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DEPARTMENT OF ENVIRONMENTAL SCIENCE

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NOTICE INVITING QUOTATION

Enquiry No.: ENV/PC/UPE-II/CONSUM/2017-18/0015

Dear Supplier,

Please provide the Quotation for the following consumables/ accessories including price and tax within 7 working days for the UGC-UPE II funded project entitled "Bioprospecting of plant growth promoting microorganisms isolated from stress environment and their application in sustainable agriculture" in the focus area I: Modern Biology, under Dr. Punarbasa Chaudhuri. Suppliers are hereby requested to submit their quotation including the current trade license, service tax registration certificate, copy of the PAN card, copy of registration certificate with statutory authorities, copy of manufacturer certificate/copy of distributor certificate (if available), and other credentials within 7 working days from the publication of this notice in a sealed envelope addressed to the undersigned.

CONSUMABLES / ACCESSORIES AND SYSTEM UP GRADATION MODULE FOR PORTABLE WATER ANALYZER

Specifications:-

pH range	: - 2.000 TO 20.000, RESOLUTION : 0.1, 0.01, 0.001, ACCURACY : ± 0.002
Conductivity range	: 0.001 MS TO 3000 MS , RESOLUTION : 0.001, ACCURACY : 0.5 % READING ± 1 DIGIT
Dissolved Oxygen range	: 0 TO 90 MG/L , RESOLUTION : 0.01, 0.1, ACCURACY : ± 0.2 %
Calibration	: CALIBRATION POINTS : UP TO 5 POINTS; WITH CALIBRATION EDITING
Temperature	: RANGE : -5 TO 105 °C,
Data logging memory	: 5000 DATA
Power	: INSTALLED AA BATTERIES (OPTIONAL – AC ADAPTER, 100-240 VLT) UPTO 800 HOURS
Waterproofing rate	: IP67 RATED
Orp mode	: YES
Data transfer/print	: through RS232 or USB ports.
Ph/ATC probe	: RANGE: 0 TO 14; TEMPERATURE RANGE: 0 TO 80°C, WITH 3 METER CABLE
Conductivity probe	: RANGE: 1 μ S/CM TO 200 MS/CM; CELL CONSTANT (K) : 0.475 WITH 3 METER CABLE
DO probe	: RANGE: 0 TO 20 MG/L; TEMPERATURE RANGE: 0 TO 50°C WITH 3 METER CABLE
ORP electrode	: TEMPERATURE RANGE: 0 TO 80°C

Associated consumable items should be supplied

System up gradation module with pH/ATC probe with 3 meter cable, conductivity cell (k=0.475) with 3 meter cable, RDO/DO probe with calibration sleeve and 3 meter cable, protective armor with probe holders & stand; hard carrying case and batteries (installed) along with electrode holder and stand with the following-

- pH 4, 7 & 10 buffers
- pH electrode storage solution
- pH rinse solution
- 1413 μ s/cm conductivity standard

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