



# VISVESVARAYA JALA NIGAM LIMITED

(A Govt of Karnataka Enterprise)

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CIN No. U41000KA2016SGC097260

Office of the Executive Engineer,

VJNL. U.B.P Division no.3,

Ajjampura-577 547

**NO: EE/VJNL/UBP/D-03/Ajjampura/PB-2/Quotation//2018-19/ 1253 dated: 02.02.2019**

## **INFORMATIVE QUOTATION NOTIFICATION**

Informative quotations are invited for the works under “**Consultancy Services for survey, investigation, Detailed Engineering, Preparation of Designs, Drawings, Estimates, Draft Tender Documents including preparation of necessary land acquisition proposals for Implementation of Drip Irrigation and tank filling scheme under Upper Bhadra Project.**” as per the Standard norms of VJNL by the undersigned on behalf of the Managing Director, Visvesvaraya Jala Nigam Limited from the registered consultant agencies. Details of salient features and index map can be obtained from this office and VJNL website [www.vjnl.in](http://www.vjnl.in).

### **Scope of Work:**

**"Consultancy Services for survey, investigation, Detailed Engineering, Preparation of Designs, Drawings, Estimates, Draft Tender Documents including preparation of necessary land acquisition proposals for Implementation of Drip Irrigation under Upper Bhadra Project." The approximate area to be surveyed for drip irrigation is 11635.90 Ha ICA (Ha GCA) in Tarikere and Kadur Taluk of Chikkamagalur District under Tumkur Branch Canal”.**

**Work consists of the following items:**

<b>Sl. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Quoted Rate</b>
1	Collection of relevant topo sheets, land revenue records such as Village revenue survey maps, RTC documents, details of existing lands with drip irrigation/sprinkler systems, cropping pattern, details of MI tanks from MI department and ZP authorities, preparation of list of beneficiaries all as per the direction of Engineer-in-Charge	Per Job	
2	Carrying out Topographical survey of the command area using total station / LiDAR / DGPS instrument and preparation of Contour Drawing with 0.5 m Contour Intervals, collection of all village maps falling under the command area, superimposing the Topographical survey drawing to form command area maps and submission in 5 sets of Hard Copy and Soft copy in editable format as directed by Engineer-in-Charge	Per Hectare	
3	Preparation and submission of C-plan for Bulk Feeders that would supply water through pipes from main canal to 500 Ha sub Blocks (approximate block Size) as per approved cut off statement for main canal including soft copies in editable format without delinking data etc., complete as directed by the Engineer in charge.	Per Hectare	
4	Calculation of crop water requirement based on agro climatical data and soil study and assessment of exact irrigable command area, calculation of water requirement by adopting Drip Irrigation method with approved efficiencies as per FAO/CWC norms all as per the direction of Engineer-in-Charge	Per Hectare	

<b>Sl. No.</b>	<b>Description</b>	<b>Unit</b>	<b>Quoted Rate</b>
5	Detailed survey along the planned alignment of Pressure distribution/Gravity main pipe line and distribution network, survey along the planned alignment of main pipe line from delivery chamber, identification of crossings, modifications required as per site condition, finalization of alignment, identification of major structures, soil strata classification after taking trial pits/bores and any other data required for design of Drip Irrigation system as per guidelines of BIS codes, WRDO /VJNL norms all as per the direction of Engineer-in-Charge	Per Hectare	
6	Design and layout of sump cum pump houses, macro pipe distribution network and structures along the alignment of pipe distribution network up to beginning of Irrigation system (Sub zones) all as per the direction of Engineer-in-Charge.	Per Hectare	
7	Design and layout of Drip pipe distribution network and structures along the alignment of Drip pipe distribution system with the sub zones as per the direction of Engineer-in-Charge	Per Hectare	
8	Planning and design of Drip Irrigation system as suitable for designed/Approved cropping pattern including arrangement for feeding the tanks consisting of suitable pumps, pipe network and suitable type of automation system etc., all as per the direction of Engineer-in-Charge	Per Hectare	
9	Planning and Design of Electrical substations, Transformers, Power Transmission line arrangements including independent express line from the nearest substation for required for Drip Irrigation System to all the sub blocks, all as per the direction of Engineer-in-Charge. This has to be done in co-ordination with the concerned ESCOM/KPTCL.	Per Job	
10	Preparation of DPR, Detailed Estimate for pumping unit, pressurized irrigation network (PN), distribution chamber, transformer centre and bringing power line(all required electro mechanical and civil components) main pipeline system, micro distribution network system and automation system with current schedule of rates, including getting approval to DPR and Detailed Estimate including operation and maintenance for Five years as per BIS codes, WRDO/VJNL norms all as per the direction of Engineer-in-Charge	Per Hectare	
11	Preparation of Draft bid document(DTP) for the scheme with relevant detailed technical specifications as per the IS code on Item rate tender basis, getting approval for the same including operation and maintenance for Five years as per guidelines of VJNL/WRD norms all as per the direction of Engineer-in-Charge.	Per Hectare	
12	Preparation of land acquisition proposals required for the implementation of Drip Irrigation system as per latest land acquisition act 2013 (11/1 notifications) all as per the direction of Engineer-in-Charge	Per Hectare	
13	Submission of 5 sets in hard copy and 1 set in soft copy of all Designs, drawings DPR, Detailed Estimate, Bid documents, land acquisition proposals and all other data and worked out details all as per the direction of Engineer-in-Charge	Per Job	

- Note: 1. The rates shall be quoted for each sub items.  
2. The rates shall be inclusive of GST and all taxes etc.

3. The quotation shall be submitted on or before 15.02.2019 to the office of the Executive Engineer, VJNL, UBP, Division No.03, Ajjampura

Sd/-

Executive Engineer,  
VJNL, UBP Division No 3,  
Ajjampura

1. Copy submitted to Managing Director, VJNL, No 148, Embassy Square, Infantry Road, Bangalore – 560001 for kind information with a kind request to publish in VJNL Website.
2. Copy submitted to Chief Engineer, VJNL, UBP Zone, Chitradurga, for kind information.
3. Copy submitted to Superintending Engineer, VJNL, UBP Circle No. 1, B R. Project for kind information.
4. Copy submitted to Executive Engineer, VJNL, UBP Division No 1, Mutinakoppa / No 2, B. R. Project, No 4, Hosadurga.
5. Copy forwarded to Assistant Executive Engineer, VJNL, UBP Sub Division No 7/8/9 Ajjampura
6. Copy to Division Account section for information and necessary action.
7. Copy to Office Notice Board.

Executive Engineer,  
VJNL, UBP Division No 3,  
Ajjampura