

भारत सरकार  
Government of India  
केन्द्रीय जल आयोग  
Central Water Commission  
ऊपरी कृष्णा मंडल  
Upper Krishna Division



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द्वितीय तल, राष्ट्रीय जल अकादमी  
संकुल,  
2<sup>nd</sup> Floor, N.W.A. Complex  
खडकवासला आर.एस.,  
Khadakwasla R.S.  
पुणे / Pune - 411 024

No. : UKD/D-14021/JE(HQ)/2014/ 435-39

Date: 01/08/2015

### NOTICE INVITING QUOTATION

Sealed quotation are invited on behalf of president of India by the Executive Engineer, Upper Krishna Division, CWC, Pune from the reputed firms for supply of the following items so as reach this office on or before **17.08.2015 at 1500 hrs.** The quotation will be opened on the same date at 1530 hrs in presence of the quotationer or their authorized representative. :

Sr.No.	Name of Items	Quantity
1	Analytical digital balance (4 digit) (Specification enclosed as Annexure-I)	1 nos.
2	Systronic microprocessor based digital PH meter system type - 361 with Electrode, ATC probe, stand, clamp & instruction manual (Specification enclosed as Annexure-II)	7 nos.
3	Systronic microprocessor based digital conductivity meter type- 306 with cond. Cells (1.0cc & 0.1cc), temp. Probe & instruction manual (Specification enclosed as Annexure-III)	6 nos.

### **TERMS AND CONDITIONS:**

1. Details of various taxes such as Sales Tax etc. if any should be clearly mentioned.
2. The rates are to be quoted F.O.R. destination inclusive of packing forwarding, freight, insurance, if any, at the office of the Executive Engineer, Upper Krishna Division, Central Water Commission, NWA Complex, 2<sup>nd</sup> floor, Khadakwasla R.S. (P.O.), Pune - 411 024.
3. The quotation should be addressed to the Executive Engineer, Upper Krishna Division, Central Water Commission, NWA Complex, 2<sup>nd</sup> floor, Khadakwasla R.S. (P.O.), Pune - 411 024.
4. The cover containing the quotation should be super scribed with the words **QUOTATION FOR SUPPLY OF "LAB EQUIPMENT"**
5. Normally, the lowest rates quoted will be accepted, but the undersigned reserves the right to reject any or all the quotations without assigning any reasons.
6. Only those firms who are using good quality of material as stipulated in the **India Standards (I. S.)** and who will be able to make supply with in stipulated time need to quote their rates.
7. All the erasing, mistakes, over writing should be duly attested; else it will make the quotation, disqualify.
8. All duties, taxes (except octroi), transportation and other levies payable by the suppliers / contractor under the contract shall be included in the total price.
9. After sale, service facilities may be specifically mentioned.
10. Only those firms having TIN number can be eligible to submit their quotation.
11. Indicated quantities may increase or decrease at the time of supply order as per our requirement.
12. Samples should be supplied if asked for or should be shown to the undersigned / his representative for inspection and approval.
13. Payment will generally be made by crossed Cheque / D.D. (for out station) within 20 days from the date of completion of supply, in correct and in good condition or receipt of your bill whichever is later.

Continued on 2

14. The material need to be delivered at the office of the undersigned within 30 days from the date of supply order at your own cost.
15. Validity of the quotation should be for a period of minimum 90 days from the date of opening.
16. If there are different brands in items, rates may be quoted separately for each brand indicating the brand name of the items.
17. Any dispute arising in this contract will be referred to the Superintending Engineer, Krishna & Co - ordination Circle, Central Water Commission, Hyderabad and his decision will be final and binding on the both the parties.

  
 (S. Balaiah)  
 Executive Engineer

Copy to:-

- The SE, KCC, CWC, Hyderabad for kind information & requested to upload the copy of NIQ into CPP Portal
- ✓ ➤ The Technical Manager O/o the Chief Engineer, KGBO, CWC, Hyderabad for inclusion in KGBO website.
- The Accounts Branch, UKD, CWC, Pune.
- Divisional Laboratory, C.W.C., Pune for information.
- Notice Board.

## ANALYTICAL DIGITAL BALANCE (4 digit)

Sl. No.	Specification/Description of work	Quantity	Rate/Unit	Amount
1	<p><b>ANALYTICAL DIGITAL BALANCE</b>  <b>SPECIFICATIONS:</b></p> <ul style="list-style-type: none"> <li>a) Max Capacity – 220g</li> <li>b) Accuracy – <math>\pm 0.2</math> mg</li> <li>c) Built-in internal calibration with function like               <ul style="list-style-type: none"> <li>i. Initial calibration (Automatic)</li> <li>ii. Auto calibration according to change in ambient temperature</li> <li>iii. User selected time calibration</li> <li>iv. overload protection</li> <li>v. Auto zero tare function</li> </ul> </li> <li>d) Standard Rs-232 C interface</li> <li>e) Large Backlight LCD display for easy view with A.E.P. (Advance Eye Protection)</li> <li>f) Density determination for solid &amp; liquid</li> <li>g) Various weight units like ct, mg, gm, oz, dwt, mom, GN</li> <li>h) ISO-GLP compliance printouts</li> <li>i) Improved Repeatability for better results</li> <li>j) Readability – 0.1 mg</li> <li>k) Pan size – <math>\varnothing 85</math> mm</li> <li>l) Tare range – Full</li> <li>m) Removable S.S. Weighing Pan, Level Indicator, Adjustable Fit, top acrylic cover</li> <li>n) Stabilization time - <math>\leq 10</math> sec.</li> </ul>	1 no.		

## 2) pH METER

Item. No.	Microprocessor based digital pH meter system type - 361		Tentative Quantity	Rate/unit	Amount
	<b>PARAMETER</b>	<b>SPECIFICATION</b>	7 Nos.		
	Purpose	To measure pH, millivolt & temperature			
	<b>pH</b>				
	Range	0.0 to 14.00 pH			
	Minimum Resolution	0.01pH			
	Repeatability	+ or -0.01 pH + or -1 digit			
	<b>mV</b>				
	Range	0.0 to +or - 1999 mV			
	Minimum Resolution	1mV			
	Repeatability	+ or -1 mV + or -1 digit			
	<b>Temperature (Automatic compensation)</b>				
	Range	0 to 100 °C			
	Minimum Resolution	0.1 °C			
	Repeatability	+ or - 0.2 °C + or - 1 digit			
	Manual Temperature setting	0 to 60 °C, User selectable			
	Sample ID No. setting	0 to 99 , User selectable			
	Deviation of buffer pH value acceptable for calibration	+ or - 1 pH approx.			
	Stability	0.01 pH per hour			
	Display	7 Digit, 7 segment LEDs (4 digit for pH & 3 digit for temperature) with auto polarity and decimal point mode annunciation by LED			
	Power requirements	230 V AC + or - 10 %, 50 Hz			
	Dimensions	250(W), 240(D), 110(H)			
	Weight	2.2 Kg approx.			
	Accessories	1) Electrode 2) Electrode stand with clamp 3) Centronic printer interface 4) Operation Manual 5) Stand with clamp 6) Dust proof Cover 7) pH standard solutions 8) ATC probe			

## 1) CONDUCTIVITY METER

Item No.	Microprocessor based digital conductivity meter type-306		Tentative Quantity	Rate/unit	Amount
	<b>PARAMETER</b>	<b>SPECIFICATION</b>	7 Nos.		
	Purpose	To measure Conductivity & Temperature.			
	Display	7 Digit, 7 segment LEDs (4 digit for conductivity & 3 digit for temperature)			
	Range	0.1 to 100 mS ( 6 decadic ranges)			
	Minimum Resolution	EC 0.001 $\mu$ S / cm in lowest range			
	Accuracy	+ or -1 % of the F.S. + or -1 digit			
	Temperature Compensation	0.0 to 9.9 % per $^{\circ}$ C , Suitable for Automatic & Manual with A.T.C. Probe.			
	Cell constant	Acceptable from 0.1 to 5			
	Cell constant recognition	Automatic			
	Power requirements	230 V . + or - 10 %, 50 Hz			
	Accessories	1) Conductivity Cell, Cell constant 0.1 2) Conductivity Cell, Cell constant 1.0 3) Temperature probe 4) Operation Manual 5) Stand with clamp, 6) Dust proof Cover.			