

**All-India Institute of Medical Sciences**  
**Ansari Nagar, New Delhi-29**  
(RESEARCH SECTION)

Ref. No. 17/Prop/Anat/AS/2020-21/RS

Dated: 25.11.2020

**Subject: Purchase of Hand Pump attached Bio-De-Fluoridation – 29 Nos. for the Deptt. of Anatomy, AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.**

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The request has been received from Dr. A. Shariff , Deptt. of Anatomy, AIIMS to purchase the subject item from M/s HES Water Engineers (India) Pvt. Ltd. on proprietary basis. The proposal submitted by M/s HES Water Engineers (India) Pvt. Ltd. and Performa Invoice and Departmental PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 17/Prop/Anat/AS/2020-21/RS**. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **10/12/2020 upto 12:00 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

**STORES OFFICER (RS)**

**Encl: Related documents enclosed.**

- 1. PAC Certificate enclosed.**
- 2. Performa Invoice**

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**Clinical Ecotoxicology (Diagnostic & Research) Facility**  
 Department of Anatomy  
**All India Institute of Medical Sciences, New Delhi**

**Technical Specifications for the Hand-pump attached fluoride removal/  
 De-fluoridation systems**

1. No. of units required: 29
2. To be delivered and installed at different locations (villages) in Bihar
3. Technology: Rechargeable media based device to filter/remove fluoride from water. The regeneration of media to be simple and must not require specialized technician/manpower.
4. The fluoride removal capacity should 10 ppm or better.
5. The water de-fluoridation capacity/filtration rate should match hand pump output i.e. 650 liters/hour or more.
6. The De-fluoridation system **should not require electricity or battery for operation/filtration.**
7. Should have capacity to work round the clock without any break/rest time.
8. The system should be compatible with fitting in ordinary hand-pumps without requirement of any additional equipment.
9. Should be easy for the community members to select de-fluoridated or row water to be collected.
10. The filtration/de-fluoridation media regeneration must be done at the site, and the pH of the media should not change significantly over time.
11. The de-fluoridation process should not induce any smell in water and should not alter the taste of de-fluoridated water.
12. Same filtration units must have supplied & installed in Bihar and technical support should be available locally as and when required.
13. Satisfactory installation and working reports of same filtration unit should be produced from any Government institutes/departments/ministries/bodies.
14. The equipment will have to be installed at different locations (remote villages) of Bihar and demonstration and training will have to be provided to the local people/our technician and villagers for its operation and maintenance.
15. The quote should include filter platform concrete work (construction of filter work stations) for filter installation and lockable metal cover/grille.
16. At least 3 years comprehensive warranty for hardware/de-fluoridation units should be included.

*Renu Dhangra*  
 Dr. Renu Dhangra  
 Professor  
 आचार्य/प्रोफेसर  
 शरीर रचना विभाग  
 Department of Anatomy  
 अ.भा.आ.सं., नई दिल्ली-29

*Amit*  
 21/11/20  
 डॉ. अमित लतवाल/Dr. Amit Latwal  
 अ.भा.आ.सं. / Additional Professor  
 अस्पताल प्रशासन/Hospital Administration  
 अखिल भारतीय आयुर्विज्ञान संस्थान(AIIMS)  
 नई दिल्ली-29

*T.C. Nag*  
 2/11/20  
 डॉ. टी.सी. नाग  
 आचार्य/Professor  
 शरीर रचना विभाग/Department of Anatomy  
 अ.भा.आ.सं., नई दिल्ली-29/A.I.I.M.S., New Delhi-29

*Asharif*  
 21/11/2020

  
 डॉ. ए. शरीफ/Dr. A. SHARIFF  
 आचार्य/Professor  
 शरीर रचना विज्ञान विभाग/Dept. of Anatomy  
 अ.भा.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-29

ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
ANSARI NAGAR, NEW DELHI-110029

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RESEARCH SECTION

PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE

1. Item/Type/Model No. required alongwith specification. *OxiMax Handpump attached Bio-De-fluoridation unit (including Installation & Construction of work station)*
2. Is the item a spare parts attachment or accessory for an existing equipment. *No.*
3. Name of the manufacturers/supplier of the item proposed by the Indentor. *HES Water Engineer's (India) Pvt. Ltd.*
4. Are they sole manufacturers/sole distributors of the item. *sole Manufacturers of the item; (to the best of our knowledge)*
5. Is there any other item with similar/ equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item from these offered by other. *Have not found any other manufacture of the item. No other manufacturing distributor available. Other available fluoride filters needs electricity and machinery which are not suitable for the purpose.*
6. What were the efforts made to locate alternative source of supply or use other substitutes. *Engaged manufacturing vendors & experts, both online & telephonically.*
7. Why open/limited tender can't be resorted to, for locating alternative source. *As per the available information no other manufacture available.*
8. Are the proprietary items certifying that the rates are reasonable or not. *Yes.*
9. Any other justification for procuring item from single source. *No.*

*[Signature]*  
Signature of Indentor (Demanding Officer)  
*21/09/2020*  
*CO of the project*

*[Signature]* 21.9.2020.  
COUNTERSIGN  
(Head of the Department)

I certify that the item at Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known/the specified brand proposed was advantages in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

Dr. A. Shariff  
Professor  
Dept. of  
India

(Strike out whichever is not applicable)



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**PROFORMA INVOICE**

<b>HES Water Engineers ( India ) Pvt.Ltd</b> K-27, Five Star Industrial Zone, MIDC, Butibori, Nagpur-441122. MSME Udyog Aadhar No. -MH20B0000794 GSTIN/UIN: 27AABCH5813Q1Z6 State Name : Maharashtra, Code : 27 CIN: U29100MH2005PTC154390 E-Mail : waterengineersindia@gmail.com	Invoice No.	Dated
	HESWE/2020-21/56	22-Oct-2020
	Delivery Note	Mode/Terms of Payment
		100% Payment After Receiving Material
	Supplier's Ref.	Other Reference(s)
Buyer <b>ALL INDIA INSTITUTE OF MEDICAL SCIENCE</b> Professor Dr.A.Shariff, Department Of Anatomy, AIIMS, New Delhi-110029. GSTIN/UIN : 07AAATA4049H1ZY PAN/IT No : State Name : Delhi, Code : 07 Place of Supply : Delhi	Buyer's Order No.	Dated
	By Mail	22-Oct-2020
	Despatch Document No.	Delivery Note Date
	Despatched through	Destination
Terms of Delivery		

SI No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	Supply, Installation & Commissioning of 'OxiMax' <i>Hand-pump Attached Bio-F-De-Fluoridation Unit</i>	8421	30 nos	74,000.00	nos	22,20,000.00
2	Construction of Filter Works Station	8421	30 nos	15,000.00	nos	4,50,000.00
						26,70,000.00
Sales IGST 5%						1,33,500.00
Total			60 nos			₹ 28,03,500.00

Amount Chargeable (in words) E. & O.E

**Indian Rupees Twenty Eight Lakh Three Thousand Five Hundred Only**

HSN/SAC	Taxable Value	Rate	Integrated Tax Amount	Total Tax Amount
8421	26,70,000.00	5%	1,33,500.00	1,33,500.00
Total	26,70,000.00		1,33,500.00	1,33,500.00

Tax Amount (in words) : **Indian Rupees One Lakh Thirty Three Thousand Five Hundred Only**



Company's PAN : AABCH5813Q

Declaration  
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details  
 Bank Name : State Bank of India ( O/D )  
 A/c No. : 30058194325  
 Branch & IFS Code: MIDC, Butibori & SBIN0009689  
 for HES Water Engineers ( India ) Pvt.Ltd

Prepared by \_\_\_\_\_ Verified by \_\_\_\_\_ Authorised Signatory \_\_\_\_\_

This is a Computer Generated Invoice

*Ashwini*

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Letter no. 924


Dated 17-03-2020

**To Whom It May Concern:**

We are pleased to certify that M/s HES Water Engineers (India) Pvt. Ltd., K-27, 5 Star Industrial Area, MIDC Butibori, Nagpur, Maharashtra has completed the commissioning work for 12 nos. Fluoride Removal Plants with Piped Water Supply under Mukhyamantri Nischay Har Ghar Nal Jal Yojana (Quality affected) with trial-run underway against order for, "Design, Construction, Supply, Testing and Commissioning of Water Supply Schemes with Electric Driven Pumps and Fluoride Removal Treatment Plant having technology (Adsorption/Nano Technology) of CSIR or certified by CSIR or any other technology endorsed/ approved by GoI in the Fluoride affected Habitations/ Wards of Districts of Bihar with 3 months trial run after commissioning and comprehensive operation & maintenance of 60 months after successful trial run period under Group- F107 by P.H. Division, Munger Ward-10, 11, 12 of Panchayat - Manjhgai, Ward- 7, 8 of Panchayat Ramankabad West, Ward-1, 2, 3, 4 of Panchayat Murade, Ward-5 of Panchayat Mudheri, Ward-4 of Panchayat Baijalpur under Block-Haweli Kharagpur & Ward-7 of Rahmatpur." The Fluoride removal units (as per approval by PHED-Bihar and CSIR-NEERI) are of various capacities, i.e. 6KLPH, 8KLPH, 12KLPH & 18KLPH complete with Borewell, 3HP/ 2HP pumps, 8m staging for filtered water storage in a 10KL HDPE tank, pipe distribution network using CIPET inspected HDPE pipes and taps in every household with retrofitted standpost. The trial run is underway and as per contract HES Water Engineers (India) Pvt. Ltd have to operate the units for 60 months.

We are satisfied with the work and performance as on date and this letter is being issued at the request of HES Water Engineers (India) Pvt. Ltd.

*[Signature]*  
Executive Engineer  
P.H Division, Munger.  
17/03/2020

*[Signature]*  
  
*[Signature]*



## HES Water Engineers (India) Pvt. Ltd.

ISO 9001-2008 CERTIFIED COMPANY

HES

CIN: U 29100 MH 2005 PTC 154390

**Reference:** HESWE/DFU/BIOF/HANDPUMP/BIHAR/AIIMS/2021/102020/001/R1

**Date:** 22-10-2020

To,  
Professor A Sheriff,  
Department of Anatomy, AIIMS,  
New Delhi – 110029.

**Subject:** Techno-commercial offer for the supply, installation, commissioning & 1 year maintenance of 30 nos. hand-pump attached OxiMax BIO-F de-fluoridation system.

Dear Sir,

We thank you for your enquiry for the following and are pleased to submit our special discounted techno-commercial offer for supply, installation & commissioning of hand-pump attached OxiMax BIO-F de-fluoridation system. This special price has been quoted considering the social work being done by your organization.

We have installed and supplied and installed about 7,500 Fluoride removal systems, 1,000 Iron & Arsenic removal systems, 1,500 Electro-chlorination systems, other water treatment plants and about 250 Toilets across our country. We have a collaboration for the internationally acclaimed BIOFIL™ Toilet Systems for our country. Our company has been in the business of water treatment for the last 12 years, and has been acclaimed for introducing game-changing technologies in the field of water quality improvement. We have recently also introduced Food Waste Digesters for our Indian market. These Food Waste Digesters convert all the Food Waste into Grey Water.

Our various technologies have been positively evaluated by reputed Government as well as Private organisations/ institutions like CSIR-NEERI, DRDO, MNIT, SIIR and NABL accredited laboratories, etc.. Our de-fluoridation media and systems have been positively evaluated by CSIR-NEERI for and on behalf of the States of Odisha and Jharkhand. With over 7,500 installations, it is by the far the most widely used de-fluoridation technology in our country.

Our mantra has always been to provide effective, sustainable and low-cost technologies for water quality improvement, sanitation and others.

Thanking you,

Yours sincerely,  
(For HES Water Engineers (India) Pvt. Ltd.)

(Jatin Ahuja)

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Address for Correspondence: K27, Five Star Industrial Zone, MIDC, Butibori, Nagpur-441122 (M.S.) INDIA  
Phone Number: 91-7104-265370, 265371, Fax: 91-7104-265372  
E-mail: [hesweindia@hesweindia.com](mailto:hesweindia@hesweindia.com), [waterengineersindia@gmail.com](mailto:waterengineersindia@gmail.com), Web site: [www.hesweindia.com](http://www.hesweindia.com)

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