

Tender Document

UTTARAKHAND RURAL WATER SUPPLY & SANITATION PROJECT (Department of Drinking Water and Sanitation, Uttarakhand)

Tender Notice (IFB No) :1903/C-04(Part-vii)/2016 dated 25 November, 2016

Invites

Online tender for the Supply of MULTI PARAMETER WATER QUALITY FIELD TEST KITS under Two Bid system from the original Manufacturer /authorized distributor of Field Test Kit for chemical testing of water samples, having valid ISO: 9001:2008 certificate of Field Test Kit for chemical testing of water samples.

Project Management Unit (Swajal Project)

**First Floor, The Institution of Engineers (India) Building,
Delhi (Saharanpur) Road, Near ISBT, Dehradun -248171 (Uttarakhand)**

Phone: 91-135-2643455, 2643380
E-mail: pmu_uttaranchal@rediffmail.com

Fax: 91-135-2643381
Web Site: <http://swajal.uk.gov.in>

UTTARAKHAND RURAL WATER SUPPLY & SANITATION PROJECT
(Department of Drinking Water and Sanitation, Uttarakhand)
Project Management Unit (Swajal Project)

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NOTICE INVITING e-TENDER (NIT)

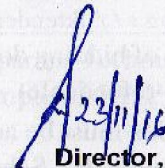
1	Tender Notice (IFB-No)	:	Letter No. 1903 /C-04(Part-vii)/2016 dated 25 Nov , 2016
2	Bid No.	:	01-WQM&S/2016-17
3	Name of Work	:	FOR THE SUPPLY OF MULTI PARAMETER WATER QUALITY FIELD TEST KITS
6	Website for downloading and online submission of Bid	:	https://uktenders.gov.in
7	Period of downloading of bidding document	:	25 th November, 2016 at 12:00 Hrs to 16 th December, 2016 upto 17:00 Hrs.
8.	Period of Online submission of bidding document	:	26 th November, 2016 at 11:00 Hrs to 17 th December, 2016 upto 15:00 Hrs.
9.	Time, Date of opening of Bids (Technical bid)	:	17 th December, 2016 at 15:30 Hrs
10	Tender Fees (Non refundable)	:	Rs 1000/+ 14.5 % Vat (<i>Rs One Thousand + Vat</i>) ₹ 1145.00 (Rs. One Thousand one hundred forty five Only)
11.	Officers inviting Bid	:	Director, Project Management Unit- Swajal Project, First Floor, The Institution of Engineers (India) Building, Delhi (Saharanpur) Road, Near ISBT, Dehradun -248171

Note-

1. To participate e-tenders bidders should have at least valid class-II Digital signature Certificate (DSC).
2. The tender document consisting of detailed plans, complete specifications, schedule of requirement and set of conditions of contract to be compiled with other necessary documents can be seen on website <http://swajal.uk.gov.in> at free of cost. But the bid can only be submitted after uploading the mandatory scanned documents as specified in this tender document on the e-procurement website <https://uktenders.gov.in>.
3. Bid security shall be deposited in favour of Director, Project Management Unit and payable at Dehradun in the form of certified cheque, letter of credit, a demand draft, or a bank guarantee from a nationalized Bank located in India. Bid security in any other form will not be accepted. The bid security should remain valid for 45 days from last date for submission of bid.
4. Tender fee (nonrefundable, cost as given above) shall be deposited in favour of Director, Project Management Unit and Payable at Dehradun in the form of certified cheque or demand draft, from a nationalized Bank located in India. Tender fee in any other form will not be accepted.
5. Bidder shall have to upload the scanned copies of certified cheque, letter of credit, a demand draft, or a bank guarantee (as single pdf file) for related amount of bid security and also

scanned copy of certified cheque and Demand draft for the related amount of tender fees along with his bid.

6. The bidder shall have to deposit both the original Demand Draft/ certified cheque/ letter of credit or a bank guarantee (Tender fees and Bid security) in sealed envelope at the office of Director, Project Management Unit-Swajal Project, First Floor, The Institution of Engineers (India) Building, Delhi (Saharanpur) Road, Near ISBT, Dehradun 248171 (Uttarakhand) (the envelop shall be superscripted a " BID SECURITY AND TENDER FEE" with the name of work before the due date of opening of the Bid up to 15:30 hrs on 17th December, 2016.
7. The bidder shall scan (in 100 dps scan resolution) all the documents into pdf format for uploading as part of Bid. All documents uploaded in the website must be clear and readable.
8. Bill of Quantity (BOQ), which is the rate quoting sheet in MS-excel shall be downloaded, filled up properly and uploaded in the bid after digital signing. The bidder shall always open the BOQ sheet with Marcos enabled.
9. All further notifications/amendments, if any shall only be posted on official website <http://swajal.uk.gov.in>.
10. All documents relating to the tender shall be in English language.


23/11/16

Director,

**Project Management Unit (Swajal Project)
Uttarakhand**

NATIONAL COMPETITIVE BIDDING
FOR THE SUPPLY OF MULTI PARAMETER WATER QUALITY FIELD TEST KIT

1. The Government of Uttarakhand has received a Grant from the Government of India towards the cost of “Water Quality Monitoring & Surveillance and it is intended that part of the proceeds of this Grant will be applied to eligible payments under the contracts for which this Invitation for Bids is issued.
2. The Project Management Unit- Swajal Project now invites bids from eligible bidders for supply of Multi Parameter Water Quality Field Test Kits.
3. The provisions in the Instructions to Bidders and in the General Conditions of contract are based on the provisions agreed in Uttarakhand Procurement – 2008 Procurement of Goods and amendment made vide letter No. 177/xxvii(7)/2008 dated 15 June, 2015.
4. The bidding document may be obtained from office website: <http://swajal.uk.gov.in> and <https://uktenders.gov.in>
Price of bidding document : Rs 1000/+ 14.5 % Vat (*Rs One Thousand + Vat*)
(Non-refundable) Total Rs 1145.00 only
5. All bids must be accompanied by a price of Bid document and Bid security as specified in the Section – III : Schedule Of Requirement of bid document and must be delivered to the above office at the date and time indicated above.
6. In the event of the date specified for bid receipt and opening is declared a holiday for purchaser’s office, the due date for submission of bids and opening of bids will be the next working day.
7. The goods required, bidding procedures and contract terms are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents include:
 - (i) Instruction to Bidders (ITB);
 - (ii) Conditions of contract and restrictions to the bidder
 - (iii) Schedule of Requirements;
 - (iv) Technical Specifications;
 - (v) Bid form
 - (vi) Price Schedules;
 - (vii) Bid Security Form;
 - (viii) Contract Form;
 - (ix) Performance Security Form;
 - (x) Manufacturer’s Authorization Form;

SECTION-I: INSTRUCTIONS TO BIDDER:

- 1.1** The Bidder is expected to examine all instructions, forms, terms, and specifications in the bidding documents and then submit document after affixing the digital signature on each page of the document as a token of acceptance. Failure to furnish all information required by the bidding documents or submission of a bid not substantially responsive to the bidding documents in every respect will be at the Bidder's risk and may result in rejection of bid.
- 1.2** **Bid Security:** Bidder shall furnish, as part of its bid, a bid security in the amount as specified in Section-III- Schedule of Requirements. Prices shall be quoted in Indian Rupees.
- 1.3** **Period of Validity of Bids:** Bids shall remain valid for 45 days after the deadline for submission of bids prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the Purchaser as non-responsive.
- 1.4** **Format and Signing of Bid:** The Bidder shall prepare separate Technical Bid and Financial Bid in Two separate envelops. Bidder shall also submit sample of FTK's (2 units) which will be part of technical bid.
- 1.5** **Submission of Bids:** The Bidders shall submit the bid online before 17th December, 2016 at 15:00 Hrs.
- 1.6** **Late Bids:** Any bid received by the Purchaser after the deadline for submission of bids prescribed by the Purchaser, will be rejected to the Bidder. Hard copy of the Bid will not be accepted.
Price of bid document, bid security and Sample of the Field Test Kit (part of Technical Bid) will be accepted either by post or by Hand before the deadline for the submission of Bids. Price of Bid, bid security and Samples of FTKs received after deadline (specified date and time) will not be accepted and bid will be rejected.
- 1.7** **Clarification of Bids:** During evaluation of bids, the Purchaser may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in prices or substance of the bid shall be sought, offered or permitted.
- 1.8** **Qualification Criteria:**
- (i) The bidder must be manufacturer/distributor of goods required under this bid. Necessary documents in this regard shall be enclosed for verification. Distributor shall have to submit manufacturer' authorization form as mentioned in Section-X of Bid form.
 - (ii) Experience under supply of Field Test Kit, in last three [3] FY (01-04-2013 to 31-03-2016) prior to the applications submission deadline. Necessary documents in this regard shall be enclosed for verification.

- (iii) Executed similar type of one contract or supply order in last three year valued not less than Rs 40.0 lacs. Necessary documents in this regard shall be enclosed for verification
- (iv) Minimum average annual sale turnover of Rs 80 lakh per year in the last three financial years (01-04-2013 to 31-03-2016). Please attach the audited Balance Sheets and Profit & Loss A/c Accounts of last three years or Certificate from Chartered Accountant regarding Sale turnover in last three years. Necessary documents in this regard shall be enclosed for verification
- (v) The bidder must have Liquid assets and/or availability of credit facilities of no less than Rs 30 lakhs (Rs thirty lakh) as on March, 2016. Necessary documents in this regard shall be enclosed for verification.
- (vi) The bidder must have designed, manufactured, tested and supplied the kits similar to the type specified in the 'Schedule of Requirement' upto at least 100% of the quantity indicated in Schedule of Requirements in any one of the last three years. A bidder that does not manufacture or produce the goods it offers to supply shall submit the manufacturer's authorization using the form included in section-X of Manufacturers authorization form. Bidder should demonstrate that it has been duly authorized by the manufacturer or producer of goods to supply these goods. Necessary documents in this regard shall be enclosed for verification.
- (vii) The bidder should furnish the information and satisfactory contract completion certificate issued by competent authority for all past supplies.
- (viii) All bids submitted shall also include the following information:
 - (a) Copies of original documents defining the constitution or legal status, place of registration and principle place of business of the company of firm or partnership, etc.
 - (b) The bidder should furnish a brief write-up, backed with adequate data, explaining his available capacity and experience (both technical and commercial) for the manufacture and supply of the required equipment within the specified time of completion after meeting all their current commitments.
 - (c) The bidder should clearly confirm that all the facilities exist in manufacturer's factory for inspection and testing and these will be made available to the Purchaser or his representative for inspection, if required at the option of purchaser.
- (ix) Samples of FTKs will be verified through CSIR labs/ IITs/ NITs/ NABL or SIIR for the conformity of technical specification as per Section IV of Bid.
- (x) Technical proposal meeting the minimum qualification criteria will only be considered for financial evaluation. The price envelopes of unsuccessful technical bids will not be considered. The purchaser shall notify the bidders results of the technical evaluation and invite those who have qualified, for opening of the financial proposals indicating the date and time.

1.9 AWARD CRITERIA: the Purchaser will award the Contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined as the lowest bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

- (a) Purchaser's Right to Accept Any Bid and to Reject Any or All Bids: The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject

all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders.

- (b) Notification of Award: Prior to the expiration of the period of bid validity, the Purchaser will notify the successful bidder in writing by registered letter or by cable/telex or fax, to be confirmed in writing by registered letter, that its bid has been accepted.
- (c) The notification of award will constitute the formation of the Contract.

1.10 SIGNING OF CONTRACT: At the same time as the Purchaser notifies the successful bidder that its bid has been accepted, within one week of receipt of the Contract Form, the successful bidder shall sign and date the Contract and return it to the Purchaser.

Upon the successful Bidder's furnishing of performance security, the Purchaser will promptly notify the name of the winning bidder to each unsuccessful Bidder and will discharge its bid security.

If, after notification of award, a Bidder wishes to ascertain the grounds on which its bid was not selected, it should address its request to the Purchaser.

1.11 PERFORMANCE SECURITY:

- (a) Within one week after the receipt of Notification of Award from the purchaser, the successful bidder shall furnish Performance Security to the Purchaser for an amount of 5% of the contract value, valid upto 60 days after the date of completion of performance obligations including warranty obligations.
- (b) In the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/replaced material shall be extended to a further period of 12 months and the Performance Bank Guarantee for proportionate value shall be extended 60 days over and above the extended warranty period.
- (c) The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- (d) The Performance Security shall be denominated in Indian Rupees and shall be in one of the following forms:
 - I. Bank guarantee or irrevocable Letter of Credit, issued by a nationalized bank located in India acceptable to the Purchaser, in the form provided in the bidding documents or another form acceptable to the Purchaser; or
 - II. Demand draft.
- (e) The performance security will be discharged by the Purchaser and returned to the Supplier not later than 30 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, unless specified.

1.12 DELAYS IN THE SUPPLIER'S PERFORMANCE: For any delay supplier liable to the imposition of liquidated damages @ is 0.5% per week and the maximum deduction is 10% of the contract price unless an extension of time is agreed by the purchaser.

Upon receipt of notice, the supplier shall, within the period of month (30 days) repair or replace the defective goods or parts thereof, free of cost at the ultimate destination. The

Supplier shall take over the replaced parts/ goods at the time of their replacement. No claim whatsoever shall lie on the purchaser for the replaced parts/ goods thereafter.

- 1.13 CANCELLATION OF SUPPLY:** The Purchaser shall have the right to cancel, modify, reduce or suspend the quantity of the materials ordered to any extent, at any time before the supply has been completed without assigning any reason. The supplier will not have objection to this and will also not be entitled any claim compensation for any cancellation, modifications, reduction or suspension of any order in part or full at any time and at any stage on the ground that such materials were manufactured.

Packing Instructions: The Supplier will be required to make separate packages for each district. Each package will be marked on three sides with proper paint/indelible ink, the following:

- (i) Project (ii) Contract No. (iii) Country of Origin of Goods. (iv) Supplier's Name and (v) Packing list reference number.

FOR destination will be our district units as per Schedule of requirement.

- 1.14 DELIVERY AND DOCUMENTS:** Upon delivery of the Goods, the supplier shall notify the purchaser and the insurance company by cable/ telex/ fax the full details of the shipment including contract number, railway receipt number and date, description of goods, quantity, name of the consignee etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company:

- (i) Two Copies of the Supplier invoice showing contract number, goods' description, quantity, unit price, total amount;
- (ii) Railway receipt/acknowledgment of receipt of goods from the consignee(s);
- (iii) Two Copies of packing list identifying the contents of each package;
- (iv) Insurance Certificate;
- (v) Manufacturer's warranty certificate;
- (vi) Inspection Certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; and
- (vii) Certificate of Origin.

The above documents shall be received by the consignee before arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses. Supplier will be responsible for arrangement of Road permit. No material shall be brought to site or delivered on Sunday or any Govt. holiday without the written permission of the Purchaser.

1.15 Inspections and Tests

- (i) The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. All testing charges will be borne by the supplier. The Purchaser shall notify the Supplier in writing in a timely manner of the identity of representatives for these purposes.
- (ii) The inspections and tests may be conducted on the premises of the Supplier at point of delivery and/or at the Goods final destination. If conducted on the premises of the Supplier all reasonable facilities and assistance, including access to drawings and production data - shall be furnished to the inspectors at no charge to the Purchaser.

- (iii) Should any inspected or tested Goods fail to conform to the specifications, the Purchaser may reject the goods and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Purchaser.
 - (iv) The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival at our district units shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods shipment.
 - (v) Nothing in bid shall in any way release the Supplier from any warranty or other obligations under this Contract.
- 1.16** The successful bidder shall have to arrange demonstration for conducting water samples testing at the Purchasers premises at his cost and materials for its correctness and accuracy at no extra cost to the purchaser. The tenderer shall have to arrange the sample for the demonstration at his own cost.
- 1.17 INSURANCE:** For delivery of goods at site, the insurance shall be obtained by the Supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes.
- 1.18 PAYMENT CONDITIONS** - Payment for Goods and Services shall be made in Indian Rupees as follows:
- (i) No advance payment will be made to the supplier and no claims in this regard will be entertained.
 - (ii) *On Delivery:* 85 % (Eighty five percent) of the contract price shall be paid after deduction in liquidity damage, if any on receipt of Goods and upon submission of the documents; and along with satisfactory report from the concerned DPMUs.
 - (iii) *On Final Acceptance:* the remaining fifteen percent of the Contract Price shall be paid to the supplier within 30 days after the date of the acceptance certificate issued by the Purchaser's representative for the respective delivery.
- 1.19 SETTLEMENT OF DISPUTES:** In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with Arbitration and Conciliation Act and the Principle Secretary/ Secretary of Drinking Water and Sanitation, Government of Uttarakhand will act as Arbitrator.

SECTION-II: CONDITION OF CONTRACT AND RESTRICTIONS TO THE BIDDER:

- 1.20** Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Bids.
- 1.21** Government-owned enterprises in the Purchaser's country may participate only if they are legally and financially autonomous, if they operate under commercial law, and if they are not a dependent agency of the Purchaser.
- 1.22** Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices.

SECTION III: SCHEDULE OF REQUIREMENT

S. No.	Brief Description of Goods	Unit	Delivery Schedule		No of FTKs to be provided	Bid Security
		Quantity in Nos	Delivery Period	Destination		
1	Multi parameter water Quality Field Test kit	1520	Three Weeks	DPMU, Swajal project, lower mall road khatyadi, Almora-263601 Ph no.05962-232524	160	₹ 107000.00 (Rs. One lakh Seven thousand Only)
				DPMU, Swajal project, kathayat bada, khetwal bhawan, block road, Bageshwar-263642. Ph no- 05963-220248	80	
				DPMU, Swajal project, Panthari bhawan, Zila chikitsalaya, Gopeshwar, Chamoli-246401 Ph no. 01372-252708	80	
				DPMU, Swajal project, GIC road, kanal gaon, Champawat. Pin code-262523 Ph no-05965-230126	80	
				DPMU, Swajal project, 509 Adarsh Nagar, Dharampur, Dehradun, Ph no.0135-2669925	120	
				DPMU, Swajal project, Devid dhar, upper chopra, kotdwar road, pauri Garhwal-246174 Ph no-01368-222332	160	
				DPMU, Swajal project, 27-28 Vikas Bhavan, 1 st floor, Roshnabad, Haridwar-249401. Ph.no.01334-252033	120	
				DPMU, Swajal project, Om vila khutani, bhimtal, Nainital. Ph No. 05942-247272, 247287	120	
				DPMU, Swajal project, kedarlaya, bajetidoraha, GIC road, Pithoragarh-262501 Ph no. 02964-264107	120	
				DPMU, Swajal project, Pinaci Hotel parishar Srinagar road, Rudraprayag-246171 Ph no. 01364-233492	80	
				DPMU, Swajal project, P-4, sector-3, near kendriya vidyalaya, New Tehri-249001 Ph no: 01376-233948	120	
				DPMU, Swajal project, Vikas Bhavan, H. No. 14, down floor, Rudrapur, Udham Singh Nagar- 263153 Ph.no. 05344-245258.	160	
				DPMU, Swajal project, 2nd Floor, Aman Hotel, Vishvanath marg, Bherav chowk, Uttarkashi -249193. Ph no: 01374-222468	120	
				Total	1520	

**Bid Security* – Rs 107000.00 in favour of Director, Project Management Unit. Payable at Dehradun in the form of certified cheque, letter of credit, a demand draft, or a bank guarantee from a nationalized Bank located in India; the bid security should remain valid for 45 days from last date for submission of bid

SECTION-IV: TECHNICAL SPECIFICATION

The complete following information must be filled & uploaded in the following format by the tenderer in technical bid, otherwise the tender will be treated incomplete and will be liable for rejection. Without cost of tender document and earnest money deposit, tender will be treated incomplete and will be rejected.

S.No.	Particulars	Information to be filled and uploaded by the tenderer
1.	Name of the Tendering Firm:	
	Correspondence address of tendering firm:	
	Phone No. (Landline/Mobile):	
	Name and Phone No. of Contact Person regarding any enquiry about this tender	
	E-Mail Address (if applicable)	
	Website (if applicable)	
2.	Cost of Tender document Rs. 1145.00 deposited vide:	Bank Draft No.: Date: Rs.
3.	Bid security (certified cheque, letter of credit, a demand draft, or a bank guarantee from a nationalized Bank located in India) Dated:	
	Rs 107000.00 (Rs. One lakh seven thousand Only)	
	Valid upto	
	Name of Bank/Post Office	

(b) The following documents must be attached and uploaded by the tenderer with the technical bid, otherwise the tender will be treated incomplete and will be rejected, submission of these certificate is mandatory. It is requested that the all following certificates shall be definitely attached with the technical bid in the following order.

S.No.	Particulars	Information to be filled and uploaded by the tenderer	Proof to be attached by the tenderer under mentioned folder and Remark to be written as Attached or Not Attached
1.	Registration Certificate issued by registration authority for the manufacturing of Field test kit. .or copy of valid authorized distributorship certificate for original manufacturer of FTK. , Proof to be enclosed by the tenderer with the technical bid.		Folder name- A
	Location and address of the Factory/ Industry		
	Factory/ Industry Registration No.:		
	Date of Issue:		
	Valid upto:		
	Name and address of industry registration authority		
	Licensed Annual Production Capacity of Field Test Kit of manufacturer.		
	Installed Annual Capacity of Feld Test Kit of manufacturer.		
1.2	Sale Tax clearance certificate or Value Added Tax (VAT) registration certificate issued by the competent authority in the name of the tenderer. Registration No.: <i>Proof to be enclosed by the tenderer with the technical bid. (if applicable)</i>		Folder name- A
1.3	Permanent Account Number (PAN) in the name of the tenderer: <i>Proof to be enclosed by the tenderer with the technical bid.</i>		Folder name- A
2	Experience under supply of Field Test Kit, in last three [3] FY(01-04-2013 to 31-03-2016) prior to the applications submission deadline.		Folder name- B
3	Executed similar type of one contract or supply order in last three year valued not less than Rs 40.0 lacs.		Folder name- B
4.	Turnover certificates-Minimum average annual sale turnover of Rs 80 Lakh per year in the last three financial years (01-04-2013 to 31-03-2016). Please attach the audited Balance Sheets and Profit & Loss A/c Accounts of last three years or Certificate from Chartered Accountant regarding Sale turnover in last three years. Necessary documents in this regard shall be enclosed for verification		Folder name- B

	Year 20013-14	Rs.	
	Year 2014-15	Rs.	
	Year 2015-16	Rs.	
5.	Certificate of Liquid assets and/or availability of credit facilities of no less than Rs 30 lakhs (Rs thirty lakh) as on March, 2016.		Folder name- B
6.	The bidder should be a manufacturer/distributor of manufacturer who must have designed, manufactured, tested and supplied the kits similar to the type specified in the 'Schedule of Requirement' upto at least 100% of the quantity indicated in Schedule of Requirements in any one of the last three years.		Folder name- B
7.	Performance Certificates- The bidder should furnish the information and satisfactory contract completion certificate issued by competent authority for all past supplies.		Folder name- B
8.	Guarantee certificate for Field Test Kit. Scanned copy of ISO 9001:2008 certificate of Field Test Kits (FTKs) for chemical testing of water samples. <i>An undertaking for one year Guarantee for Field Test Kit to be enclosed by the tenderer with the technical bid.</i>		Folder name- A
9	Brief description about quality control system followed in the factory. <i>Brief description about quality control system followed in the factory to be enclosed by the tenderer with the technical bid.</i>		Folder name- C
10.	An Undertaking about Blacklist. <i>An undertaking shall be furnished that firm is not blacklisted by any govt. or semi govt. department/organization. An Undertaking to be enclosed by the tenderer with the technical bid.</i>		Folder name- C

Technical specification for Field Test Kits:

Multi-Parameter Water Quality Field Test Kits (FTKs) must fulfill the following criteria: -
Multi-Parameter Water Quality Field Test Kits (FTKs) is used for physical chemical analysis. The kit offers quantitative and semi quantitative results. Quantitative test includes total hardness, total

alkalinity and chloride tests. Semi quantitative tests are used for remaining parameters using colour comparison charts. This kit can carry out 40 tests for 09 parameters listed below:

- (i) Turbidity by visual comparison method;
- (ii) pH by pH strips colour comparison method;
- (iii) Total hardness by Titrimetric method;
- (iv) Total Alkalinity by Titrimetric method;
- (v) Chloride by Titrimetric method;
- (vi) Residual Chlorine by visual colour comparison method;
- (vii) Iron by visual colour comparison method;
- (viii) Nitrate by visual colour comparison method;
- (ix) Fluoride by visual colour comparison method.

The least count and range of measurement for the results of field testing by FTK should be as below:

S.No.	Parameter	Unit of Measurement	Range of Measurement
1	pH	mg/l	2.0 to 10.5
2	Turbidity	NTU	0 to 80
3	Nitrate	mg/l	10.0 to 200.0
4	Fluoride	mg/l	0.0 to 2.0
5	Iron	mg/l	0.1 to 2.0
6	Residual Chlorine	mg/l	0.2 to 2.0
7	Hardness	mg/l	150 to 900
8	Chloride	mg/l	100 to 1200
9	Alkalinity	mg/l	100 to 800

The colour comparison is quick and easy to use. The kit is used in conjunction with tablet reagents and colour charts to test different parameters. The kits should be portable, easy to carry anywhere, easy to operate and do not require any kind of energy or power. Even a layman can use it comfortably and not require any technical support. The kit must include a User's manual with simple step by step instructions on how to conduct the water quality tests and booklet to mention the test report. This makes it easy for people to use and does not require a high level of training. The Reagents should be of the highest quality and expiry period should be clearly mentioned on it. All glassware should be of highest quality; preferably from BOROSIL. The reagents should have expiry period potency of at least one year (12 months) from the date of receipt of materials by the consignee.

FTKs should be certified through CSIR labs/ IITs/ NITs/ NABL or SIIR and should have "cumulative impact factor (CIF) rating for different parameters within the range of 75-100 (A1, A2 and B1)".

Note: Whether the tenderer is able to supply the material as per above mentioned specifications: (Yes/No).

Signature and Seal of the Tenderer

SECTION V: Bid Form:

Date :.....

IFB No :.....

To: (Name and address of purchaser)

Gentlemen and/ or Ladies :

Having examined the Bidding Documents including Agenda Nos..... *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver..... *(Description of Goods and Services)* in conformity with the said bidding documents for the sum of *(Total bid amount in words and figures)* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this bid for the Bid validity period specified of the Bid Data Sheet and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Amount	Rupees
—	
Name and Purpose of Commission	
address of agent or gratuity	

(if none, state “none”).

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely “Prevention of Corruption Act 1988”.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf

will engage in bribery.

We understand that you are not bound to accept the lowest or any bid you may receive.

We clarify/confirm that we comply with the eligibility requirements of the bidding documents.

Dated this day of 20.....

(signature)

(in the capacity of)

Duly authorized to sign Bid for and on behalf of

SECTION-VI : PRICE SCHEDULE:

The Bidder shall indicate on the Price Schedule, the unit price and total bid price of the goods. Bidders shall quote for the complete requirement of goods and services specified under each scheduled item failing which such bids will not be taken into account for evaluation and will not be considered for award. The tenderer will have to state their willingness to execute the supply at certain rate against item at the space provided in the 'Rate Quoting Schedule' (BOQ in MS excel) of this tender document. Price quoted should be inclusive of all taxes. Rates in R Shall be quoted inclusive of all taxes, duties and sales, and other taxes already paid or payable, license fees, road permits, charges of testing of materials, charges of transportation, loading and unloading & properly stacking of materials at consignee's stack yard etc. FOR destination will be as per Schedule of requirement. Supplier will have to arrange road permit by himself.

Tenderer shall download the Rate Quoting Schedule (BOQ) from e-procurement website <https://uktenders.gov.in>. All cells of the Rate Quoting Schedule (BOQ in MS excel sheet) will be protected except the fields (i.e. tenderers name & rate) which the tenderers are expected to fill in.

Prices indicated on the Price Schedule shall be entered separately in the following manner:

Rate Quoting Schedule (BOQ)
(Specimen not for Quoting Rate)

Tender Inviting Authority: Project Management Unit, Swajal Project First Floor, The Institution of Engineers (India) Building, Delhi (Saharanpur) Road, Near ISBT, Dehradun -248171 (Uttarakhand)						
Name of Work: SUPPLY OF MULTIPARAMETER WATER QUALITY FIELD TEST KIT						
Contract No: 01-WQM&S/2016-17						
Bidder Name:						
SCHEDULE OF WORK / ITEM(S) This BOQ template should not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder to be rejected for this tender. Bidder is allowed to enter Bidder name and values only)						
Sl.No	Description of Work / Item(s)	Quantity in numbers	Rate per unit		Total Amount in figure (in Rs) (1520xRate per unit)	Total Amount in words (in RS) (1520xRate per unit)
			In figure	In words		
1.0	MULTIPARAMETER WATER QUALITY FIELD TEST KIT	1520				

SECTION VII: BID SECURITY FORM

Whereas¹ (*hereinafter called "the Bidder"*) has submitted its bid dated (*date of submission of bid*) for the supply of (*name and/or description of the goods*) (hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that We (*name of bank*) of (name of country), having our registered office at (*address of bank*) (hereinafter called "the Bank"), are bound unto..... (*name of Purchaser*) (hereinafter called "the Purchaser") in the sum of _____ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this ____ day of _____ 20__.

THE CONDITIONS of this obligation are:

1. If the Bidder:
 - (a) Withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or
 - (b) does not accept the correction of errors in accordance with the ITB; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:
 - (a) fails or refuses to execute the Contract Form if required; or
 - (b) fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders;

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including Forty five (45) days after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

.....
(Signature of the Bank)

¹ *Name of Bidder*

SECTION VIII: CONTRACT/ AGREEENT FORM:

THIS AGREEMENT made the day of, 20... Between
(Name of purchaser) of (Country of Purchaser) (hereinafter called "the Purchaser") of the
one part and (Name of Supplier) of (City and Country of Supplier)
(hereinafter called "the Supplier") of the other part:

WHEREAS the Purchaser is desirous that certain Goods and ancillary services viz.,
..... (Brief Description of Goods and Services) and has accepted a bid by the
Supplier for the supply of those goods and services in the sum of (Contract Price
in Words and Figures) (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the technical Specifications;
 - (d) the Purchaser's Notification of Award.
 - (e) performance security
3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services which shall be supplied/provided by the Supplier are as under:

S. No	Brief Description	Quantity in Numbers	Rate per unit (in Rs)		Total Amount in figure (in Rs) (1520xRate per unit)	Total Amount in words (in RS) (1520xRate per unit)
			(in figure)	(In words)		
	<u>Multi parameter water Quality Field Test kit</u>	1520				

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the

said (For the Purchaser)

in the presence of:.....

Signed, Sealed and Delivered by the

said (For the Supplier)

in the presence of:.....

SECTION IX. PERFORMANCE SECURITY FORM

To: _____ (Name of Purchaser)

WHEREAS (Name of Supplier)

hereinafter called "the Supplier" has undertaken , in pursuance of Contract (Notification of Award) No..... dated,..... 20... to supply.....(Description of Goods and Services) hereinafter called "the Contract".

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until theday of.....20.....

Signature and Seal of Guarantors

.....

.....

.....

Date.....20....

Address:.....

.....

.....

SECTION: X MANUFACTURERS' AUTHORIZATION FORM

No. _____ dated

To

Dear Sir:

IFB No.

We _____ who are established and reputable manufacturers of *(name and description of goods offered)* having factories at _____ *(address of factory)* do hereby authorize M/s _____ *(Name and address of Agent)* to submit a bid, and sign the contract with you for the goods manufactured by us against the above IFB.

No company or firm or individual other than M/s _____ are authorized to bid, and conclude the contract for the above goods manufactured by us, against this specific IFB. *(This para should be deleted in simple items where manufacturers sell the product through different stockists.)*

We hereby extend our full guarantee and warranty for the goods and services offered for supply by the above firm against this IFB.

Yours faithfully,

(Name)

(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Bidder in its bid.