

**No. M-11011/02/2016-RE-VII**  
**Government of India**  
**Ministry of Rural Development**  
**Department of Rural Development**  
**MGNREGA Division**  
**GeoMGNREGA**

Krishi Bhawan, New Delhi  
Dated: 8th August, 2017

To,  
Principal Secretaries/ Secretaries of all States / UTs  
Department of Rural Development/ Panchayati Raj (In charge of MGNREGA)

**Subject: GeoMGNREGA Phase -II**

**Dear Sir/Madam,**

You are aware that GeoMGNREGA has been implemented in 31 States/UTs and more than 1.73 crore of assets have been geotagged all over the country till date.

**Moving forward in this endeavour to further promote transparency and visibility of the Mahatma Gandhi NREGA programme, GeoMGNREGA Phase II will be initiated i.e. the works under Mahatma Gandhi NREGA will now be geotagged along with 2 photographs of each of the three stages i.e. (i) Before start of the work (location), (ii) During the work, (iii) On completion of the work.**

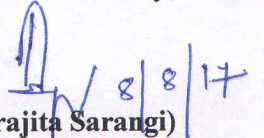
The National Remote Sensing Centre (NRSC), ISRO; National Informatics Centre (NIC) will support the Ministry in this endeavour. In this regard, SOP for GeoMGNREGA Phase-II is attached at Annexure-I.

The GeoMGNREGA Phase-II application will be initially rolled out in one GIS Pioneering District (GPD). The project is time bound and critical. We solicit your cooperation and timely action to make this successful.

The list of GIS Pioneering Districts (GPD) selected by the States/UTs are attached at Annexure-II.

Enclosures: As above

Yours Sincerely,

  
(Aparajita Sarangi)  
Joint Secretary, MGNREGA

**Copy to:**

1. PPS to SRD
2. PS to AS(RD)
3. Director, National Remote Sensing Center (NRSC), ISRO
4. Director General, NIRD&PR

**SOP for GeoMGNREGA Phase II**

**1. Introduction:**

Creation of durable assets and strengthening of rural livelihood is an important objective under the Mahatma Gandhi NREGA. On an average, 30 Lakh works/assets are completed annually, across the country. With an objective to improving the transparency and to enhance the visibility of the programme, Ministry of Rural Development has designed a unique solution by integrating space technology and asset tracking management solution under the project GeoMGNREGA with a vision to make geotagged asset data under Mahatma Gandhi NREGA transparent and available in the public domain accessible to all. The GeoMGNREGA was rolled out in public domain on 30th November, 2016 to create a Geographical Information System (GIS) solution to visualize, analyze and explore such asset related data and manage them more effectively along with better understanding of the impact.

In this sequence, Secretary, Rural Development, announced during GeoMGNREGA review meeting, held on 13<sup>th</sup> July, 2017, that works under Mahatma Gandhi NREGA shall now be geotagged with photographs at three Stages to capture the progress of the work.

**2. Objective:**

MoRD has decided to move one more step forward to establish further transparency in the programme by Geotagging of works/asset in 3 Stages:

1. Stage 1(**B**EFORE) –Before start (work site)
2. Stage 2 (**D**URING)- Ongoing Stage
3. Stage 3 (**A**FTER) - after completion of asset.

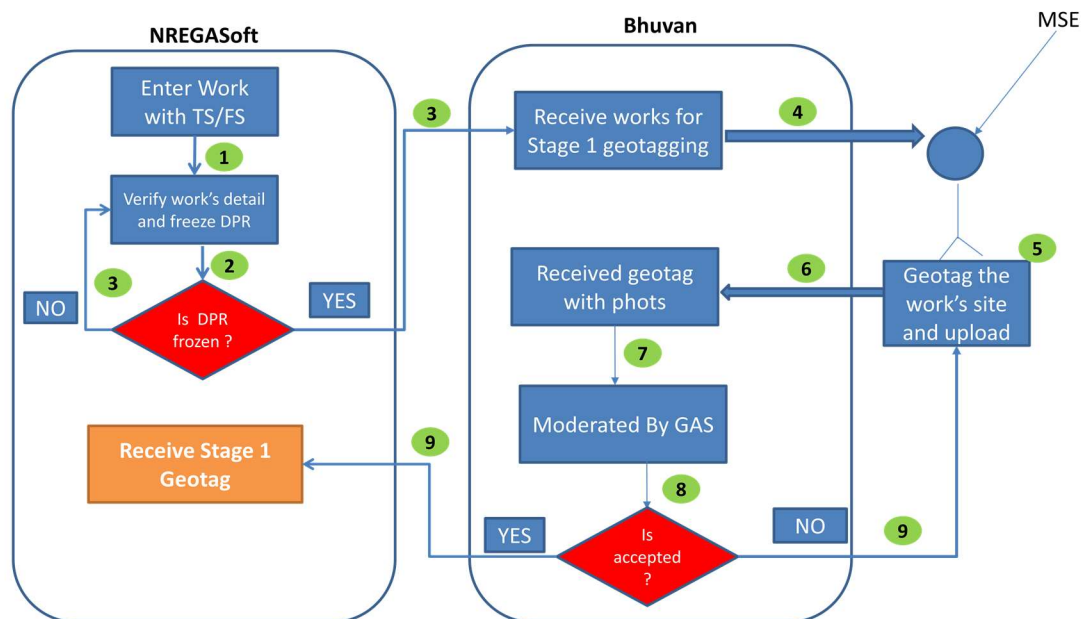
### **3. Stage -1 (BEFORE): Before work start**

In this Stage, location of the work's site should be geotagged before start of the work.

- a) Details of approved work should be entered in NREGASoft with Technical Sanction (TS), Administrative Sanction (AS). The activities and material details should also be filled as per TS.
- b) DPR (Detailed Project Report) should be frozen in NREGASoft. User has to verify the data related to work, TS and AS and confirm it from GP/PO login. Once the DPR frozen, the work's detail cannot be edited/changed in NREGASoft.
- c) Only those works shall be shared with Bhuvan for Stage 1 geotagging whose technical and administrative sanction are done and DPR is frozen in NREGASoft.
- d) In case of individual category works and IHHL, multiple assets can be created under one work code. Detail of multiple assets to be created, under the work, can be specified during work creation in NREGASoft.
- e) After sharing the works of Stage 1 geotagging with Bhuvan, MSE will geotag the work's site with two photographs and upload on Bhuvan for moderation by GAS. In case of multiple assets under one work code, MSE has to geotag all the locations of proposed assets. Until all the proposed asset's location has been geotagged, the Stage 1 geotag of the said work is treated as incomplete and hence the work will not be available for further implementation in NREGASoft.
- f) Once the geotag is accepted in Bhuvan by GAS, status of the said work will flow to NREGASoft for further processes (Work Allocation, e-MSR Generation etc.) to make the status of work on-going in NREGASoft.

**NOTE: It is advised that MSE should put some identification mark to the point from where Stage I geotag is captured so that Stage 2 and Stage 3 geotag's can also be captured from the same point.**

## Flow Chart-Stage 1



### 4. Stage-2 (DURING):Ongoing Stage

In this Stage, on-going status of the work should be geotagged during the progress of work.

- a) After successful receipt of Stage 1 geotag status of a work in NREGASoft, the work will be available for work allocation, e-MSR generation, bill generation and other processes. **Work will not be available for any expenditure booking until Stage 1 geotag status is received on NREGASoft.**
- b) **Once the 30% of the estimated cost of the work is booked as expenditure, then the said work will be shared with Bhuvan for Stage 2 geotagging.**

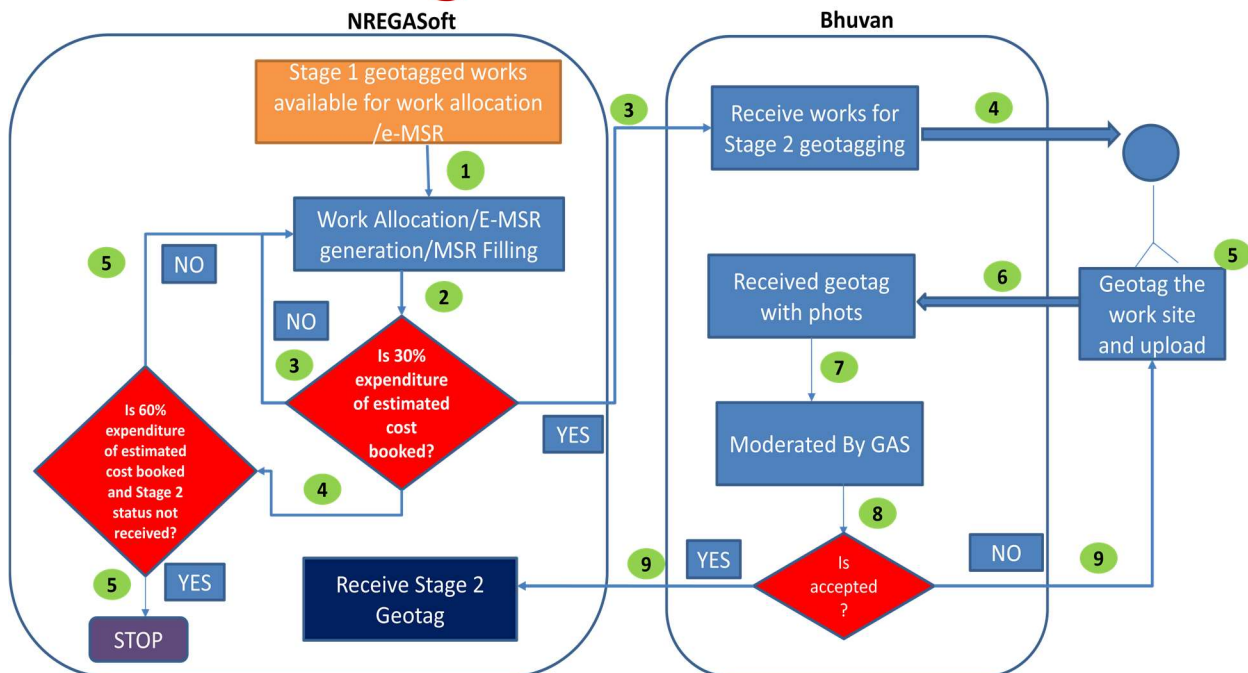
c) After sharing the works of Stage 2 geotagging with Bhuvan. MSE will geotag the on-going work with two photographs and upload on Bhuvan for moderation by GAS. Once geotag get approved, status will be shared with NREGASoft.

**d) Once the 60% of estimated cost of work is booked as expenditure and Stage 2 geotag status is not received in NREGASoft then no further expenditure of the said work will be allowed to be booked in NREGASoft.**

e) Work will not be available to mark as completed in NREGASoft until Stage 2 geotag status is received at NREGASoft.

**NOTE: It is advised to capture photographs with workers, working at work site, during Stage 2 geotagging.**

## Flow Chart-Stage 2

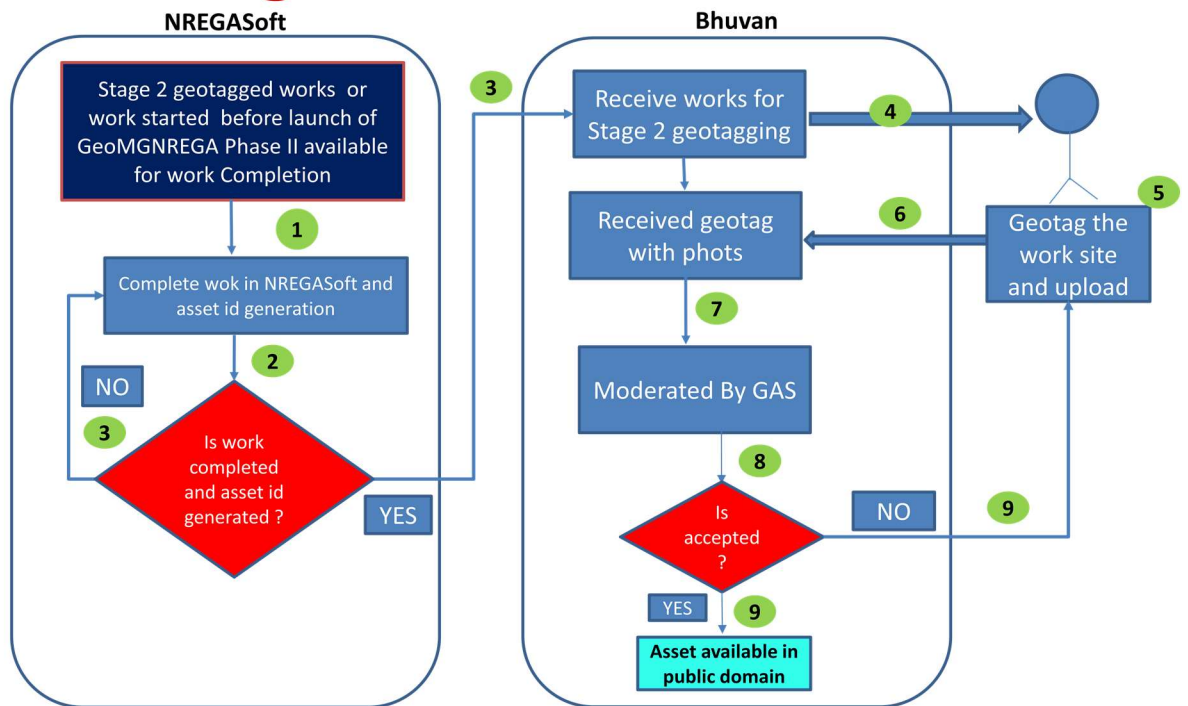


### Stage 3 (AFTER): After completion of asset

In this Stage, assets should be geotagged after the completion of the work. Works with Stage 2 geotag status shall only be available to mark as completed in NREGASoft. **The process currently being adopted for geotagging of assets will be continued for Stage 3.**

**Note:** GeoMGNREGA Phase-II will be implemented in prospective manner. The works which are already ongoing, before the roll out of GeoMGNREGA Phase-II will be geotagged as per the current provision ( i.e. on completion).

## Flow Chart-Stage 3



**Annexure-II****List of GIS Pioneering District(GPD)**

<b>S No.</b>	<b>States</b>	<b>District</b>
1	ASSAM	Morigaon
2	GUJARAT	Patan
3	HARYANA	Yamunanagar
4	JAMMU AND KASHMIR	Jammu & Budgam
5	MAHARASHTRA	Nagpur
6	PUDDUCHERY	Pondicherry
7	MEGHALAYA	East Khasi Hills
8	ODISHA	Angul
9	PUNJAB	Moga
10	SIKKIM	South Sikkim
11	WEST BENGAL	North 24 Parganas
12	ARUNACHAL PRADESH	West Kameng
13	BIHAR	Sheikhpur
14	HIMACHAL PRADESH	Solan
15	JHARKHAND	Giridih
16	MADHYA PRADESH	Sehore
17	MANIPUR	Imphal East
18	RAJASTHAN	Udaipur
19	TRIPURA	West Tripura
20	UTTAR PRADESH	Varanasi
21	ANDAMAN & NICOBAR	North & Middle Andaman
22	GOA	North Goa
23	ANDHRA PRADESH	Visakhapatnam
24	CHHATTISGARH	Dhamtari
25	KARNATAKA	Shimoga
26	KERALA	Thiruvananthapuram
27	MIZORAM	Aizawl
28	NAGALAND	Kohima
29	TAMIL NADU	Thiruvavur
30	TELANGANA	Warangal
31	UTTARAKHAND	Udham Singh Nagar