



MUMBAI METROPOLITAN REGION SLUM REHABILITATION AUTHORITY
(excluding the Brihan- Mumbai Municipal Corporation Area)

No.MMR,SRA/Circular/04 /2021

Date : 28 MAY 2021.

Circular No: 03A

Sub:- Procedure to be followed for the demarcation of the slum scheme boundary while submitting the slum rehabilitation scheme proposal.

Ref :- Mumbai, SRA's Circular No.144 B, Dtd.28/12/2015.

As considering the Mumbai, SRA's Circular No.144B, Dtd.28/12/2015, the Chief Executive Officer, MMR SRA has decided as follows;

1. The following procedure shall be followed for submitting the S.R. Scheme boundary to be approved hereafter.
 - a) Undertake Ground Control Survey using Differential Global Positioning System (DGPS) observation with two base stations (set up by MCGM*) observations. The DGPS observations of these two base stations will be provided by MMR, SRA on demand for specific date/time (as per date and time of survey).

***MCGM Base Setup Details:-**

- Dadar - Trimble NetR9
 - Jogeshwari - Trimble NetR9
- b) To get the observations of two DGPS base stations, authorized Architect appointed by the Society/Developer of S.R. Scheme should send a request to DSLR, MMR, SRA. Copy of the authority letter of General Body Resolution (GBR) should be attached with the request. The request can be made through a plain paper or through an Email to dslr@sra.gov.in.
 - c) Conduct detailed ground survey by Electronic Total Station (ETS) using processed DGNSS# ground control points.

#DGNSS Specifications-

- Minimum 200 Channels
 - Dual Frequency (L1,L2) GPS + GLONASS and should be able to track GAGAN signals for static accuracy
 - Baseline Processing Accuracy for 10 KM should not be more than 10cm Horizontal and 20cm Vertical accuracy.
- d) Create the close polyline of slum scheme boundary in CAD software.
 - e) Convert the closed polyline into ESRI shape file as per below schema;

Name of the Shape file -<Scheme Name>SRACHS

Projected Coordinate System - WGS 1984 UTM 43N

Attributes Fields -

- i. Scheme Name
 - ii. Area in Square Meter
 - iii. Length
 - iv. CTS No.
 - v. Ward Name
 - vi. Village Name (Standard List shall be provided on SRA Website)
 - vii. Taluka Name (Standard List shall be provided on SRA Website)
 - viii. District Name (Standard List shall be provided on SRA Website)
 - ix. Nearest Landmark
 - x. Survey Agency Name
 - xi. Developer Name
 - xii. Architect Name
 - xiii. Tentative Slum Hutments
 - xiv. Local Slum Name
- f) The GIS data with DGPS processing report containing Baseline network Photo of DGPS point and Coordinates should be submitted in properly tagged Compact Disc (CD) (eg. Proposal Number and Scheme Name) in 3 Three sets to Engineering Department, MMR,SRA. The Engineering Department will forward 1 (One) CD along with Annexure IV to City Survey Department, MMR,SRA and 1 (one) CD to IT Department.
- g) IT Department, MMR,SRA will verify the overlapping of proposed S.R.Scheme boundary on GIS base map using submitted.GIS Data.
2. MMR,SRA has envisaged to empanel the survey agencies to conduct the GIS survey and prepare the S.R. Scheme boundary in the desired format. The developer shall be bound to use the services of empanelled agencies only to maintain data standards. Till the completion of agency empanelment process, developer is free to choose any survey agency provided it adheres the MMR,SRA guidelines regarding GIS data format.
3. The amendment and the instructions of this circular will be come in force with immediate effect.



Chief Executive Officer
MMR Slum Rehabilitation Authority

Copy to :-

1. P.A. to Hon'ble CEO, MMR,SRA.
2. Secretary, MMR,SRA.
3. Finance Controller, MMR,SRA.
4. Dy.Chief Engineer, MMR,SRA.
5. Deputy Collector & Competent Authority (1,2,3), MMR,SRA.
6. DDTP, ADTP, MMR,SRA.
7. DSLR, MMR,SRA.
8. Chief Legal Consultant, MMR,SRA.
9. Executive Engineer, MMR,SRA.
10. Assistant Registrar, MMR,SRA.
11. Estate Manager, MMR,SRA.
12. I.T., MMR,SRA.
13. PRO, MMR,SRA.