

**GOVERNMENT OF JAMMU AND KASHMIR**  
**Office of the Executive Engineer Irrigation & Flood Control Division Srinagar.**  
(SDA Building near Police Control Room Srinagar)

Kashmir Irrigation & Flood Control Department, Srinagar



**T E N D E R D O C U M E N T**  
**FOR**

**Providing, Installation, Testing, Commissioning and Maintenance  
of Acoustic Doppler Current Profiler (ADCP) with software and its  
Accessories**

**ENIT.No:- 20 of 2017-18**

**Implementing Agency**

**I&FC Division Srinagar**

Email:- [exenifcdsrinagar@ifckashmir.com](mailto:exenifcdsrinagar@ifckashmir.com)

GOVERNMENT OF JAMMU AND KASHMIR  
Office of the Executive Engineer Irrigation & Flood Control Division Srinagar.  
(SDA Building near Police Control Room Srinagar)

E-NIT No. (20) OF 2017-18

**SUBJECT WORK:-** Providing, Installation, Testing, Commissioning and Maintenance of Acoustic Doppler Current Profiler (ADCP) with software and its Accessories

For and on behalf of Governor of J&K State Executive Engineer, Irrigation and Flood Control Division, Srinagar, invites tenders by e-tendering mode from one Number of vendor namely. **M/S A&S Creations West Patel Nagar, New Delhi-110008** who qualified among **three number of participants** in the pre requisite documents and in **successful practical demonstration of the equipment** at the proposed site of River Jhelum for the EOI tendered by this office vide ENIT No 05 of 2017-18 issued vide No I&FCD/SGR/CC/1203-18 Dated:- 08/05/2017 to submit its **price bid** for the **Providing, Installation, Testing, Commissioning and Maintenance of Acoustic Doppler Current Profile (ADCP) with software and its Accessories as per the specifications in Annexure "A"**. *Besides the above mentioned one number vendor, no other bid of the vendors/agencies shall be entertained, if any shall be rejected outrightly.* The bidding process shall be completed online in one cover i.e Financial Bid in the prescribed BOQ.

The bidding documents consisting of qualifying information, eligibility criteria, and bill of quantities [B.O.Q.] set of terms and conditions of contract and other details can be seen/downloaded from the website [www.jktenders.gov.in](http://www.jktenders.gov.in) as per schedule of dates given hereunder:

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<b>Position of Funds:</b>		<b>Demanded</b>
1.	Bid Document Downloading Start Date	10-10-2017 17:00 PM
2.	Bid submission start Date	10-10-2017 17:00 PM
3.	Venue	Executive Engineer Irrigation and FC Division Srinagar
4.	Last Date & Time for Uploading (Submission) of Bids	18-10-2017 at 16: P.M
5.	Bid Validity Period	180 days
6.	Last Date of submission of Hard copies ( DD, EMD & latest Sales Tax clearance certificate)	19-10-2017 at 15 P.M
7.	<b>Date of opening of Price Bid.</b>	<b>21-10-2017 at 11 A.M</b>
8.	Bid Document Fee ( Non Refundable )	Rs.2000/=
9.	EMD (INR)	Rs.100000/=
10.	Time of Completion	<b>20 days.</b>

**Executive Engineer**

1. Bid documents can be seen at and downloaded from the website <http://jktenders.gov.in> from the date of document download.
2. The Bids shall be uploaded on the website <http://jktenders.gov.in> from the date of bid submission date to bid closing date.
3. The original copy of EMD, DD, and other documents as specified in tender document must reach the office of the Executive Engineer Irrigation and FC Division Srinagar through registered / speed post /by hand prior to one day of opening of the price Bid of the tender up to 1400 Hrs. The Department will not be responsible for any delay in delivery of the documents.
4. The complete bidding process will be online through <http://jktenders.gov.in>.
5. The Price Bid/Financial Bid shall be opened online in the office Executive Engineer of Irrigation and FC Division Srinagar as per time schedule mentioned above.
6. Bids must be accompanied by bid security and cost of Tender Document as specified in the NIT, payable at Srinagar. Bid security will have to be in the form of CDR/FDR of any scheduled bank and shall have to be valid for two year or more after last date of receipt of Bid to be pledged in favour of the Executive Engineer Irrigation and FC Division Srinagar. The cost of downloaded tender documents should be in form of postal order, Demand draft payable at Srinagar or Cash through G.R. in favour of the Executive Engineer Irrigation and FC Division Srinagar
7. The bid for the said work shall remain open for acceptance for a period of 180 days from the date of opening of bids. If any bidder/tenderer withdraws his bid/tender before the said period or makes any modifications in the terms and conditions of the bid, the said earnest money shall stand forfeited.
8. Other details can be seen in the bidding documents from the website <http://jktenders.gov.in>.
9. Bidders should get ready with the scanned copies of cost of documents & EMD as specified in the tender documents. The original instruments in respect of cost of documents, EMD and relevant documents be submitted to the Tender Inviting Authority by Speed/Registered post/courier as per time schedule specified.

10. The details of cost of documents, EMD specified in the tender documents should be the same, as submitted online (scanned copies) otherwise bid will not be accepted.
11. Bidders are advised to use **“My Documents”** area in their user on [jktenders.gov.in](http://jktenders.gov.in), e-tendering portal to store important documents like Experience certificate, Balance sheet, VAT Certificate, sales Tax Clearance Certificate and other related documents etc., and attach these certificates as Non Statutory documents while submitting their bids.
12. Rates quoted by the bidders in the **BOQ (Bill of Quantities)** should be for Complete job viz.
13. The quoted rates shall be **inclusive of all taxes, duties, levies, charges, Transportation cost and transit insurance cost, Commissioning /demonstration of the equipment, training to the field staff and an AMC of 03 years.**
14. Rates should be firm and final and no escalation of cost shall be permissible in any case. Rates with conditionality or provision of escalation will be rejected.
15. **The rates should be quoted in Indian currency only**
16. Bidders are advised not to make any change in BOQ (Bill of Quantities) contents or its name. In no case they should attempt to create similar BOQ manually. The BOQ downloaded should be used for filling the net item rate inclusive of all taxes and it should be saved with the same as it contains.
17. **Bidders are advised to scan their documents at 100 DPI (Dots per Inch) resolutions with Black and White, JPEG Scan properly,** convert scanned images to PDF
18. The guidelines for submission of bid online can be downloaded from the website <http://jktenders.gov.in>

**20. Terms of Payment:**

Taxes, shall be deducted as per the standing rules. In no case advance payment shall be made.

Payments shall be released as under:-

- a) 85% (Eighty five percent) of the Contract Value shall be released after successful/supplyof the equipment as per conditions stipulated in the tender document along with required documents subject to the availability of funds.
- b) 15% (Fifteen percent) of the contract value shall be released during AMC period in three equal installments.

21. The supplier shall have to provide equipment with a warranty of 03 years.
22. The supplier shall have to provide service & maintenance after AMC period of 3 years on terms and conditions mutually agreed upon.
23. The supplier shall have to give complete training to field staff for application of equipment such as monitoring of dredging, measuring velocity & taking of river profile, hence measurement of discharge.
24. The supplier shall have to address any complaint regarding its functioning within a period of seven days after its report.
25. Brochure having complete details of various features/functions of the equipment shall have to be provided with the supply.

**No. I&FCD/SGR/CC/6859-73**

**Dated:- 10/10/2017**

**Sd/=**  
**Er. S.Sartaj Singh**  
**Executive Engineer**  
**Irrigation& Flood Control Division**  
**Srinagar**

**Copy to the:-**

1. Chief Engineer Kmr. Irrigation and Flood Control Department, Srinagar for information.
2. Superintending Engineer Hydraulic Circle Srinagar for information.
3. Director Information Department, Srinagar for information. He is requested to get the ENIT published in two leading dailies before its due date
4. Assistant Executive Engineer P&D Sub Division, Srinagar for information.
- 7-9. H.D/ H.A /A.A.O/ Divisional office for information.
10. Notice Board.

**ANNEXURE 'A'**

**TECHNICAL SPECIFICATIONS AND REQUIREMENTS FOR :-  
Providing, Installation, Testing, Commissioning and Maintenance of  
Acoustic Doppler Current Profiler (ADCP) and its Accessories (including  
Software):-**

1. The Acoustic Doppler Current Profiles is to be used for monitoring dredging, recording of cross sectional profile, water current (velocity), water depth (sounding), flow of water (discharge) of various water bodies of Kashmir valley viz River Jhelum, tributaries of River Jhelum, Lakes like Dal Lake and Wullar Lake etc. The parameters of these water bodies are as under:-
  - i) Water depth:- minimum zero to maximum 20m
  - ii) Velocity range:- minimum 0.25ft/sec to maximum 15ft/sec.
  - iii) Discharge range:- minimum a few cusecs to maximum 80000 cusecs.
  - iv) Maximum width of River Jhelum: - 250m
  - v) Minimum width of tributaries:- 75 m
2. The Acoustic Doppler Current Profiler should be portable, solid state having internally integrated DGPS.
3. The system should have provision to be upgraded in future for Bathymetry survey and velocity mapping applications without any change of Hardware System.
4. All discharge computations should be simultaneously done both within the Acoustic Doppler Current Profiles and on the host computer. Data should not be lost if communications drop out. There should be provision for operating ADCP with smart phone.
5. The ADCP should have provision to be operated by moving boat method and by stationary method (section by section).
6. The ADCP should have automatic system set up allowing the user to start a measurement very quickly and should have customizable user interface, graphs and tabular data.
7. The ADCP should have floating platform with carrying case and recharge batteries along with battery charger.
8. The ADCP should operate between a temperature range of -15°C to +40°C
9. The ADCP should have a power & communication module with 2.4 GHZ radio modem and a receiver module at the Laptop end. Wireless range between the Laptop & the ADCP should be atleast 450m.
10. Laptop with suitable configuration should be supplied alongwith the ADCP.
11. The ADCP should have internal temperature sensor, solid state compass and tilt sensor.
12. The Acoustic Doppler should have internal memory minimum of 8 GB or more.

**Executive Engineer**

## **TERMS AND CONDITIONS OF NOTICE INVITING TENDER**

### **1. Consignee/Paying Authority:**

Executive Engineer, Irrigation and Flood Control Division, Srinagar

2. The offer should be valid for a period of 180 days from the date of opening of price bid. Such of the tenders which will not be valid for 180 days from the date of opening shall be rejected, even if the rates offered are lowest.
3. The tenderer (s) shall have to quote for complete job strictly in conformity with the terms and conditions of the tender notice.
4. Conditional tenders shall be rejected even if the rates offered are found to be lowest. Tenders with the conditions such as 'Subject to Market Fluctuations' will also be rejected.
5. The tender documents are non-transferable.

### **6. Inter-dependent Tender:**

Tender(s) which are dependent upon the quotations of other shall not be entertained.

### **7. Expenses for Tendering:**

The tenderer(s) shall not be entitled to any claim towards expenses incurred on incidental charges at the time of submission of the tenders or subsequent evaluation/ clarifications thereof.

### **8. Earnest Money:**

The tender(s) shall be accompanied with earnest money for the work in the form of CDR/FDR pledged to Executive Engineer I & FC division Srinagar.

#### **Tenderers should carefully note that:-**

- i. Tenders not accompanied with requisite amount of earnest money shall not be entertained even if the rates offered are found to be lowest.
- ii. No exemption or concession towards furnishing of earnest money will be given to the tenderers registered with DGS&D/NSIC Small Scale Units except the Small Scale Units registered with Director, Industries and Commerce Department J&K in which case guidelines framed by Industries Department shall apply.
- iii. The tenderers should note that the tender should be accompanied with fresh CDR/FDR towards the earnest money, reference or claim of the firm for  
Consideration of CDRs/FDRs already lying in the Department, towards earnest money with this tender, will be out rightly rejected.

9. Earnest money shall be refundable to unsuccessful tender(s) only after finalization of the tender and shall be retained in case of successful tenderer(s) which shall be treated as security deposit to be refunded after the AMC period of 3 years.

The earnest money of the tenderer who back outs or withdraws his tender or fails to abide by its offer after the acceptance is conveyed or posted to the addressee, shall be forfeited to the Government of J&K state besides other remedies available to it under any law being enforce in the State to recover the extra cost, if involved in getting the job executed through some other agency, at defaulters risk and cost.

**10. Opening of Financial Bid:-**

Financial Bid shall be opened by the Executive Engineer I & FC division Srinagar, in his office chambers on the due date or on any other subsequent date convenient to the Tender Opening Committee in presence of tenderer(s) who may wish to remain present at the time of opening of tenders.

11. The Executive Engineer Irrigation and FC Division Srinagar shall have the discretion to cancel the work at any time during its currency in case of default on the part of tenderer, work as may be warranted by the situation at the risk and cost of the tenderer.

13. The Executive Engineer Irrigation and FC Division Srinagar reserves the rights to accept or reject any or all tender(s) in part or full without assigning any reason thereof.

**14. Prices:**

The tenderer(s) are required to quote the rates for complete job inclusive of all taxes, levies, charges etc after properly analyzing the specifications.

**The tenderers should not quote/mention any item as : “as applicable at the time of installation of job” and are as such advised to quote exact rate inclusive of all type of taxes, duties and charges as applicable. It is as such in the interest of the tenderers to consult for the same from the concerned Departments of Govt. of India as well as J&K Sales Tax Department before quoting / tendering the rates.**



**16.** In the event of any increase ordered by Govt. of India/J&K Govt. in any of the taxes/statutory levies during currency of the rate contract, such increase in rates shall have to be borne by the successful tenderer. However in case of any decrease in such taxes/levies if any ordered during the currency of the rate contract, such benefits shall have to be passed on to the Department.

**18. Completion period:**

The work is to be completed in 20 days (Sixty) days after issuance of allotment.

**19. Indemnity Bond:**

The firm shall furnish an indemnity bond on non-judicial stamped paper for the total value of the order valid for 18 calendar months from the date of receipt of last consignment towards the following:-

- a) Satisfactory completion of the order.
- b) Satisfactory working/performance of the supply and

**20. Agreement:**

As soon as allotment is communicated to the firm, the contract shall be complete and binding upon them, the firm shall also be required to execute an agreement with the department within seven days from the date of issuance of allotment which has to be returned to this office duly filled up, signed and sealed (Page wise) by the prop. or any other authorized officer of the firm witnessed by two persons and attested by the Notary. Three copies of the allotment duly signed by the Prop. Or any other authorized officer of the firm in token of acceptance of allotment should also accompany the agreement. Failure to execute such an agreement in time shall not however, prevent this contract from being enforced against the firm and the date of delivery of the material/completion of works shall be reckoned from the date of issue of the Allotment order in favour of successful firm.

**21.** The contract shall be deemed to have been entered into at Srinagar within ordinary civil jurisdiction of J&K Court only.

**22.** All other terms and conditions as laid down in form No.25 of P.W.D. shall remain in force and binding on successful tenderer.

**Er. S.Sartaj Singh**  
**Executive Engineer**  
**Irri. & Flood Control Divn.Srinagar**

