

Additional Information for interested Firms / Agency in connection with GIS based MAP preparation of old planning area of HDA.

(Please refer to EOI of HDA in this regard. The last date of submission of E.O.I is 09-10-2009 up to 03-00pm remains unaltered)

(In response of various queries following information are being given at the official website of HDA)

**A. Statement of Objective:**

- + Preparation of plot level multilayer digital GIS based land use map for old planning area of Haldia Development Authority (area 326.92 Sq. Km) in 1: 3960 scale for development of an accurate base map of HDA area, (ii) preparation of Land Use & Development Control Plan, (iii) Land Record & Land transaction management at micro level and in general Proper Land management, (v) Preparation of zonal development plan, (vi) Water supply & distribution network management, (v) Storm water drainage management, (vi) Sewage management (vii) Transport Management Plans etc., (viii) for saving of time in all type of future planning and implementation.

**B. Outline of the tasks to be carried out:**

Stage-1

- + The map should be prepared by using scanned images of mouza map (Revenue map), Survey of India Topographic sheets & superimposing of high resolution satellite image (Cartosat-2, resolution-0.85m) on it.
- + The map should depict Administrative boundary of HDA, Municipality / Block boundary, Ward / Gram Panchayat boundary, Mouza Boundary and plot boundary.
- + All physical features like water bodies, Roads (NH, SH, other major roads & minor roads, culverts, bridges, High Tension Lines, Drainage system, pipelines, Railway lines, Railway stations etc. are to be clearly shown with measurements like length & area and altitude from mean sea level.
- + Property line of major organizations like Indian Railway, National Highway Authority, Kolkata Port Trust (Haldia Dock Complex), HDA etc.
- + Transferring of existing land use data on the digitized map.
- + The map should be available in Auto CAD format and also in Arc. GIS format.

Stage-2

- + Transferring future Land use proposals (proposals of LUDCP) on the digitized base map.
- + Provision for future layer addition and data addition and in the base map.

**C. Schedule for completion of Tasks:**

Stage-1

- + Six months from the date of engagement of agency.

Stage-2

- + Fifteen days from the date of supplying of future land use proposal by HDA.

**D. The support or inputs to be provided by HDA:**

- + Scanned images of mouza maps (Sheet wise, 258 mouza i.e. 310 mouza sheets.)
- + Cartosat-2 satellite images.
- + Hard copy of existing Land Use.
- + Hard copy of Land use proposal.

**E. Final output:**

- + Plot level multilayer digital GIS based land use map of old planning area of Haldia Development Authority (area 326.92 Sq. Km) in 1: 3960 scale in Auto CAD format and also in Arc. GIS format for various administrative variables.

Date: 30-09-2009

Memo No. 1343/1(1)/HDA/IX-102

Copy forwarded to "Systech", Haldia

Chief Executive Officer  
Haldia Development Authority  
Dtd. 30/09/2009

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Chief Executive Office  
Haldia Development Authority