

Bid Document

For

**Comprehensive Annual Maintenance Contract for 3 years of
DDMA, Rudraprayag's Wireless Intranet Communication
project including
24 X 7 Technical Manpower for Operation & Management**

**DISTRICT DISASTER MANAGEMENT AUTHORITY,
DISTRICT COLLECTORATE, RUDRAPRAYAG - 246171,
UTTRAKHAND**

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IMPORTANT INFORMATION

Non-refundable Bid document cost	Rs.1000/- (Rs. One Thousand only) in the form of demand draft from a scheduled bank, drawn in favor of “ DISTRICT MAGISTRATE, RUDRAPRAYAG”, payable at Rudraprayag to be enclosed with technical cum financial bid.
Availability of the Bid Document	The bid document can be downloaded from OFFICIAL website i.e. www.rudraprayag.nic.in . However such bidders are required to submit the non refundable bid document cost along with the EMD at the time of submission of the bids.
EMD	Rs. 1,00,000/- each in the form of Demand Draft in favour of DISTRICT MAGISTRATE, RUDRAPRAYAG”, payable at Rudraprayag to be enclosed with the technical bid
Last date for submission of bids	21/12/2016 at 3:00 PM
Opening of Technial bids	21/12/2016 at 4:00 PM
Language of the bid	This bid should be filed in HINDI OR ENGLISH language only. If any supporting documents submitted are in any language other than HINDI OR ENGLISH, translation of the same in HINDI OR ENGLISH language is to be duly attested by the bidder.

1. INTRODUCTION:

a. District Disaster management Authority, Rudraprayag been declared as nodal agency to invite proposals for the following:-

I. Engagement of an agency for providing the Comprehensive Annual Maintenance Contract (CAMC) for 3 years of DDMA's Local wireless intranet communication project established between Kedarnath to DHQ Rudraprayag linked to SEOC, Dehradun.

II. Engagement of agency to provide technical resources/manpower for operation & management (manpower) for different e services like video conferencing, hot line communication, e- surveillance facility, wi-fi internet for pilgrims enroute through ILL etc. in Kedarnath valley, DHQ Rudraprayag and at SEOC ,Dehradun.

b. Both the contracts will be awarded to a single vendor.

c. The List of the deployment site is provided at **Annexure 1**.

2. SCOPE OF WORK

a. The broad scope of work involves the following:-

I. Comprehensive Annual maintenance of DDMA's Local wireless communication intranet hardware and its peripherals like Base stations, servers/storage, UPS, etc. The list of the equipment installed is attached at **Annexure 2**.

II. Providing of Technical resources/manpower for Operation & management of Intranet project with other E services and other day to day hardware related issue. The list of the manpower required is attached with **Annexure 3**.

b. The engagement shall be for an initial period of three years which may be further extended by the office of DDMA for the fourth and fifth year on the same terms and conditions.

c. **The detailed scope of work is given at clause no. 5 below.**

3. KEY ACTIVITIES:

The schedules of activities for the purpose of RFP are outlined below: -

S.No.	Key Activities	Date & Time
1	Last date & Time of submission of Proposal	21/12/2016 3:00 PM
2	Opening of technical bid	21/12/2016 4:00 PM
3	Bidder Presentation (if required)	21/12/2016 5:00 PM
4	Opening of financial bid	22/12/2016 11:00 AM

Note:

- a. DDMA, Rudraprayag shall not be responsible for any postal delay about non-receipt/non-delivery of the documents.
- b. Any modification in the bid document shall be made by the office of DDMA, Rudraprayag exclusively through the issue of an Addendum/corrigendum on our website www.rudraprayag.nic.in.

4. ELIGIBILITY CRITERIA

I. General eligibility criteria

- a) The Bidder should have the capability to implement projects in terms of industry experience, requisite manpower of required qualification and experience, project/facility management skills and quality/level of work.
- b) The bidder should not have been blacklisted by any central/state government department/organization in the last three years. (Attach self attested certificate with the technical bid)

II. Minimum Eligibility criteria for bidder quoting for CAMC.

- a) The bidder should be a single entity and must be a registered firm/ company. The bidder is required to attach a copy of the Registration Certificate with the technical bid.
- b) Consortium is not allowed to participate in this bid.
- c) The bidder must have a minimum of 03 years experience in the CAMC and experience of minimum of 03 years in maintaining IT infrastructure in all the areas as specified in this bid document to be considered from the date of issue of the Notice inviting tender. (Photocopy of related purchase orders to be enclosed).
- d) The bidder must be profit making for three financial years i.e. 2013-14, 2014-15 and 2015-16.
- e) The bidder's must have executed a project worth more than 50 lacs individually in the domain of network communication/ enterprise access solution with e- securities for any Govt./PSU organizations. Purchase orders/ certificate of such kind of work(s) must be attached with the technical bid.
- f) The bidding firm/ company should be solvent with a solvency of Rs 25 lacs as on 31.03.16. A certificate from the CA is required to be attached with the bid. If the bidder attaches a certificate from its banker certifying its solvency, then the same must be counter certified by their CA.
- g) The bidder should have compliance with ISO/CMMI level Standards for executing such type of network based project. A copy of such certificates must be accompanied with technical bid.
- h) The bidder must have a TIN registration number and PAN number. Please attach a copy of the same with the technical bid.

- i) Consortium is not allowed to participate in this bid.
- j) The bidder must have a Service Tax registration number and PAN number. Please attach a copy of the same with the prequalification cum technical bid.

5. THE SCOPE AND RESPONSIBILITY

A. Scope and Responsibility of the vendor is as under:-

i) Comprehensive Annual maintenance of Local Intranet Network

- a) The bidder is required to provide comprehensive annual maintenance services at all the Deployment places as listed at **Annexure 1** and any other site where the communication network has been installed/available.
- b) The existing list of equipments like base stations, guy's mast , internet kiosks, UPS, IP cameras etc., Which are to be brought under CAMC is enclosed at **Annexure 2**.
- c) The maintenance (both preventive and well as corrective) shall cover providing of prompt services for rectification of fault, replacement/repairs of specified component.
- d) The systems/equipment may undergo minor changes due to shifting of various equipments, additions or deletions at the time of signing of contract or during the currency of the contract.
- e) Even though efforts have been made to provide the complete detail of the hardware and related peripherals to be covered under this contract, however, the actual number of equipment to be covered under warranty may vary by +/- 5% at the time of awarding of contract.
- f) The successful bidder on some occasions shall be required to provide maintenance services on 24 X7 including nonworking days or beyond office hours on working days so as to meet emergency situation. The successful bidder shall ensure the availability of the service of engineers on such occasion.
- g) The successful bidder shall take preventive maintenance of the systems under CAMC every Month. A schedule for such preventive maintenance shall be finalized with the Office of DDMA, Rudraprayag.
- h) The bidder shall also be required to provide Complaint Management System so as to have track of the complaints made and their redressal. The system so provided should enable the user to define the selection procedure for complaints which include logging of the complaints, see & modify the status of complaints and report generation. The closure report of the complaint should be countersigned by the concerned designated officer of the DDMA.
- i) A separate log books for each of the equipment to be taken under the CAMC shall be maintained by the successful bidder at each Deployment point.
- j) In case the requisite parts/ existing equipment are not available, the same should be replaced with the parts of higher specifications compatible with the system.

- k) The engineer will not change the setting of network without seeking the prior permission of the respective concerned designated officer DDMA.
- l) The contract is comprehensive and covers free replacement of all defective parts/ equipments/ peripherals.
- m) The successful bidder shall not further sublet the CAMC under any circumstances to a third party/sub-contractor for the maintenance.
- n) The bidder has to pay the rent for the space, power and tower space of non owned tower deployments. List of such deployments are provided in **Annexure-1**
- o) The bidder has to provide an uptime of 96% and above of the thorough network. A SLA for the Uptime will be signed by the bidder before the commencement of CAMC.
- p) The technical manpower so deployed would be required to coordinate with the original equipment Manufacturer/ Supplier for enforcing the warranty for any new hardware already installed or likely to be installed during the currency of the contract.
- q) The operation and management shall include over all management including administration of Servers, PC's , Peripherals, LAN networking, lease lines, UPS and the services running on them as well as coordination with BSNL or any other service provider like NIC, SWAN

OVERVIEW OF SERVICES TO BE PROVIDED DURING CAMC

Since the project caters different type of services using the same network, the scopes of maintenance to be covered in bifurcation modes are:

1. MICROWAVE BASE STATION:-

All the Microwave base station will be covered up in CAMC. All the Adjustments and calibrations while re installing the link will be catered. CAMC will cover re installation of Kedarnath valley network before the start of yatra and de installation after the completion of the yatra, though the network between DHQ, Rudraprayag and sonprayag will remain intact through the year. CAMC would also cover the desired throughput required for the sustenance of the other services running on the network. De installed products will be deposited at MSC sonprayag and the list of the products will be provided to the DDMA office. CAMC would also include any type of freighting. During the start of yatra periods an AT (Acceptance test) certificate will be given by the DDMA , Rudraprayag.

2. POWER BACKUP: -

CAMC would include the whole power backup setup including the Batteries and UPS deployed. Power backup for 48 hours will be maintained throughout the period of CAMC. CAMC would also include timely repairs. SLA would be signed for the backup. In case of decreased efficiency of backup new batteries would be supplied.

3. **RESIDENT ENGINEERS: -**

Sufficient no. of Resident engineers would be provided through the Period of CAMC for the 24 X 7 execution of the project .CAMC would Include all the allowances to be paid to the RE. A complaint register will be maintained for on calls for rectifications details. An attendance register will be maintained. At least two no. of RE has to be provided during NON yatra period for CAMC of communication network from DHQ to Sonprayag.

4. **RENTAL OF SPACE TOWER AND POWER: -**

CAMC would include all types of tower, power and space rentals during its period of execution. No extra money will be charged on account of time.

5. **DISPLAY SCREENS:-**

All the display screens and Kiosks will be covered up in CAMC

6. **SIP COMMUNICATION AND IP CAMERAS :-**

CAMC would cover all the SIP phones and IP cameras, in case of increasing there no for new deployments extra charge according to the tendered price would be charged.

7. Bidder has to provide provided an up to mark figure of **MTBF** (Mean time between Failure) and **MTTR** (Mean time to repair).

8. **RESPONSIBILITY OF THE DDMA**

1. To provide adequate sitting arrangements in the respective courts for the technical manpower to be deputed by the successful bidder.
2. To provide access to the hardware so installed.
3. To provide support to the manpower for liaisoning with existing system integrators.
4. To monitor the Level of Services to be rendered by the successful bidder.
5. To release the payment to the selected bidder towards CAMC and manpower as per the terms and conditions of the bid document.

6. **BIDDING PROCESS**

6.1 **Bid Submission**

a) Bidders are advised to study the Bid Document carefully. Submission of the Bid will be deemed to have been done after careful study and examination of all instructions, eligibility norms, terms and requirement specifications in the bid document with full understanding of its implications. Bids not complying with all the given clauses in this document are liable to be rejected. Failure to furnish all information required in the Bid Document or submission of a bid not substantially responsive to the bid document in all respects will be at the bidder's risk and may result in the rejection of the bid.

- b) All the bids must be valid for a period of 02 months from the opening of the Financial bid. No request will be considered for price revision during the contract period of three years. If necessary, DDMA will seek extension in the bid validity period beyond 02 months.
- c) The bidders, not agreeing for such extensions will be allowed to withdraw their bids without forfeiture of their EMD.
- d) The respective bidders should submit their bids in two parts i.e. Technical Bid and Financial Bid. All bids sealed individually should be kept in a separate sealed cover super-scribed with separate titles “Technical bid” & “Financial Bid”
- e) The bidder quoting for CAMC should place the sealed technical bid and commercial bid as specified at above in a separate sealed outer envelope super-scribed with “ Bid for comprehensive annual Maintenance contract (CAMC) of DDMA’s local wireless intranet communication project. ”

6.2 Schedule:

a. Sale of Bid Document

- i) The bid document should be downloaded from DDMA website www.rudraprayag.nic.in . The non refundable bid document fee of Rs. 1000/-(Five Thousand only) is to be remitted through demand draft drawn in favour of District Magistrate, Rudraprayag payable at Rudraprayag. The said draft is to be enclosed with the technical bid.
- ii) This bid document is non-transferable.

b. Submission of Bids

Sealed offers prepared in accordance with the procedures enumerated in the bid document should be submitted to the District Magistrate, Collectorate, Rudraprayag 246171 on or before 21/12/2016 3:00 PM.

c. Opening of Technical Bids

21/12/2016 4:00 PM.

The bidders or their authorized representatives may be present if they so desire.

6.3 Earnest Money Deposit

- a. The Bidders is required to furnish an Earnest Money Deposit (EMD) of Rs. 1.00 Lac in the form of Demand Draft from a scheduled commercial bank, drawn in favour of District Magistrate, Rudraprayag payable at Rudraprayag. The EMD of unsuccessful bidders shall be returned after finalization of the bidder. EMD of the successful bidders shall be returned after the completion of the CAMC.

6.4 Forfeiture of Earnest Money Deposit/Security Deposit

The Earnest Money Deposit can be forfeited if a Bidder

- a. Withdraws its bid during the period of bid validity.
- b. Does not accept the correction of errors.

- c. In case of the successful Bidder fails to sign the contract within the stipulated time.
- d. In the case of bidder failed to accept the Letter of Intent within the stipulated period.

6.5 Amendments

- a) At any time prior to the last date for receipt of bids, DDMA, Rudraprayag, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bid Document by an amendment. The amendment will be notified on DDMA website www.rudraprayag.nic.in and should be taken into consideration by the prospective bidders while preparing their bids.
- b) In order to give prospective bidders reasonable time to take the amendment into account in preparing their bids, DDMA, Rudraprayag may, at its discretion, extend the last date for the receipt of bids. No bid may be modified subsequent to the last date for receipt of bids. No bid may be withdrawn in the interval between the last date for receipt of bids and the expiry of the bid validity period specified by the bidder in the bid. Withdrawal of a bid during this interval may result in forfeiture of Bidder's EMD.
- c) The bidders will bear all costs associated with the preparation and submission of their bids. DDMA, Rudraprayag will, in no case, be responsible or liable for those costs, regardless of the outcome of the empanelment process.
- d) Printed terms and conditions of the bidders, as uploaded, will not be considered as forming part of their bid. In case terms and conditions of the bid document are not acceptable to any bidder, they should clearly specify the deviations in their bids.

7. OPENING OF BIDS

7.1 Technical Bid

- a. DDMA shall convene the bid opening session on duly notified date i.e. 21/12/2016 at 4:00 PM where one representative from the bidders, who have successfully uploaded the bid, can participate.
- b. The bids will then be passed on to a duly constituted selection cum purchase committee (SPC) for further evaluation.

7.2 Evaluation of the bids

- a. The respective Technical bid for CAMC & Manpower will be evaluated by selection cum purchase committee (SPC) to be constituted by DDMA. The first process for the selection cum purchase committee is to examine the eligibility of the bidders as per the eligibility criteria. Bids, not satisfying the eligibility criteria will be rejected. However, the SPC reserves the right to call for additional information/clarifications from the bidders to fully establish their eligibility. Such information/clarifications

should be submitted within the timeframe set aside by the (SPC) otherwise the bid may not be considered for further evaluation.

- b. Subsequently, the SPC would examine the details of technical bid for CAMC and may ask for additional information and may call the eligible bidders for a presentation of the projects handled by them and quoted in their bids. The time limit, in which the bidders' have to submit the additional information or present their projects, will be decided by the SPC and its decision will be final in this regard. The bidders shall also assist the SPC in getting relevant information from the bidders' references. Bidders failing to adhere to the specified time limit will not be considered for further evaluation.
- c. The SPC, if required, may also ask the bidders to make a detail technical presentation on the proposal submitted by the bidder. SPC will evaluate the said presentation as part of the technical evaluation for engagement.

7.3 Financial Bid

- a. Financial bid of the respective qualified bidders for CAMC shall be opened by the selection cum Purchase Committee on the next date i.e 22/12/2016 at 11:00 AM in the presence to bidder's representatives (only one per bidder) who chose to be present.

8. AWARD OF CONTRACT

- a. A letter of intent on behalf of DDMA, Rudraprayag shall be issued to the respective successful bidders for CAMC . The successful bidder shall accept the said letter of intent with in 15 days from the date of the issue of the said letter of Intent.
- b. **Bank Guarantee:-** Selected bidder for CAMC will be required to submit a bank guarantee as FDR pledged in name of DM Rudraprayag equivalent to the 5% (including EMD) of the total value of the contract awarded to them. The said bank guarantee as FDR must be from a scheduled commercial bank for entire duration of the contract period i.e three years in favour of District magistrate, Rudraprayag.
- c. The engagement both for CAMC including manpower will be for an initial period of three years from the date of signing the contract. Depending on the project requirements, DDMA may renew the contract annually for additional two years on the same terms and conditions. The successful bidders will have to renew/re-submit the bank guarantee for the extended period of engagement.
- d. The incidental expenses of execution of agreement / contract shall be borne by the successful bidder.
- e. The conditions stipulated in the contract shall be strictly adhered to and violation of any of these conditions by the bidder will entail termination of the contract without prejudice to the rights of the DDMA. DDMA shall be free to forfeit the EMD/bank guarantee and getting the assigned work done from alternate sources at the risk and cost of the defaulting bidder.

9. GENERAL TERMS & CONDITIONS

- a) The Bidder shall perform the services and carry out its obligations under the contract with due diligence and efficiency, in accordance with generally Accepted techniques and practices used in the industry and with Professional engineering and training/consulting standards recognized by national/international professional bodies and shall observe sound management, technical and engineering practices. It shall employ appropriate advanced technology and safe and effective equipment, machinery, material and methods. The Bidder shall always act, in respect of any matter relating to this Contract, as faithful advisors to DDMA Rudraprayag shall, at all times, support and safeguard DDMA legitimate interests in any dealings with Third parties.
- b) DDMA reserves the right to assess the performance of The bidder prior to commencement or in between the work progress. The assessment may cover all areas related to the assigned work order, Especially methodology, manpower, infrastructure etc. DDMA reserves the right to cancel the work order assigned to the bidder at any time which includes the time after the completion of assigned work without assigning any reason for the same.
- c) The selected bidder shall not, without DDMA's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample of information furnished by or on behalf of DDMA in connection therewith, to any person other than a person employed by the Bidder in the Performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- d) The selected bidder shall not outsource the works assigned to any other bidder under any circumstances. This violation will attract forfeiture of EMD/Security deposit and cancellation of work order. The cost incurred on executing the work order through alternate sources will also be recovered from the outstanding bills or by raising claims.
- e) If the selected bidder is not able to fulfill its obligations under the contract, which includes non completion of the work, DDMA reserves the right to select another bidder to accomplish the work. Any costs, damages etc. resulting out of the same shall have to be borne by the selected bidder.
- f) Alterations if any in the bid document should be attested properly by the bidder, failing which the Proposal is liable to be rejected.

Annexure-1

List of places where equipment has been deployed

S.No	Places of Deployment	Status
1.	Kedarnath temple premises (16 Kms on foot from Sonprayag)	Owned
2.	NIM Kedarnath	Owned
3.	Biometric centre, Kedarnath	Owned
4.	Rudra point (on way)	Owned
5.	Lincholi (on way)	Owned
6.	Bheembali (on way)	Owned
7.	Junglechatti	Owned
8.	Sonprayag	Owned
9.	NIM Sonprayag	Owned
10	DDMA Sonprayag	Owned
11.	Tathi Point	NON Owned
12.	Gaushala (Rampur)	NON owned
13.	Tryiyuginarayan BTS	NON owned
14.	Jaggi Bagwan BTS	NON owned
15.	Ukhimath BTS	NON owned
16.	Basukedar	Owned
17.	Bawai BTS	NON Owned
18	Jawari Doongri BTS	NON Owned
19	DHQ, Rudraprayag	Owned
20	SEOC, Dehradun	Owned

Owned* means that DDMA has its own setup where no rent is needed to be paid.

NON Owned* means that setup has been leased and where annual rent for power, tower and space needed to be paid.

ANNEXURE-2

Detail list of Product installed on sites for DDMA's Local Intranet

1. Products Installed at DHQ Rudraprayag

S.No	Description	QTY
1	Base Station PTP(Ligowave Rapid Fire 5)	1
2	Netgear Web Smart 24 Port Gigabit Managed PoE Switch	1
3	42U Transmission Rack (iBall)	1
4	Cable Manager	1
5	Patch Panel	1
6	Power distribution Unit	1
7	Sip Server(Zoco CooVox-U20 V2)	1
8	Guy's Mast	1
9	Aviation Lamp	1
10	Lightening arrestor	1
11	SIP Phone (Grand stream GXP1405)	3
12	Network Video Recorder(Dahua)	1
13	UPS (Luminous)	1
14	Battery(Luminous)	1
15	48V DC POE(Ligowave)	1
16	55" Led TV Panasonic Vieira	1
17	CISCO Router	1
18	Dual Polarized Integrated Antenna(Andrew)	1
19	Lan Setup	1

2. Products Installed at BTS Site 'Doongri'

S.No	Description	QTY
1	Base Station PTP(Ligowave Rapid Fire 5)	2
2	Dual Polarized Integrated Antenna(Andrew)	2
3	Surge Suppressor	4
4	48V DC POE(Ligowave)	2
5	Lan Setup	1

3. Products Installed at BTS Site 'Bawai'

S.No	Description	QTY
1	Base Station PTP(Ligowave Rapid Fire 5)	2
2	Dual Polarized Integrated Antenna(Andrew)	2
3	Surge Suppressor	4
4	48V DC POE(Ligowave)	2
5	Lan Setup	1

4. Products Installed at BTS Site 'Ukhimath'

S.No	Description	QTY
1	Base Station(Ligowave Rapid Fire 5)	3
2	Dual Polarized Antenna(Andrew)	3
3	Surge Suppressor	6
4	48V DC POE(Ligowave)	3
5	Lan Setup	1

5. Products Installed at BTS Site 'Jaggi Bagwan'

S.No	Description	QTY
1	Base Station PTP(Ligowave Rapid Fire 5)	2
2	Dual Polarized Antenna(Andrew)	2
3	Surge Suppressor	4
4	48V DC POE(Ligowave)	2
5	Lan Setup	1

6. Products Installed at BTS Site 'Triyuginarayan'

S.No	Description	QTY
1	Base Station PTP(Ligowave Rapid Fire 5)	2
2	Dual Polarized Antenna(Andrew)	2
3	Surge Suppressor	2
4	48V DC POE(Ligowave)	2
5	Lan Setup	1

7. Products Installed at MSC Sonprayag

S.No	Description	QTY
1	Base Station PTP 1. Ligowave Rapid Fire 5 2. AP Quad Deliberant 3. Unity N 23 Deliberant	1 2 1
2	Netgear Web Smart 24 Port Gigabit Managed PoE Switch	1
3	42U Transmission Rack(iBall)	1
4	Cable Manager	1
5	Patch Panel	1
6	Power distribution Unit	2
7	Sip Server(Zoco CooVox-U20 V2)	1
8	Guy's Mast	1
9	Aviation Lamp	1
10	Lightening arrestor	1
11	SIP Phone(Grand Stream GXP 1405)	1
12	Network Video Recorder(Dahua)	1
13	UPS(Luminous)	3
14	Battery(Luminous)	6

15	48V DC POE(Ligowave)	5
16	55" Led TV Panasonic Vieira	1
17	Internet Kiosk with accessories	2
18	PTZ Camera(Dahua 2 Mega Pixel)	1
19	NMS Rack Server	1
20	Surge Suppressor	4
21	Dual Polarized Antenna(Andrew)	4
22	Network/Bandwidth Management Software	1
23	Lan Setup	1

8. Products Installed at DDMA Sitapur

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberent)	1
2	Sip Phone(Grand Stream 1405)	1
3	UPS(Luminous)	1
4	48V DC POE(Ligowave)	1
5	Battery(Luminous)	1
6	8 Port unmanaged Switch(Dlink)	1
7	9U Transmission Rack(Comrack)	1
8	Dual Polarized Antenna(Andrew)	1
9	Lan Setup	1

9. Products Installed at NIM Sonprayag

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	1
2	Sip Phone(Grand Stream GXP 1405)	1
3	UPS(Luminous)	
4	48V DC POE(Ligowave)	1
5	Battery(Luminous)	
6	8 Port unmanaged Switch	1
7	Router(Dlink)	1
8	Dual Polarized Antenna(Andrew)	1
9	Lan Setup	1

10. Products Installed at Guashala Site

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	2
2	Dual Polarized Antenna(Andrew)	2
3	Surge Suppressor	4
4	48V DC POE(Ligowave)	2
5	Guy's Mast	1
6	Aviation Lamp	1
7	Lightening Arrestor	1

8	UPS(Luminous)	1
9	Battery(Luminous)	1
10	Lan Setup	1

11. Products Installed at Rudra Point

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	3
2	8 Port Switch(TPLink)	1
3	9U Transmission Rack(Comrack)	1
4	Power distribution Unit	2
5	Guy's Mast	1
6	Aviation Lamp	1
7	Lightening arrestor	1
8	SIP Phone(Grand Stream GXP 1405)	1
9	UPS(Luminous)	1
10	Battery(Luminous)	2
11	48V DC POE(Ligowave)	3
12	PTZ Camera(Dahua 2 Mega Pixel)	1
13	Surge Suppressor	2
14	Dual Polarized Antenna(Andrew)	3
15	Lan Setup	1

12. Products Installed at NIM Kedarnath

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	2
2	8 Port Switch(TPLink)	1
4	Power distribution Unit	1
5	Guy's Mast	1
6	Aviation Lamp	1
7	Lightening arrestor	1
8	SIP Phone(Grand Stream GXP 1405)	1
9	UPS(Luminous)	1
10	Battery(Luminous)	1
11	48V DC POE(Ligowave)	2
12	Surge Suppressor	2
13	Dual Polarized Antenna(Andrew)	2
14	Router(Dlink)	1
15	Lan Setup	1
16	Omni Directional Antenna 5.7 Ghz (Andrew)	1

13. Products Installed at Biometric Centre Kedarnath

S.No	Description	QTY
1	Base Station PTP	

	1. AP Quad Deliberant	1
	2. Unity N 23 Ligowave	2
2	8 Port Switch (TPLink)	2
3	Prepaid Coupan generator with printer	1
4	Power distribution Unit	1
5	Pole Mast	1
6	Kiosk	2
7	55" Led TV Panasonic Vieira	1
8	SIP Phone(Grand Stream GXP1405)	1
9	UPS(Luminous)	2
10	Battery(Luminous)	2
11	48V DC POE(Ligowave)	3
12	Dual Polarized Antenna(Andrew)	3
13	IP Camera(Dahua 2 Mega Pixel)	1
14	Lan Setup	1

14. Products Installed at Kedarnath Temple Premises

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	1
2	PTZ Camera(Dahua 2 Mega Pixel)	1
3	UPS(Luminous)	1
4	48V DC POE(Ligowave)	1
5	Battery(Luminous)	1
6	PDU	1
7	Dual Polarized Antenna(Andrew)	1
8	Lan Setup	1

15. Products Installed at Basu Kedar

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	1
2	Dual Polarized Antenna(Andrew)	1
3	Surge Suppressor	2
4	48V DC POE(Ligowave)	1
5	Router(Dlink)	1
6	Lan Setup	1

16. Products Installed at Lincholi

S.No	Description	QTY
1	Base Station PTP (AP Quad Deliberant)	4
2	8 Port Switch(TPLink)	1
3	Dual Polarized Antenna(Andrew)	4
4	Power distribution Unit	1

5	Guy's Mast	1
6	Aviation Lamp	1
7	Lightening arrestor	1
8	SIP Phone(Grand Stream GXP1405)	2
9	UPS(Luminous)	2
10	Battery(Luminous)	2
11	48V DC POE(Ligowave)	5
12	Surge Suppressor	2
13	Router(Dlink)	1
14	Kiosk	1
15	Computer for Surveillance(Sector Magistrate)	1
16	PTZ Camera(Dahua 2 Mega Pixel)	1
17	Lan Setup	1

17. Products Installed at Bheembali

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	1
2	8 Port Switch(TPLink)	1
3	Dual Polarized Antenna(Andrew)	1
4	Power distribution Unit	1
5	Guy's Mast	1
6	Aviation Lamp	1
7	Lightening arrestor	1
8	SIP Phone(Grand stream GXP1405)	1
9	UPS(Luminous)	1
10	Battery(Luminous)	1
11	48V DC POE(Ligowave)	2
12	Router(Dlink)	1
13	PTZ Camera(Dahua 2 Mega Pixel)	1
14	Lan Setup	1

18. Products Installed at Jungle Chatti

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	1
2	8 Port Switch(TPLink)	1
3	Dual Polarized Antenna(Andrew)	1
4	Power distribution Unit	1
5	Guy's Mast	1
6	Aviation Lamp	1
7	Lightening arrestor	1
8	SIP Phone(Grand Stream GXP1405)	1

9	UPS(Luminous)	1
10	Battery(Luminous)	1
11	48V DC POE(Ligowave)	3
12	Router(Dlink)	1
13	IP Camera(Dahua 2 Mega Pixel)	2
14	Lan Setup	1

19. Products Installed at Tathi

S.No	Description	QTY
1	Base Station PTP(AP Quad Deliberant)	2
2	Dual Polarized Antenna(Andrew)	1
3	Surge Suppressor	2
4	48V DC POE(Ligowave)	1
5	UPS(Luminous)	1
6	Battery(Luminous)	1
7	Lan Setup	1

20. Products Installed at SEOC, Dehradun

S.No	Description	QTY
1	NVR	1

ANNEXURE-3

List of Resident Engineer with qualification Criteria

S.No	Place of Deployment	No.	Scope	Qualification
1.	MSC Sonprayag	02	To Maintain and assist the network in between the Sonprayag-DHQ-SEOC Dehradun. On Call Association with BSNL, SWAN, NIC and SEOC Dehradun	Diploma in Networking and a minimum of 3 years experience in handling ADHOC networks
2.	Biometric Centre Kedarnath	01	To Maintain and assist the network in between Kedarnath and Rudrapoint. Operate and Maintain the various e-services including V.C.	Diploma in Networking and a minimum of 3 years experience in handling ADHOC networks.
3.	Lincholi	01	To Maintain and assist the network in between Lincholi and Sonprayag	Diploma in Networking and a minimum of 3 years experience in handling ADHOC networks

* 2 No. Of RE's will be required during the non yatra period to maintain and assist the network in between the Sonprayag to DHQ Rudraprayag.

ANNEXURE-4

S.No	Product	Make	Model
1	Base Station PTP and PTMP	Ligowave	Rapid Fire 5/AP Quad
2	Web Smart 24 Port Gigabit Managed PoE Switch	Netgear	GS728TPP
3	42U Transmission Rack	iBall	iB-PFS6042U
4	Cable Manager	iBall	iB-PFS6042U
5	Patch Panel	iBall	iB-PFS6042U
6	Power distribution Unit	iBall	iB-PFS6042U
7	Sip Server	Zycoo	CooVox-U20 V2
8	Guy's Mast	(10 Mtr. Maximum & 6 Mtr. Minimum)	
9	Aviation Lamp	-	-
10	Lightening arrestor	-	-
11	SIP Phone	Grand stream	GXP1405
12	Network Video Recorder	Dahua	DVR2404/3204LF-AL
13	UPS	Luminous	1 KVA
14	Battery	Luminous	150 Ah
15	48V DC POE	Ligowave	48V DC POE
16	55" Led TV	Panasonic	TH-55C300DX
17	CISCO Router	Cisco	2600 Series
18	Dual Polarized Integrated Antenna	Andrew	PX4F-52-N7A
19	8 Port Unmanaged Switch	TPLink	TL-SF1008D
20	PTZ Camera	Dahua	SD6C220T-HN
21	Static IP Camera	Dahua	IPC-HFW2100SN

Technical bid
Proforma-1
BID PROPOSAL
SHEET

Bidder's Proposal Reference No. and Date	:		
Bidder's Name and Address	:		
		Tel. No.	Fax No.
Bidders Correspondence address	:		
		Tel. No.	Fax No
Name of contact Person	:		
Designation	:		
Telephone No (s)	:		
Fax No (s)	:		
Mobile No	:		
Email ID	:		

* All the Certificates Documents and Eligibility certificate as mentioned in page No 4-5 must be attached with the Technical Bid.

Technical bid

Performa – 2

PARTICULARS OF BIDDERS

Engagement of agency for Comprehensive Annual Maintenance Contract

1. Name of the Bidder		
2. Address of the Bidder		
	Tel.	Fax
3. Year of establishment		
4. Bidder's proposal number and date		
5. Name, Designation and address of the officer to whom all references shall be made regarding this RFP		
	Tel:	Mobile:
Fax:	Email:	

6. Annual turnover of the firm for the last 3 successive years (in Rs.) from the related Work (such as CAMC of Network Communication And IT infrastructure.)	Year	Turn over	Profit
	2013-2014		
	2014-2015		
	2015-2016		
<u>Duly certified audited</u> <u>Balance sheets Attached</u>			

7. Solvency of firm/company/enterprise as on 31.03.2016 certificate from the CA/ certificate from its banker certifying its solvency and counter certified by their CA is attached

8. Details of Draft for Draft No.

Earnest money deposited

Bank Name:

2 TIN registration no and date of issue

3 Pan no of the bidding company

4 FIRM Registration no and the year of registration. copy of the Registration Certificate

5 ISO/CMMI Compliance

6 DPL(Dealer Possession License) from DOT

Signature _____

Name _____

Designation _____

Date _____

Company seal

Financial Bid

Price Schedule to be quoted by the bidder

S.No.	Particulars	Period	Total Amount including all taxes	Remarks
1.	Comprehensive Annual Maintenance Contract of DDMA, Rudraprayag's Wireless Intranet Communication project including 24 X 7 Technical Manpower for Operation & Management.	3 years (year 2017, 2018, 2019)		

Signature _____

Name _____

Designation _____

Date _____

Company seal