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Name –giving of cutter suction dredger “Ganga” underlines ambitions of ISD (International Seaport Dredging Ltd) on the Indian market.

Kakinada – 30 July 2010. On Friday 30 July the naming ceremony of the 6,675 kW cutter suction dredger “Ganga” took place in the premises of the Kakinada Seaport Private Ltd, in the Kakinada port in the State of Andhra Pradesh in India.

Mrs. Navatha, spouse of Mr. KV Rao, Chairman cum Managing Director of Kakinada Seaport private Ltd, has kindly accepted to be the godmother of the new dredger.

The stationary cutter dredger ‘Ganga’, named after the great Ganga River, has been engineered by the in-house specialists in cooperation with the Dutch company Vosta. The dredger has been built on the Vintage Shipyard in Malaysia. It can reach dredging depths between -3 m and – 22 m, allowing this dredger to execute a wide range of typical capital dredging works on the Indian subcontinent.

Some relevant features are:

- The focus on a relatively important pumping power, necessary to cover large reclamation distances, which are needed to cope with the often relatively gentle slopes along the Indian coasts.
 - Accommodation for 16 persons to allow the vessel to operate in full autonomy in the most remote locations.
 - Substantial operational flexibility owing to its flexible spud carriage, which is important to cope with sometimes heavy swell conditions in coastal areas that are confronted with monsoon conditions twice a year.
 - The engines are running on heavy fuel, which has a positive impact on operational costs.
- These features allow the ‘Ganga’ to be most competitive on the Indian dredging market with its typical characteristics.

International Seaport Dredging Limited (ISD) is one of the leading and pioneer Indian companies engaged in creating new ports and harbours, development of marine waterways and marine construction, maintenance dredging and oil-and-gas related services.

ISD is a joint venture company combining the dredging, marine engineering and environmental expertise of Dredging International with the civil construction expertise of the high-ranking Indian company Larsen & Toubro. ISD is proud to be the only actually successful joint company of a western dredging group and a strong Indian partner. Dredging International is a prominent world player in dredging, land reclamation and port development. The Indian Larsen

& Toubro is one of the largest conglomerates of the country in the private sector. Ever since its establishment in March 2004, ISD works with Indian staff in its head office in Chennai and on the different work sites throughout the country. The company flies the Indian flag and owns an Indian fleet of dredgers, underlining its long term commitment for operations and development on the Indian market.

Along with the trailing suction hopper dredgers 'Pacifique' and 'Antigoon', the cutter suction dredger 'Kaveri', and the recent addition 'Dhamra'- a Water Injection Dredger - , the new cutter 'Ganga' fits perfectly with ISD strategy of long-term commitment and engagement in the Indian market.

The above mentioned brand new Water Injection Dredger 'Dhamra' with a water injection flow of 12,000 m³/h is one of the most powerful dredgers in the world applying the relatively young WID technique. The name 'Dhamra' refers to the new port built by ISD in the State of Orissa.

The WID technique requires the use of limited energy and therefore is environmental friendly. By injecting water into the soft top layer of the sea bottom, this layer is liquefied and subsequently displaced by the natural processes of gravity and currents. The required combination of soft and sticky soils, gentle slopes and consistent sea currents in the right direction makes the WID 'Dhamra' perfectly fit for working in Indian waters.

Based on its commitment to the Indian market, ISD has emerged as a top key reliable marine and dredging contractor on the Indian subcontinent with a consistent track record of fulfilling its commitments as per schedule without any deviations, thereby winning the trust of its clients for future collaboration.

ISD have recently completed a major port construction project in Dhamra. 130 ha of land have been reclaimed to create new harbour areas, along with the dredging of a new 19 km long access channel and a turning basin.

Other references include port extension works in Cochin, Paradip, Karwar (Seabird project), Visakhapatnam and the development of Gangavaram Bulk Terminal Port. They are strong indicators that ISD contributes positively to the Indian maritime industry in terms of development of new ports and harbours. ISD has mastered the maintenance of geobunds that were constructed for the first time in India by Dredging International for Hazira Port Terminal. Furthermore, ISD has successfully completed maintenance projects in several Indian ports to the utmost satisfaction of the employer.

ISD is currently involved as main contractor in major capital dredging works at Kakinada Seaport. A first phase, the Kakinada Seaport Access Channel, Turning Basin and Berth 4, is at the completion stage.

As a major tool for project generation and development, ISD can rely on the services of the Project Finance Department of the parent company Indeed, financial engineering has become a vital part of the 'total-package' solutions that ISD attempts to offer to its clients worldwide. Hence, ISD can offer for the Indian market properly engineered creative financial packages to provide funding for new port developments. Tailor-made financial packages can be assembled and negotiated with potential investors, financial institutions and authorities to allow the implementation of new developments.

One recent example of these services is the buyer's credit that was signed in October 2009 between Kakinada SeaPorts Ltd and KBC Bank of Belgium for the above mentioned second stage of the Kakinada port development. This buyer's credit structure is supported by the official Belgian Export Credit Agency ONDD.

ISD operates with the dedicated mission, "To provide a healthy and safe workplace, an efficient, effective working system and quality technical service in an environmental responsible

manner” and with the vision to assist with committed people in designing, developing , tendering for and executing dredging and land reclamation works throughout the Indian subcontinent. It is our engagement to the further growth of the great country that India is. Moreover, it is an important target of ISD to expand its activities in neighbouring countries.

Main characteristics of the cutter dredger ‘Ganga’

Length: 72.50 m

Width: 14.00 m

Moulded depth: 4.30 m

Draught: 2.55 m

Dredging depth: 3.2 m to 22 m

Suction pipe diameter: 750 mm

Discharge pipe diameter: 750 mm

Total installed power: 6,675 kW

Power on cutter: 900 kW