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PROPRIETARY ARTICLE NOTICE

Ref. No.: IIPE/S&P/2022-23/PAC/05 Date: 21.09.2022

Indian Institute of Petroleum and Energy (IIPE), Visakhapatnam is an autonomous institute under the Ministry of Petroleum & Natural Gas, Govt. of India .The Institute would like to purchase **"SIMBA #Water _Academic Software (Perpetual License)"** on proprietary basis.

2. The following documents are uploaded to open information, to submit objections, comments if any from any manufacturer regarding proprietary nature of the equipment/item:-

i) Proprietary Certificate issued by the firm.

ii) Key Functionalities of the Software.

3. Objections if any are to be submitted through e-mail to procurement@iipe.ac.in within 7 days from the date of publishing this notice, failing which it will be presumed that no vendor is having any comments to offer and the case will be processed on merits.

(Dr B Murali Krishna)
Registrar (I/C)
IIPE Visakhapatnam

Proprietary Certificate

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File: ifak_declaration_of_ownersh

Magdeburg, 30/01/2017

To whom it may concern

Declaration of ownership

The software SIMBA, SIMBA# and SIMBA# classroom are software products to simulate waste water and water systems. The products have been developed by ifak "Institut für Automation und Kommunikation e.V. Magdeburg" in Germany since 1994. All ownership rights and intellectual property rights in and to this software as well as any or all copies (including documentation, source code, object code, concepts, artwork, animation, sounds, musical compositions, and/or additional materials) of the Software are owned by ifak e.V. Magdeburg. The software is the property of ifak e.V. Magdeburg and is protected by copyright laws and international copyright treaties.

ifak provides the right to sell licenses to selected partner companies.

The world-wide reseller of SIMBA# (except Germany, Switzerland, Austria and The Netherlands) is inCTRL Solutions Inc. 470 Anthony Drive Oakville, Ontario, L6J 2K5 Canada Website: www.inctrl.ca/ Email: simba@inCTRL.ca	The SIMBA# reseller in Germany, Switzerland, Austria, and The Netherlands is ifak technology+service GmbH Ludwig-Erhard-Allee 10 76131 Karlsruhe Germany Website: www.ifak-ts.com Email: simba@ifak-ts.com

Yours sincerely

Dr. Jens Alex
Head of Department

KEY FUNCTIONALITIES

SIMBA#water is a process simulator for modeling, simulation, optimization, and management of **wastewater treatment plants and beyond.** It provides process simulation capabilities for ***sewers***, ***wastewater treatment plants***, and ***rivers***. Key functionalities include:

- next generation graphical user interface (GUI) with unprecedented graphical results presentation
- full and on-line connectivity between all sub-systems of urban water systems (e.g. sewer-WWTP-river)
- seamless integration of static design, dynamic simulations, equipment sizing and selection
- best in class for development and testing of real-time control strategies
- best in class numerical algorithms and simulation speed
- a full library of wastewater treatment unit processes optimized for dynamic performance
- a next generation biofilm model that can handle irregular biofilm at unparalleled speed and accuracy
- advanced model editor that allows easy implementation of biological and unit process models