

Farakka Planning Authority

“Invites Expression of Interest” from experienced firms / agencies having necessary infrastructure for preparation of digitized GIS based Map for FPA area by using Cadastral Survey Maps & Satellite Images.

About FPA : Farakka Planning Authority (FPA) is the Authority for the preparation of LUDCP, under Urban Development Department, Govt. of West Bengal.

Projects : FPA intends to have a GIS based Map prepared for the planning FPA area (51.285 Sq. km) by a suitable agency.

Eligibility to Participate:

1. The firm / agency should have experience of similar kind of at least three Jobs each not less than one hundred Sq. km area each.
2. The firm / agency should have at least three years experience in this field.
3. *The agency should have necessary infrastructure including expert manpower.*

Selection Procedure : The qualified short listed parties shall be required to submit a detail proposal mentioning the method of work, time schedule and financial factors.

Please submit EOI by 27/07/10-5PM to the District Magistrate, Murshidabad & Chairman of Farakka Planning Authority. Murshidabad Collectorate, Berhampore, Murshidabad.
(website : <http://Murshidabad.Gov.in>)

Additional Information for interested Firms / Agency in connection with GIS based MAP
Preparation of planning area of FPA

A. Statement of Objective:

- ✦ Preparation of plot level multilayer digital GIS based land use map for old planning area of Farakka Planning Authority (area 51.285 Sq.km) in 1: 3960 scale for development of an accurate base map of FPA area, (ii) preparation of Land Use & Development Control Plan, (iii) Land Record & Land transaction management at micro level and in general Proper Land management, (iv) Preparation of Zonal development plan, (v) Water supply & distribution network management, (vi) Storm water drainage management, (vii) Sewage management, (viii) Transport Management Plans etc., (ix) 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 FPA, Block boundary, Gram Panchayat, 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, NTPC, Farakka Barrage Project 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 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 FPA.

D. The support or inputs to be provided by FPA:


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- ↓ Scanned images of mouza maps (17th Mouza)
- ↓ Hard copy of existing Land Use.

E. Final output:

- ↓ Plot level multilayer digital GIS based land use map of planning area of Farakka Planning Authority (area 51.285 Sq. Km) in 1: 3960 scale in Auto CAD format and also in Arc. GIS format for various administrative variables.

Date : / / 2010



District Magistrate, Murshidabad &
Chairman, Farakka Planning Authority

Memo No. 94/F. P. A. - 2010

Dtd. 14 / 07 / 2010

Copy forwarded to DIO, NIC, Murshidabad

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Murshidabad District.


District Magistrate, Murshidabad &
Chairman, Farakka Planning Authority