Subject: Creation of PMU for National Disaster Management Services (NDMS) Pilot Project for creation of Satellite based Communication Network for 120 locations

NDMA has initiated a Pilot Project namely National Disaster Management Services (NDMS) for creation of Satellite based Communication Network for 120 locations across the country including MHA, NDMA, NDRF HQ, all States/UTs and 81 Vulnerable Districts. For close monitoring and timely implementation of the Project a PMU is being created for which NDMA invites applications from persons with qualification and expertise on contract basis for the positions given in the table below which will be filled upon the basis of a contract for the period of employment. The contract will be for a period of one year initially and may be extended with mutual consent based on need and performance for part of the year or maximum for one year at a time or closure of project, whichever is earlier. Educational qualifications & experience required and remuneration offered are given in the table below:

S.No.	Category	*Remuneration per month*	No of vacancy
1.	Project Coordinator	92,000/-	1
2.	Project Supervisor	40,000/-	1
3.	Software Engineer	40,000/-	1
4.	Hardware Engineer	25,000/-	1

2.   The detailed terms and conditions and eligibility criteria (educational qualification, experience etc.) for engagement of Project Coordinator, Project Supervisor, Software Engineer, and Hardware Engineer are given as Annexures (I to IV) and can be seen on NDMA website at **http://ndma.gov.in/en/careers.html.**

3.   NDMA invites applications from individuals along with their Bio-data (prescribed performa-Annexure-V) and self attested photocopies of certificates of Date of Birth, Education Qualification, Experience and Grade Pay/Pay band (For retire Government Servant) to be sent to **Joint Advisor (Comn & IT), National Disaster Management Authority, A-1, Safdarjung Enclave, New Delhi – 110029 within 14 days from the date of publication of advertisement in the Employment News ie. last date of receipt of application at NDMA is 26 Feb 2016.**

Important Note: Separate applications are required to be sent for each Category. Incomplete application will not be considered.

No. 05-01/2016/ (Comn & IT)-PMU

(Nadeem Arshad)

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Joint Advisor (Comn & IT)

Annexure-I

TERMS OF REFERENCE FOR THE POST OF PROJECT COORDINATOR
NATIONAL DISASTER MANAGEMENT SERVICES (NDMS) PILOT PROJECT

1.	Objective	**Objective** ➢ Should be fully conversant with all communication technologies (both terrestrial as well as satellite) and switching and transmission, networks, gateways, firewalls, routers that are needed for state-of-the-art communication network setup with failsafe character. ➢ Should have thorough knowledge on the selection and specification of the hardware and software for creation of Communication Networks, involving use of latest technologies, data storage, application server, web server, etc. and security of the data bank (through firewalls / proxy servers). ➢ Expertise in implementation of communication network projects (based on terrestrial and satellite based communication networks) would be desirable.
2.	Qualification, Eligibility and experience	**Qualification** Bachelors Degree or above in Engineering or Electronics & Communication, or Telecommunication, or IT or in any communication related area. **Experience:** ➢ Minimum 10 years of experience in above mentioned field. ➢ Retired Government employees with Grade Pay of Rs. 10,000/- and above with experience of 10 years and knowledge in the required domain field, as above, would also be eligible for this position.
3.	Scope of work	➢ Responsible for complete coordination with MHA, NDRF, States/UTs, DOT/BSNL/MTNL, NIC, ISRO and other related agencies in connection with the implementation of the Pilot Project National Disaster Management Services (NDMS). ➢ Assist in selection and preparation of specifications of subsystems/components needed for establishment of Emergency Operation Center (EOC) at National, State and District levels. ➢ Initiation of any other Project requires integration with NDMS. ➢ Planning for last mile connectivity for Disaster Management. ➢ Development of applications for android and other apps for use in Disaster Management on NDMS. ➢ Coordination and IT Support to GIS platform related to NDMS. ➢ Capacity Building and Training in Telecommunication and IT of States and other Stakeholders.

		Deliverables output ➢ Conceptual Design of various components of NDMS Communication Projects, Preparation of Technical Documents, SOP, Training Module, Project Monitoring at all levels, Advice for procurement of appropriate hardware and software needed for creating Telecommunication connectivity and other related issues at EOCs at the National, State / District levels and NDRF HQ locations and other specified locations, wherever required. ➢ Design and prepare details of last-mile connectivity for disaster management on need basis. ➢ Be a nodal officer for smooth coordination, implementation, training and further handing over of assets created as part of NDMS project to the respective States. ➢ Capacity Building and Training of State Officials in Telecommunication and IT. ➢ Any other work to be assigned as per requirement by NDMA.
4.	Remuneration	**Consolidated fee of Rs. 92,000/- (Ninety Two Thousand) Per Month**
5.	Contract Period	➢ Initially for One (1) Year ➢ The NDMA can terminate the contract at any time by giving one month's notice or the incumbent can also resign from the assignment by giving one month's notice to NDMA.

TERMS OF REFERENCE FOR THE POST OF PROJECT SUPERVISOR
NATIONAL DISASTER MANAGEMENT SERVICES (NDMS) PILOT PROJECT

1.	Objective	**Objective**
		➢ Should have knowledge of Information & Communication Technologies (ICT).
		➢ Should have knowledge on the specification of the hardware and software for creation of IT & Communication Infrastructure, involving use of various technologies, data storage, application server, web server etc.
		➢ Knowledge of implementation of projects would be desirable.
2.	Qualification, Eligibility and experience	**Qualification**
		Bachelors Degree or above in Engineering or Electronics & Communication, or Telecommunication, or IT or in any communication related area.
		Experience:
		➢ Minimum 5 years of experience in above mentioned field.
3.	Scope of work	➢ Responsible for coordination in consultation with Project Coordinator with MHA, NDRF, States/UTs, DOT/BSNL/MTNL, NIC, ISRO and other related agencies in connection with the implementation of the Pilot Project National Disaster Management Services (NDMS).
		➢ Assist Project Coordinator in preparation of specifications of subsystems/components needed for establishment of Emergency Operation Center (EOC) at National, State and District levels for NDMS Project.
		➢ Assist Project Coordinator in Initiation of any other Project for integration with NDMS Project.
		➢ Assist Software Engineer in development of applications for android and other apps for use in Disaster Management.
		➢ Any other work to be assigned as per requirement by NDMA.
4.	Remuneration	**Consolidated fee of Rs. 40,000/- (Forty Thousand) Per Month**
6.	Contract Period	➢ Initially for One (1) Year
		➢ The NDMA can terminate the contract at any time by giving one month's notice or the incumbent can also resign from the

		assignment by giving one month's notice to NDMA.

TERMS OF REFERENCE FOR THE POST OF SOFTWARE ENGINEER
NATIONAL DISASTER MANAGEMENT SERVICES (NDMS) PILOT PROJECT

1.	Objective	**Objective** ➢ Should be conversant with the latest Software technologies ➢ Should have thorough knowledge on the Software/web development, testing, implementation procedures using latest technologies, database creation, storage, application server, web server, etc. and ➢ Strong statistical and programming background ➢ Expertise in development and implementation of Software/ Web/Android applications.
2.	Qualification, Eligibility and experience	**Qualification** Bachelors Degree in Electronics & Communication, Computers or Telecommunication, or IT or in any communication related area. **Experience:** ➢ Minimum 3 years of experience in above mentioned field. ➢ Working experience on Server System & Cloud based Network. ➢ Working Knowledge in Software development, Web development, Project Management, ERP system development using PHP, Mysql and Wordpress etc. ➢ Working Knowledge with Android/ Windows/ IOS applications ➢ Experience of Software debugging & Testing
3.	Scope of work	➢ Development of Web based Application for Online Monitoring of equipments delivery, installation and status of implementation for each location under NDMS Project. ➢ Software development for NDMS application. ➢ Creation of Android/ Windows/ IOS Applications and other Apps for NDMA for use in Disaster Management. ➢ Coordination and IT Support to GIS platform for NDMS Project. ➢ Documents & demonstrates solutions by developing documentation, flow chart, layout, diagrams, charts & clear code. ➢ Protects operation by keeping information confidential. ➢ Any other work to be assigned as per requirement by NDMA.
4.	Remuneration	**Consolidated fee of Rs. 40,000/- (Forty Thousand) Per Month**
5.	Contract Period	➢ Initially for One (1)Year ➢ The NDMA can terminate the contract at any time by giving one month's notice or the incumbent can also resign from the

| | | assignment by giving one month's notice to NDMA. |

TERMS OF REFERENCE FOR THE POST OF HARDWARE ENGINEER
NATIONAL DISASTER MANAGEMENT SERVICES (NDMS) PILOT PROJECT

1.	Objective	**Objective** ➢ Should have knowledge of latest hardware items. ➢ Should be responsible of maintaining the infrastructure of server; both equipment and services to ensure availability of maximum requirements for NDMS Project. ➢ Should be able to handle the tasks of developing and providing information on the metrics of environment to establish IT & Network infrastructure. ➢ Should be handle the tasks of identifying hardware issues and escalate to the support team in case of high level issue.
2.	Qualification, Eligibility and experience	**Qualification** BE/B.Tech/ Diploma or Must be a Technical Graduate(Full time) **Experience:** ➢ Minimum 2 years of experience in case diploma holder should have minimum 3 years of experience in computer hardware along with server, printers, scanners, routers etc. ➢ Experience on troubleshooting technical hardware and software issues in systems, applications, network and security capacity ➢ Experience with Linux Red hat server may add advantage. ➢ Any other work to be assigned as per requirement by NDMA.
3.	Scope of work	➢ Troubleshooting and Monitoring of all hardware including Plotter, Printer, PCs, Server etc ➢ Fixing hardware along with Operating System faults ➢ Day to Day admin and monitoring of all hardware items
4.	Remuneration	**Consolidated fee of Rs. 25,000/- (Twenty Five Thousand) Per Month**
5.	Contract Period	➢ Initially for One (1) Year ➢ The NDMA can terminate the contract at any time by giving one month's notice or the incumbent can also resign from the assignment by giving one month's notice to NDMA.

2.   **General Conditions:**

(i)   Candidates should apply in prescribed Performa

(ii)   Candidates applying for more than one post should submit separate applications.

(iii)   Candidates will have to produce the proof of details furnished in their applications, in original, as and when required.

(iv)   Applications received after the due date, unsigned applications, applications where the post no. is not filled in/not filled in correctly and applications in complete in any respect will not be considered.

(v)   Only Indian Nationals need to apply.

(vi)   Canvassing in any form will lead to disqualification.

(vii)   It may be noted that if, at any stage, it is discovered that an attempt has been made by the applicant to willfully conceal or misrepresent the facts, his candidature will be summarily rejected or his employment terminated.

(vii)   The applications must be sent in neatly typed out form in A-4sizepaper210x297mm.

3.   **Last Date for Receipt of Application:**

Not later than 14 days from the date of publication of advertisement in Employment News.

4.   **Address for Sending Application:**

Col Nadeem Arshad
Joint Advisor (Comn & IT)
National Disaster Management Authority
NDMA Bhawan, A-1, Safdarjung Enclave
New Delhi – 110029
Phone No. 011-26701743
Email-id – narshad@ndma.gov.in
Fax - 011-26701840

Performa for Application on contract basis in National Disaster Management Authority in the disciplines of ....
(Separate Application for each disciplines)

Post applied for:_____

1. Name: _____
2. Father's Name: _____
3. Date of Birth: _____
4. Male / Female: _____
5. Domicile: _____
6. Nationality: _____
7. Mailing address (with Tel./Mob. No. And e-mail address)
   _____
8. Permanent Address: _____
   _____
9. Educational Qualification:

S.No	Course	Subject	University/Institute	Year of Passing	Division/class

10. Work Experience:

S.No	Organization/Institute	Period From To	Nature of Work	Remarks

11.　　In case of retired Government Servant, Grade pay /Pay Band must be indicated:
   _____

12. Whether SC/ST/OBC:_____

13. Reference:
   (i)
   (ii)

                                                    (Signature)
                                                    Date_____
                                                    Mobile No.:_____
                                                    e-mail id:_____