

JHANSI DEVELOPMENT AUTHORITY, JHANSI

SEALED OFFERS CONSULTANCY SERVICES

FOR

**PREPARATION OF BASE MAP OF
JHANSI DEVELOPMENT AREA
BASED ON
SATELLITE IMAGE (PROVIDED BY THE AGENCY) OR
TOTAL STATION TECHNIQUE**

**DULY FILLED OFFER DOCUMENT SHOULD BE SUBMITTED IN SEALED
ENVELOPES**

TO

SECRETARY, JHANSI DEVELOPMENT AUTHORITY, JHANSI

TILL 18-02-2015

OFFER OPEN DATE 19.02.2015

1.0 SCOPE OF WORK

Preparation of base map (existing land use map) based on satellite image or total station technique and superimposition of 62 revenue village sajara plans on Base Map of Jhansi Development Area covering approx. 385 sq. km. Satellite image to be provided by the agency with proper geo referencing and registration.

Land use mapping of major urban/rural objects like roads, drains >2 metre wide. Railway line, H.T./L.T lines, historical monuments, residential area, village abadi, religious buildings, shops and commercial establishments, industries, schools/colleges, institutions, plantation, etc. and natural objects like water bodies, river, streams, canals, mountains etc. (Annexure 1)

2.0 TIME SCHEDULE:

2.1 Three months from the date of issue of work order.

3.0 SUBMISSION OF DRAWINGS:

3.1 The agency shall submit one copy of the maps of the entire area at 1:4000 scales in black and white Gateway tracing paper along with grid lines.

3.2 One black and white (on tracing paper of gsm 95-100) and four coloured copies each of 1:8000 and 1:16000 scale map along with demarcation of urban/rural land uses and natural features (including superimposition of 62 revenue village sajara plans) as per the scope of the work.

3.3 The land use area details as per categories lay down in the land use map.

3.4 All the above data shall also be provided in soft copy on CD.

4.0 PAYMENT SCHEDULE:

4.1 No advance payment shall be made

4.2 Submission of digitized data of Satellite image/
Total Station technique in soft copy on CD and
Submission of initial printout for further survey. 30%

4.3 Submission of final drawing as per details
given in para 1,2 and Annexure-1 40%

4.4 Remaining amount to be released after checking
and verification of the submitted work
(Preferably within three months) 30%

5.0 GENERAL TERMS & CONDITIONS:

5.1 Drawings not found up to the specifications/ requirements shall be rejected and shall have to be submitted after due correction.

5.2 The rates are to be quoted inclusive of all taxes and duties whatever and wherever applicable.

5.3 It is suggested that applicant agency should have its own assessment of work after making a site visit and may have a fair idea of hindrances and site conditions before quoting its rates. No claims in this regard shall be entertained at later stage. The rates quoted shall remain firm during entire period of execution till completion of the work and any additional claim for lack of knowledge shall not be entertained.

- 5.4 The work shall be executed according to the specification and good standard of practice necessary to fulfill the objective of the work, strictly in accordance with the instructions and satisfaction of the Jhansi Development Authority & Town and Country planning Department (U.P)
- 5.5 The applicant agency must not have been blacklisted, debarred or penalized by any Govt./Private agency.
- 5.6 The applicant agency must have sufficient experience (minimum five years) of similar nature of the work (attach supportive document).
- 5.7 Agency has to return back all maps, documents and data in original and their all copies provided to the agency or its representatives by Jhansi Development Authority. Data provided by the Development Authority & Town and Country Planning Department, U.P. or maps/drawings generated by this data shall not be used or supplied to any other agency for any purpose and an undertaking to this effect shall be submitted to the Secretary, Jhansi Development Authority, Jhansi.
- 5.8 Vice Chairman, Jhansi Development Authority, Jhansi reserves the right to accept or reject any offer without assigning any reason.
- 5.9 Area quoted in rate schedule is approximate and may increase or decrease.
- 5.10 An amount of Rs. 10,000/- in form of NSC/FDR of any nationalized bank in favour of “Secretary, Jhansi Development Authority, Jhansi” as earnest money to be submitted along with offer form.
- 5.11 In addition to the earnest money an amount up to 10% of the total cost of work as security shall be submitted at the time of agreement. The security shall be released after two months from the date of completion of the work.
- 5.12 An agreement on stamp paper of the stipulated amount shall be written between Agency and Secretary of the Development Authority. The stamp paper of the stipulated amount shall be provided by the agency.
- 5.13 Work shall be completed within the time given, if not a penalty up to 1% shall be imposed and the security may also be forfeited.
- 5.14 Any dispute arising shall be referred to the Vice Chairman, Jhansi Development Authority, Jhansi.

Annexure-1
WORK DETAIL

S. No	Description	Unit Rate (Rs/sq. Km)	Qty	Estimated Cost (Rs)
1	BY SATELLITE IMAGERY		Total Area 385 sq. km. Approx.	
	A) QB Satellite Imagery procured by the Agency for Authority at the terms & conditions of National Remote Sensing Agency (Govt. of India), Hyderabad			
	B) QB Satellite Imagery processing cost of each Imagery at 0.6 meter resolution which includes: (1) Registration of the Imagery (2) Interpretation & Processing of Satellite Imagery using various software's & Remote sensing techniques.			
	C) Scanning & Digitization cost of interpreted QB B/W or colour Satellite imagery - Mostly Non Built- up area/ Open area (including Village Abadi)	Rs_____		
	BY TOTAL STATION TECHNIQUE - Mostly Non Built- up area/ Open area (including Village Abadi)	Rs_____		
2	Digitization and superimposition of 62 revenue village sajara plans including Khasra/ Arazi numbers & boundaries etc. on Base Map	Rs_____ Per Village Sheet		
	Including:- (i) Agency will provide Land use mapping of major urban/rural objects like roads, drains >2 metre wide, railway line, H.T./L.T lines, historical monuments, residential area, village abadi, religious buildings, shops and commercial establishments, industries, schools/ colleges, institutions, plantation, etc. and natural objects like water bodies, river, streams, canals, mountains etc. (ii) Will provide training to Authority professionals for conducting survey. (iii) Authority/ Town Planning Department will mark the built- up area on printouts provided by the Company. (iv) Agency will enter the data compiled by the Agency & provided by the Authority in excel sheet. (v) Superimposition of 62 revenue village sajara plans including Khasra/ Arazi numbers & boundaries etc. on Base Map prepared by the Agency.			