate 2015. OEM/OEMs of the relevant supplied items should certify the compatibility of the items with the above Server before supply and installations of all the items in the Servers. It is the SI/Bidder who is fully responsible for full compatibility and full compliant installations of all items on the above server.(Refer Tech Spec from Hp) Note: The Windows Stack Comprises 5 numbers of above Rack Servers on Windows Server and the Linux Stack Comprises above 6 numbers of Servers on RHEL-7. All the servers in the Server Room of FITGC in two numbers of 42U Integrated Racks. All OS is of 64 Bits.	
2	64 x 4 GB DDR4 Server RAM Modules	256 GBs		
3	SATA Server HDD Storage: For DRBs	19 TBs: 7x2+5x1TB		
4	Win. Server 2012 R2 Std. OS	5 Nos		
5	Win. SQL Server 2012 Std. RDBMS	6 Nos		
6	RHEL-7 OS	6 Nos		
7	Team Viewer Enterprise (Corporate) SW on Server on Windows	1 Nos		
8	Server Farm Switch : 24-port 10G Managed Stackable (24 x 1/10G SFP+ fully populated with 10G-SR modules, 2 x 1G UTP, Redundant P/S and Cooling)	2		
9	Access Switch: 24-port Managed Stackable	2		
10	UTM Firewalls: (2 x 10G SFP+ fully populated with 10G-SR, 4 x 1G UTP, Redundant P/S)	2		
11	42 U integrated chilled / self-cooled & contained racks (2 x 42U Rack and built in 1 x 16-port IP KVM set, with all accessories to populate the server farm)	2		
12	Rack mountable Online UPS of 20 KVA; with batteries for minimum 60 minutes backup : (1 UPS / Rack)	2		
13	2 Tons Split AC with Climate Control System.	3		To be Fitted in the Server Room
14	70 KW Rated output (equivalent KVA) Cummins Engine Silent DG Set with Auto Main Failure Switchover (AMFS) Functions etc.	1		To be installed and Commissioned in the Premise of PCCF's Office
15	Chemical Earthing and Lightning Protection Gears with all Electrical Wirings:	4 Pits with Conductors and Arrestors On LS		

Bidders to Ensure the Followings while supplying the items and in executing the contract:

- a) Bidders should quote for **all the items with full and comprehensive warranty services and support for 5 (Five) Years as in Table-1**. Purchaser reserves the right to procure any of the items or all items or more or less or nothing than the indicated quantity of any items, depending upon the requirement of the purchaser.
- b) The type and quantities of items indicated in the tender document are provisional and may change as per the actual requirement.
- c) The selected bidder is required to supply and install **all the items** at FITGC at the O/o PCCF-Odisha, Aranya Bhawan, Chandrasekharpur, and Bhubaneswar-751023.

Section – IV

(Instruction to Bidders)

2. All the items for the above supply, installation, and commissioning **shall be completed within 6 (Six) Weeks from the date of issue of purchase/work order positively without fail**. Time overrun for installation and commissioning may lead to imposition of fine by the Purchaser @ 0.5 % of Bid Value per Week of Time Overrun.
12. The bidders must furnish all information and documents as required in the General, Technical and Financial Bids and its failure shall lead to the rejection of the bid.
28. Verbal clarification and/or information given by the purchaser or its employees or representatives shall not be binding on the purchaser. **Exemptions / Relaxations granted by the Government to MSEs on tenders will be extended only to the eligible bidders who are registered under MSEs Category and if and only if the majority (more than two third i.e. 66% of the value of the quoted products) of the products quoted by the bidder in the tender must be manufactured in-house as per the clause of “Approved Items of Production” in the Registration Certificate of his MSE. Valid documents in this regard must be supplied by the bidder to claim Exemptions / Relaxations under MSME.**

Section - V
(General Terms & Conditions)

5. TERMS OF PAYMENTS

- A. **80 %** of the contract price (i.e. cost of the Items actually supplied) shall be paid within 90 days of successful delivery, Installation, Testing and Commission of all the HW, SW, Equipments at sites with certification thereof by designated departmental authority and OEMs of supplied hardware and SW on the letter head of OEM and on submission of PBG and bill by the Bidder / SI.
- B. **20 %** of the Contract Price within 2 (Two) Years; from the date of Commission with the satisfactory performance of all the supplied items as a System under full warranty support and services as defined in the Technical bid Criteria.

Section - VI
(Technical Specifications)

A. Specifications of the SW , Networking and Power Equipments for Server Room:

- 1. Windows Server 2012 R2 Std. 64 Bit** (As per the latest spec of OEM), with all Updates, patches and periodic tuning for 5 Years.
- 2. Windows SQL Server 2012, Std. 64 Bit** (As per the latest spec of OEM), with all Updates, patches and periodic tuning for 5 Years.
- 3. RHEL-7, 64 Bit, 9-5 Support** (As per the Latest spec of Red Hat Linux Distro/ OEM), with all Updates, patches and periodic tuning for 5 Years.
- 4. Team Viewer Enterprise (Corporate), 64 Bit , On Linux Server Version** (As per the Spec of the OEM)
- 5. DDR4 RAMs:** As mentioned in the BOM, and in conformity with the Compatibility Spec of Server OEM (Hp)
- 6. SATA HDDs :** 2 TB and 1TB Enterprise Class Server SATA HDDs (7x2TB + 5x1TB) , in conformity with the Compatibility Spec of Server OEM (Hp)

7. Server Farm Switch:

Sl. No	Minimum Specifications	Compliance (Yes/No)	Remark(S)
20	Should have 5-years 24x7 warranty from OEM		

8. Access Switch:

Sl. /No	Minimum Specification	Compliance (Yes/No)	Remark(S)
15	Should have 5-years 24x7 warranty from OEM		

9. UTM Firewall:

Sl. /No	Minimum Specifications	Compliance (Yes/No)	Remark(S)
13.3	Should have 5-years 24x7 warranty from OEM.		

10.

B. Integrated Features of 42 U Racks:

Sl. No	Minimum Specification	Compliance (Yes/No)	Remark(S)
1	Racks should be intelligent and should have features and provisions to accommodate minimum one 4U rack mountable 20 KVA UPS and it must have the integrated Precision cooling units of minimum 10 KW , Fire detection and Fire Suppression system, environmental monitoring etc.		
2	The Intelligent integrated rack should be Minimum 800mm width & 1000mm depth and 400 mm extra space at front and back for Cold aisle & hot aisle containment.		
3	Racks should be equipped with In-rack closed loop precision step less cooling system having inbuilt heater & humidifier which should be able to cool		

	the equipment's uniformly right from 1st U to 42nd U. The outdoor unit should have super digital inverter scroll based compressor to ensure high efficiency.		
4	Power distribution: 32A vertical rack mount PDU of type IEC C13 and IEC C19 combination. Each rack to be supplied with 2 no's of such PDUs.		
5	Fire Detection and Suppression: Should be mounted in rack adjacent to Smart Racks to avoid any usable U space consumption an In-rack built-in feature of solution. It should have access sensors and fire suppression unit and the fire suppression agent should be NOVEC 1230 Gas as per NFPA guidelines. The fire suppression unit should be mounted in the adjacent panel.		
6	Rack should be provided with 1 no 16-port IP KVM set suitable for in-rack deployment with 17" LCD and cables for all 16 ports to connect the servers as in compatible to item no 11 of the preceding table A.		
7	Environment control system should include: Smoke detectors, Water leak detection system, Temperature/Humidity sensor, Motion sensor / detector (for activities around the rack), Door sensor and Forced intrusion Detection and Alarm system and Rodent Control and repellent System.		
8	5-years of full comprehensive warranty and maintenance.		

11. 20 KVA Rack Mountable Online UPS

General Description: Supply, installation, testing and commissioning of true online, double conversion, high efficiency, and high power factor Uninterruptible Power Systems (online rack mountable UPS) rated at 20 KVA – 2 sets with battery backup support for minimum 60 minute with each UPS as required. The backup batteries should be supplied with the necessary arrangements to mount outside the cabinet integrated Rack through secured cabling.

Scope:

- All Server racks will get power feed from two independent and integrated rack mountable 20 KVA UPS systems to ensure redundancy (on Cross-Over Mode).

Specification / features of the Each UPS system are as follows:

- Batteries to support 60 minutes full load backup for each UPS.

12. Minimum 70 KW Rated Power Output Silent and AMFS DG Set:

Warranty and Support: Full Warranty and Support for minimum **5 Years** and Optionally Extensible by the Client for further 2 Years.

Section VII
(Annexures)

Note:

1. **All the Annexures pertaining to Bidder's Firm are to be signed by Executives not below the Rank of a Director / Power of Attorney Holder of the Company or the Promoter himself if the Bidder's Firm is proprietorship firm.**
2. Bank Guarantees may be issued by the Nationalized Bank on their standard format for Govt. Tenders as in vogue , but it must fulfill all the requirements of the T & C of this Tender.

STATEMENT OF TECHNICAL COMPLIANCE & DEVIATION (Tech Bid)

Sl. No.	Specs as per RFP	Brand, Mfg. Yr. , Model No, Part No. of the Offered Item	Compliance to RFP Spec (Yes/No)	Major Deviations, if any	Performance Impact (PI) due to Deviation	PI Certified by	Reason for Choosing the Item

Signature of the Bidder with Seal

Note:

- 1. Major Deviation means absence of a feature mentioned in the Specs or 20% or more Performance degradation from the minimum specified value in the specifications.**
- 2. Certification of Performance Impact due to Deviations from the Specifications shall be issued only by domain professionals having the domain experience related to the item / items for more than 10 years in organized sector or professional bodies and preferably having valid Professional Certifications on the required Domain or by Labs of Nationally Recognised Professional Bodies or National Level Government Technical Institutions in India primarily dealing with the item's domain.**
- 3. Necessary Credential of the Person or Institutions Certifying Performance Impact due to Deviation is to be enclosed for further authentication if necessary.**

FINANCIAL BID FORMAT (Fin Bid)

Amount in Rupees including the cost of Comprehensive Warranty, Support and Services for Five Years as defined in the Technical Eligibility.

Sl. No.	Items	Brand, Mfg. Yr. , Model & Part No	Quantity	Unit Cost	Pre-Tax Total Cost	Tax at current Rate	Total Cost With Tax
1							
2							
3							
4							
Total Cost (In Figures)							
Total Cost (In Words)							

Signature of Bidder with Seal

Annexure-10**FINANCIAL BID FORMAT (Fin Bid)**

Buyback Price Offered for the Old Servers and UPS in FITGC:

Sl. No.	Item Details	Quantity	Price Offered
1	One Tower Server	1	
2	UPS 10 KVA	1	
3			
Total			

Signature of Bidder with Seal

Note: Bidders are requested to inspect the Items on an "as and where" basis at FITGC, O/o PCCF Odisha

End of the Addenda and Corrigenda of the RFP No-1095, Dtd 5th October 2015, of PCCF Odisha.

-Sd/-

Conservator of Forest, GIS
Forest Hqrs. Odisha, Bhubaneswar