



**निविदा सूचना शुद्धि पत्र/ CORRIGENDUM to Tender Document for Supply, Installation and Commissioning of ULTRAPURE WATER PURIFICATION SYSTEM.
(Tender Reference No. : SROL/PUR/WPS/01)**

INVITED BY

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द्वारा आमंत्रित

वैज्ञानिक ई और हेड भारतीय मानक ब्यूरो, दक्षिणी क्षेत्रीय कार्यालय प्रयोगशाला, चौथा क्रॉस रोड तारामानी, चेन्नई 600 113 Ph: 044-22541208, 22541216 mail id : srol@bis.org.in

यह सभी संबंधित को सूचित किया जाता है कि 26 04 2017 को जारी किए गए निविदा को प्रस्तुत करने की आखिरी तारीख अब **05/06/17 को 1500 h तक बढ़ा दी गई है।** तकनीकी बोली उसी दिन **05/06/17 1530h** पर खोली जाएगी। अनुलग्नक -3 में दी गई विनिर्देश और अनुलग्नक -4 में दिए गए तकनीकी अनुपालन वक्तव्य को निम्नानुसार संशोधित किया गया है।

This is to bring to the notice of all concerned that last date of submitting the tender floated on 26 04 2017 is now extended upto **05/06/17 up to 1500h** and the Technical bid will be opened on the same day i.e. **05/06/17 at 1530h**. The specification given at Annexure -3 and the Technical compliance statement given at Annexure-4 are revised as follows.

बोलीदाताओं को सलाह दी जाती है कि इस शुद्धि में जारी किए गए तकनीकी विनिर्देश और तकनीकी अनुपालन वक्तव्य के संशोधन के अनुसार बोलियां जमा करनी होंगी, जिसके बिना बोलियां अवैध मानी जाएंगी।

The bidders are advised to submit the bids as per the revision of Technical specification and technical compliance statement issued in this corrigendum only failing which the bids will be considered as invalid.

जिन लोगों ने पहले ही अपनी बोलियां जमा कर दी हैं उन्हें ईएमडी सहित सभी मामलों में ताजा बोलियां जांचने और पुनः केवल इस शुद्धि के अनुसार जमा करने की सलाह दी जाती है, अन्यथा बोली को अमान्य माना जाएगा।

Those who have already submitted their bids are advised to examine and re-submit fresh bids complete in all respects including EMD , in accordance with this corrigendum only, failing which the bids will be considered as invalid.

Annexure3

Technical Specification of Ultrapure Water Purification System

S No	Components	Requirements
1	General	<p>Water purification systems providing Ultra pure water and type – 3 water from a Potable Water Feed supply .The system shall include:</p> <ol style="list-style-type: none"> Pre filtration up to 1 micron. Pre treatment –Activated carbon filters for removal of Chlorine, dissolved organics etc. and R.O. system for providing ideal /optimum feed water quality for Main Ultra purification Unit. Main Ultra purification unit - R.O Module, UV disinfection and Deionization module. Suitable & Separate dispensers for type III & type I water.
2	Ultra pure water system (type I)	<ol style="list-style-type: none"> Feed water: Potable water feed supply TOC(ppb) < 5 Bacteria :<1CFU /ml Resistivity: 18.2 MΩ.cm@25°C pH : Effectively neutral Production rate : 7 liter /hr minimum The system shall have facilities for recirculation of product water through the reservoir to maintain consistent peak water purity. Recirculation tank shall be provided of minimum 20 litre. The water purification system shall have dispense flow rate of minimum 0.5 lit per minute or better for Type-1 water.
3	Accessories	<ol style="list-style-type: none"> All essential accessories required for running the system like cartridges and filter pumps, UV lamps etc. to be included. Standard tools kit should be provided for general maintenance.
4	Inter face	Power supply: 230V, 50/60 HZ
5.	Features	Microprocessor controlled system for continuous monitoring of water quality. Monitor display: Resistivity, system status, performance and maintenance needs like Cartridge change indicators including alarms.
6	Warranty & training	Should have a warranty period of 3 years from the date of successful installation at site as per tender conditions. Warranty should include consumables also. Required training for the normal operation of the equipment to be provided.
7.	After Sales Service	Onsite Comprehensive Annual Maintenance Contract to be provided for three years after warranty as per tender conditions.

Annexure 4

Technical compliance statement by the bidder For Ultrapure Water Purification System

Sl. No.	Technical Specification (Annexure 3)		Quoted details by the bidder	Deviation from col (3), if any	Remarks
	Component	Requirement			
(1)	(2)	(3)	(4)	(5)	(6)
1.	General	<p>Water purification systems providing Ultra pure water and type – 3 water from a Potable Water Feed supply .The system shall include:</p> <p>a) Pre filtration up to 1 micron.</p> <p>b) Pre treatment –Activated carbon filters for removal of Chlorine, dissolved organics etc. and R.O. system for providing ideal /optimum feed water quality for Main Ultra purification Unit.</p> <p>c) Main Ultra purification unit - R.O Module, UV disinfection and Deionization module.</p> <p>d) Suitable & Separate dispensers for type III & type I water.</p>			
2	Ultra pure water system (Type1)	<ol style="list-style-type: none"> 1. Feed water: Potable water feed supply 2. TOC(ppb) < 5 3. Bacteria :<1CFU /ml 4. Resistivity: 18.2 MΩ.cm@25°C 5. pH : Effectively neutral 6. Production rate : 7 liter /hr minimum 7. The system shall have facilities for recirculation of product water through the reservoir to maintain consistent peak water purity. Recirculation tank shall be provided of minimum 20 litre. 8. The water purification system shall have dispense flow rate of minimum 0.5 lit per minute or better for Type-1 water. 			

3	Accessories	1. All essential accessories required for running the system like cartridges and filter pumps, UV lamps etc. to be included. 2. Standard tools kit should be provided for general maintenance.			
4	Inter face	Power supply: 230V, 50/60 HZ			
5	Features	Microprocessor controlled system for continuous monitoring of water quality. Monitor display: Resistivity, system status, performance and maintenance needs like Cartridge change indicators including alarms.			
6	Warranty & training	Should have a warranty period of 3 years from the date of successful installation at site as per tender conditions. Warranty should include consumables also. Required training for the normal operation of the equipment to be provided.			
7	After Sales Service	Onsite Comprehensive Annual Maintenance Contract to be provided for three years after warranty as per tender conditions.			

Note:

Do not mention **“We Comply or Complied with or yes”** in your response at col (4)

Quote the actual specifications of equipment to be supplied in col (4), wherever applicable

Deviations, if any, from col (3) be quoted in col (5).
