Technical Profile

one name for industrial and marine services

www.wmsbd.com
Mission

Our mission is to continuously improve and earn our golden trade-mark ‘Western Marine quality and standard’ on our maritime industries.

Vision

Our vision is to become important and efficient part of our country’s modernization, growth and maritime strategy.

Corporate overview

- The Western Marine Services Ltd. was established in 1994 by a group of professionals who were willing to pool their resources to define a new order of maritime services.
- WMS is a cluster of technological excellence developed to meet the global demand of Maritime Industry.
- It combines the knowledge, Competence and skills of potential professionals with diversified facilities.
- The company follows a quality management system established through ISO 9001:2000 certified by Germanischer Lloyd.
- Welding procedure is being ensured in accordance with WPQR.
- WMS remains healthy & safe through the standard OHSAS 18000.
Code of Business Conduct

Introduction

The Corporate Business Principles of Western Marine Services prescribe certain values and principles which Western Marine Services has committed to local and worldwide. This Code of Business Conduct specifies and helps the continued implementation of the Corporate Business Principles by establishing certain non-negotiable minimum standards of behavior in key areas.

The nature of this Code is not meant to cover all possible situations that may occur. It is designed to provide a frame of reference against which to measure any activities. Employees should seek guidance when they are in doubt about the proper course of action in a given situation, as it is the ultimate responsibility of each employee to “do the right thing”, a responsibility that cannot be delegated.

Employees are always guided by the following basic principles:

• avoid any conduct that could damage or risk Western Marine’s or its reputation;
• act legally and honestly;
• put the Company’s interests ahead of personal or other interests.

For the purposes of this Code, references to “employees” include employees, associates, officers and directors of Western Marine’s and its subsidiaries.

Occupational health and safety

Western Marine Services Ltd is committed to protecting the health and safety of its employees, contractors and the general public and believes that every staff member and contractor working with Western Marine Services Ltd has the right to return home from work free from injury and harm. We comply with all health and safety legislation and regulations as a minimum, and adhere to Western Marine Services Ltd’s health and safety policies and systems in relation to our own people, contractors and members of the public.

Professional behavior

We maintain the highest levels of professional conduct in our interactions with each other and in representing the company with our customers, other stakeholders and the wider community. We maintain business relationships in a manner consistent with the principles of:

• Courtesy and respect for others
• Integrity and fairness
• Taking responsibility for one’s actions and being accountable for the consequences
• Having regard for interests, rights, safety and welfare of others
• Acting honestly, cooperatively and being trustworthy
• Being fair and unbiased in all our dealings
• Merit, equity and probity
• Promoting a positive image of Western Marine

Confidentiality

We value and protect our confidential information and we respect the confidential information of our clients.

Western Marine continued success depends on the use of its confidential information and its non-disclosure to third parties. Unless required by law or authorized by their management, employees shall not disclose confidential information or allow such disclosure. This obligation continues beyond the termination of employment. Furthermore, employees use best efforts to avoid unintentional disclosure by applying special care when storing or transmitting confidential information.

Western Marine respects that third parties have a similar interest in protecting their confidential information. In case those third parties, such as joint venture partners, suppliers or customers, share with WMS’ confidential information, such information shall be treated with the same care as if it was WMS’ confidential information. In that same spirit, employers shall protect confidential information that they have obtained in the course of their prior employment.
Board of Directors

Capt. Sohail Hassan  
Chairman  
Master Mariner  U.K./1987

Md. Sakhawat Hossain  
Vice Chairman  
Marine Engineer  Class 1, (Motor) U.K./1989

Abdul Fatah Rehmat  
Managing Director  
Marine Engineer  Class 1, (Motor) U.K./1989

Monzur Morshed Chy  
Commercial Director  
M.Com. (Accounting)  
Chittagong University/1987

Mohammed Abdul Mobin  
Technical Director  
Marine Engineer  Class 1, (Motor) Singapore/2003

Abdur Rahman Khan  
Director  
Marine Engineer  Class 1, (Motor) U.K./1992

Shah Alam  
Director  
B.Sc. Chittagong City College

Accreditations

[Images of certificates and documents]
Major Facilities & Manpower

- WMS is a limited company with its own head office in Agrabad commercial area, Chittagong, Bangladesh.
- It has two locations for a marine workshop & a warehouse cum reconditioning yard.
- The (Saltgola) workshop is beside CPA New Mooring container jetty.
- The (Sagorika) warehouse cum reconditioning yard is in BSCIC Industrial Estate.
- The company has a huge number of owned major equipment.
- The whole infrastructure is an outstanding professional combination of man and machine.

Major Equipment:

1. X Mobile crane swl – 39 mt
2. X Mobile crane truck mounted swl – 5 mt
3. X Forklift swl – 5mt
4. X Floating crane swl 15 tons on pontoon
5. X (500 kva, 200 kva, 90kva, 50 kva each) Genset
6. X Welding machine, 500a, 600a
7. X Gas cutting set
8. X Plate & pipe bending machine
9. X Ultrasonic thickness gauging machine
10. X Sand blasting set
11. X Air compressor for sand blasting
12. X Spray painting machine
13. X Shearing & punching machine (upto 12 mm plate)
14. X Universal machine 8V
15. X Lathe machine (Swing – 76.2 mm & Length – 4.27 m)
16. Microtweeze
17. MPI Machine
18. Hardness Tester
19. Ultrasonic Flow Detector
20. Ultrasonic Thickness Gauge
21. Own pit for Radiographic Test

Manpower:

- 8 X Marine Engineers (MEO Class-1)
- 12 X Mechanical Engineers
- 6 X Electrical Engineers
- 5 X Civil Engineers
- 25 X Supervisor/Foreman
- 150 X Skilled Workers
- 150 X Semi Skilled Workers

Space:

- Corporate Office – 4000 sft.
- Registered Office – 3500 sft.
- Saltgola Workshop – 4000 sft.
- Sagorika Warehouse – 35000 sft.
Our Services & Products

Industrial & heavy construction is Western Marine’s another field of expertise. We have the know-how for construction of steel towers, foot-over bridges, industrial sheds, civil constructions & other heavy constructions. We even have a rich track record in such industrial constructions.

Western Marine Shipyard: Total infra-structure design, implementation & construction of 2 storied production building, 3 storied staff accommodation, mosque, pavements, Internal road, slipway- 3 nos, gantry way, lock gate.

Section Seven: Construction of 80000 sft. 4 storied factory building & 26000 sft. 4 storied office building

BBSM: Fabrication, erection & sheeting of APC Bag House shed and fabrication & erection of pipes/ducts structures
Western Marine Services holds a strong portfolio in construction of storage tanks. We have even built the largest fuel storage tank in Bangladesh which has the holding capacity of 50,000m³ used by Eastern Refinery Ltd. We have built around 100 tanks of various capacities complying API 650 code.

What we do:

1. Tank Design and Drawing as per API 650 Code
2. Tank Fabrication, Erection, Painting, Testing, Commissioning, Calibration and Internal Floating Roof Installation of New Construction Dome Roof / Cone Roof Petroleum, Petrochemical, Oil and Water Storage Tank as per API 650 Code including supply of all required materials.
3. Tank Repair as per Code
4. Pipe line works including supply of all required materials.
5. Tank related all civil works.
7. Construction, Fabrication, Erection and Fixing of Pontoon Jetty including supply of all required materials.
<table>
<thead>
<tr>
<th>S/N</th>
<th>PROJECT NAME</th>
<th>PROCESS UNIT SIZE</th>
<th>OWNER/Clients</th>
<th>LOCATION</th>
<th>FINISHING YEAR</th>
<th>CONSTRUCTION PERIOD</th>
<th>CONTRACT MODE</th>
<th>NOTE</th>
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<tbody>
<tr>
<td>9</td>
<td>NEW CONSTRUCTION OIL STORAGE TANK</td>
<td>6,360 m3</td>
<td>DESHI ENERGY LTD.</td>
<td>DHAKA</td>
<td>2010</td>
<td>2010</td>
<td>ENGINEERING, PROCUREMENT &amp; CONSTRUCTION</td>
<td>1X4000 m3 HSD TANK, 1X2000 m3 HSD TANK, 1X180 m3 HSD TANK, 1X180 m3 HSD TANK</td>
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<td>10</td>
<td>NEW CONSTRUCTION STORAGE TANK</td>
<td>8,800 m3</td>
<td>ACRON INFRASTRUCTURE SERVICES LIMITED (Shangri Cat.)</td>
<td>CHITTAGONG</td>
<td>2012</td>
<td>2011-2012</td>
<td>PROCUREMENT, CONSTRUCTION &amp; COMMISSIONING</td>
<td>1X5000 m3 HFO TANK, 1X3000 m3 DFO TANK, 1X100 m3 DIESEL TANK, 1X100 m3 WASTE OIL TANK, 1X100 m3 FIRE WATER TANK</td>
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<tr>
<td>11</td>
<td>NEW CONSTRUCTION OIL STORAGE TANK</td>
<td>28,500 m3</td>
<td>SUPER PETROCHEMICAL PVT LTD</td>
<td>CHITTAGONG</td>
<td>2012</td>
<td>2011-2012</td>
<td>PROCUREMENT, CONSTRUCTION &amp; COMMISSIONING</td>
<td>3X5000 m3 OIL TANK, 4X2000 m3 OIL TANK, 1X1500 m3 OIL TANK, 1X1000 m3 OIL TANK, 6X500 m3 OIL TANK</td>
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<tr>
<td>12</td>
<td>3500 m3 FILTER WATER TANK</td>
<td>5000 m3</td>
<td>KARNAPHULI FERTILIZER COMPANY LTD (KAFICO)</td>
<td>CHITTAGONG</td>
<td>2012</td>
<td>2011-2012</td>
<td>DESIGN, CONSTRUCTION &amp; COMMISSIONING</td>
<td>1X5000 m3 FILTERED WATER TANK</td>
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<tr>
<td>13</td>
<td>CONSTRUCTION AND ERECTION OF 8000 m3 CAPACITY PETROLEUM OIL STORAGE TANK AT MAIN INSTALLATION GUPTAKHAL, CHITTAGONG</td>
<td>8000 m3</td>
<td>PINNA OIL COMPANY LTD</td>
<td>CHITTAGONG</td>
<td>2012</td>
<td>2011-2012</td>
<td>PROCUREMENT, CONSTRUCTION &amp; COMMISSIONING</td>
<td>1X8000 m3 PETROLEUM STORAGE TANK</td>
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<tr>
<td>14</td>
<td>CONSTRUCTION OF FOURTEEN (14) NOS. FURNACE OIL STORAGE TANK (5000MT EACH)</td>
<td>70,000 m3</td>
<td>MJ FUELS LTD.</td>
<td>CHITTAGONG</td>
<td>2015</td>
<td>2012-2015</td>
<td>PROCUREMENT, CONSTRUCTION &amp; COMMISSIONING</td>
<td>14X5000 m3 FURNACE OIL STORAGE TANK</td>
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**RUNNING PROJECT**

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<tr>
<th>S/N</th>
<th>PROJECT NAME</th>
<th>PROCESS UNIT SIZE</th>
<th>OWNER/Clients</th>
<th>LOCATION</th>
<th>FINISHING YEAR</th>
<th>CONSTRUCTION PERIOD</th>
<th>CONTRACT MODE</th>
<th>NOTE</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>NEW CONSTRUCTION STORAGE TANK</td>
<td>54,000 m3</td>
<td>PINNA OIL COMPANY LTD</td>
<td>CHITTAGONG</td>
<td>RUNNING</td>
<td>RUNNING</td>
<td>PROCUREMENT, CONSTRUCTION &amp; COMMISSIONING</td>
<td>2X5000 m3 JET-A1 STORAGE TANK, 1X8000 m3 HSD STORAGE TANK</td>
</tr>
<tr>
<td>2</td>
<td>NEW CONSTRUCTION STORAGE TANK</td>
<td>59,000 m3</td>
<td>EASTERN REFINERY LTD</td>
<td>CHITTAGONG</td>
<td>RUNNING</td>
<td>RUNNING</td>
<td>PROCUREMENT, CONSTRUCTION &amp; COMMISSIONING</td>
<td>2X13000 m3 FO STORAGE TANKS, 1X13000 m3 HSD STORAGE TANK</td>
</tr>
<tr>
<td>3</td>
<td>DESIGN, ENGINEERING, PROCUREMENT, CONSTRUCTION, TESTING, COMMISSIONING &amp; CALIBRATION OF 01 NO. CONDENSATE STORAGE TANK</td>
<td>5000 BBL</td>
<td>SYLHET GAS FIELDS LIMITED</td>
<td>CHITTAGONG</td>
<td>RUNNING</td>
<td>RUNNING</td>
<td>DESIGN, CONSTRUCTION &amp; COMMISSIONING</td>
<td>1X5000 BBL CONDENSATE STORAGE TANK</td>
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</table>
Jetty, Walkway & Gangway Construction

Western Marine Services has constructed & repaired many jettys in Chittagong for government & private use.

NDT (Non Destructive Testing) & Inspection

What we do:
- Visual Inspection
- Dye Penetrant Test (DPT)
- Magnetic Particle Inspection (MPI)
- Ultrasonic Test (UT)
- Ultrasonic Thickness Measurement (UTM)
- Radiographic Test (RT)
- Vacuum Test
- Hardness Test
- Calibration (Ship Engine Spare Parts: Piston, Liner, Crank Shaft etc.)
- Welding Procedure Test
- Welding Qualification Test
- Tensile Test
- Bend Test
- Charpy Impact Test
- Macro Test
- Macrophotograph Test (Material Test)
- Chemical Composition Test of Specimen.

Qualified persons in the NDT Department:
- Level II qualified - 5
- Level I qualified - 2
- Other technicians are also available.

Major Clients for NDT work:
- Western Marine Shipyard Ltd.
- Bangladesh Shipping Company
- Brave Royal Ship Management Ltd.
- Abul Khair Shipping Ltd.
- Santos Sango Field Limited.
- Karnaphuli Fertilizer Company Limited (KAFCO).
- Muhil Jamuna Fertilizer Limited (MJFL)
- Super Petrochemicals (Pvt.) Ltd.
- Bangla CAT
- Padma Oil Company Ltd.
- PHP (Ship Management)
- Bangladesh Container Lines Ltd. (BCL)
Dredging

Being a riverine nation the channels of Bangladesh require constant dredging to maintain minimum depth for navigation of ships. We are one of the dredging service providers in the country.

Ship Repair

Mongla Port & Chittagong Port are two major sea ports in Bangladesh & also attractive destinations for merchant ships all over the world. Thousands of ships hit these ports each year and require technical services. We are the prime choice of clients for ship repairing in Bangladesh. In fact Western Marine Services is the initiator of Marine Workshop in the private sector of the country since 1994. We still hold that heritage by doing all kinds of ship repairing works which include deck, engine repair works, plate renewal and installation of machineries including generator set, pumps, purifiers, air compressors & many more in our home ports Chittagong & Mongla.

What we do:

Deck repair
- Hull repair and renew
- Deck plating repair and renew
- Pipe fabrication and repair
- Fabrication of hatch covers
- All types of fabrication as per customer’s requirement
- Assist and undertake hull construction of new ship building under class
- New construction of barges & pontoon

Side shell repair at outer anchorage
**ENGINE AND AUXILIARIES**

- Repair and installation of main and auxiliary machinery
- Main engine trouble shooting and it’s related services
- Installation and repair of auxiliaries
- Pump, air compressor, purifier, etc repair and installation
- All types of pipe lines and valves
- Boiler tube repair, cleaning and repair
- Sewage treatment plant, oily water separator
- Heat exchanger cleaning, repair and installation
- Air conditioning plant and domestic fridge servicing
- Power plant generator set repair, maintenance and overhauling.
- Assist and undertake main and auxiliary machinery installation for new ship building under class
- All types of blower and fan repair and servicing

**HYDRAULIC SYSTEM**

- Steering gear repair and servicing
- Repair of mooring winch and anchor windlass
- Repair of hatch cover hydraulic system
- Installation and repair of deck crane
- All types of hydraulic system trouble shooting

**OTHERS**

- Supply of oxygen, acetelyne, freon gases
- Supply of machinery, spare parts and equipment for ocean going vessel and inland vessel
- Operate own pleasure craft (catamaran cruise vessel) in the river karnophulli
- Jetty construction.

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### TRACK RECORD OF SHIP REPAIR- COMPLETED

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Name of Employer and Contact Person</th>
<th>Type of Work Performed and Year of Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>WMS-SR/031</td>
<td>RICKMERS SHIPMANAGEMENT (SINGAPORE) PTE LTD # 42-01 AXA TOWER, SINGAPORE 068811</td>
<td>REPAIR OF MAIN ENGINE AIR TRUNK ON BOARD THE VESSEL “MV SPIRIT OF BANGKOK” [IMO NO. 9975399] DURING HER STAY AT CHITTAGONG PORT JETTY. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS-SR/030</td>
<td>ARUNA DENZICILIK LTD. STI TEKSTILKENT KOZA PLAZA, A-BLOK, KAT:7 NO: 25, ESENLER 54235, ISTANBUL, TURKEY</td>
<td>COMPLETE REPAIR &amp; FABRICATION DECK CRANE # 5 DENTED PLATE ON BOARD THE VESSEL “MV. ARUNA HULIA” [IMO NO. 9635391, CLASS: DNV” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS-SR/029</td>
<td>EVALEN Shipping COMPANY S.A. GREECE TEL: +3021033 18019, MOBILE: +306972 001150</td>
<td>TANK TOP GARGO HOLD NO. 1 DEAGAMED SECTION CROPPED &amp; RENEWED ON BOARD THE VESSEL “M.V. GO STAR” [IMO NO. 9071416, CLASS: NK &amp; VALLETTA” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS-SR/028</td>
<td>ATADURU DENZICILIK ATATURK C.D. LIMAN ISHANI NO: 316 KAT: 5 D: 605 ALSANCAK/IZMIR, TURKEY</td>
<td>REPAIR OF DECK &amp; MAIN ENGINE OVERHAULING ON BOARD THE VESSEL “MV. ANATOLIA” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS-SR/027</td>
<td>SYNERGY MARINE PTE.LTD 1 KIM SENG PRONEMADE #12-01, GREAT WORLD CITY, EAST TOWER SINGAPORE 239994</td>
<td>REPAIR OF DECK &amp; MAIN ENGINE OVERHAULING ON BOARD THE VESSEL “MV. TERRA LUMINA” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS-SR/026</td>
<td>FALCON SHIPPING 172A NGUYEN DONG CHIEU, DIST. 5, HCM CITY, VIETNAM TEL: 84.8.39300 997 (EXT. 118 ), 84.8.29300 995 / 84.8.29300 996</td>
<td>REPAIR &amp; OVERHAULING OF MAIN &amp; AUXILIARY ENGINE ON BOARD THE VESSEL “MV. HEARTY FALCON” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2014</td>
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<tr>
<td>Sl No</td>
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<tr>
<td>WMS- SR/ 025</td>
<td>NOBPAC SHIPPING PTE LTD.</td>
<td>REPAIR &amp; OVERHAULING OF MAIN &amp; AUXILIARY ENGINE ON BOARD THE VESSEL &quot;MV. BUKIT TIMAH&quot; DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE.</td>
</tr>
<tr>
<td>WMS- SR/ 024</td>
<td>MEGHNA GROUP OF INDUSTRIES</td>
<td>PLATE RENEWAL JOBS ON BOARD THE VESSEL &quot;MV. MECHNA PRINCE&quot; DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS- SR/ 023</td>
<td>MR. VLADIMIR GRUSHYN</td>
<td>DECK CRANK DAMAGE JOB REMOVAL FROM SHIP. CARRIED OUT NECESSARY REPAIR &amp; RENEWAL OF &quot;MV. SOUL OF LUCK&quot; - FLAG: PANAMA &amp; IMO # 9148647 YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS- SR/ 022</td>
<td>MANAGING DIRECTOR CHITTAGONG DRY DOCK LTD. WMS- SR/ 021</td>
<td>PLATE RENEWAL JOBS ON BOARD THE VESSEL &quot;MV. BRAVE ROYAL&quot; DURING HER STAYS AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS- SR/ 020</td>
<td>MRS. AGUSTIN</td>
<td>VARIOUS REPAIR &amp; OVERHAULING WORKS ON BOARD THE VESSEL &quot;MV. GLADYS&quot; DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2015</td>
</tr>
<tr>
<td>WMS- SR/ 019</td>
<td>EDEN LINE LIMITED</td>
<td>CARGO TANKS &amp; WBT TANK'S REPAIRED AND MAIN DECKS INCLUDING ALL PIPE-LINES &amp; FITTINGS REPAIR WORKS ON BOARD THE VESSEL &quot;MV. ADORIS&quot; DURING HER STAY AT CHITTAGONG PORT JETTY. YEAR OF COMPLETION 2015</td>
</tr>
<tr>
<td>WMS- SR/ 018</td>
<td>LINDE BANGLADESH LIMITED</td>
<td>ADSORBER VESSEL (VESSEL NO. 380270 FOR BED-A) &amp; 380271 FOR BED-B REPAIRED AT SHITALPUR, SITAKUNDA, &amp; 380272 FOR BED-A) AS PER WORK ORDER NO. 0789000 FOR BED-A) AS PER WORK ORDER NO. 9148647. YEAR OF COMPLETION 2014</td>
</tr>
<tr>
<td>WMS- SR/ 017</td>
<td>ALUNITED MARITIME BUSINESS (PVT) LTD</td>
<td>MAJOR OVERHAULING OF ALUENGINE # 01, ENGINE TYPE: DAIHATSU - 5DK-20 &amp; AIR COOLER, LUB OIL COOLER, JACKET COOLING PUMP &amp; PIPE LINE RENEWAL WORKS ON BOARD THE VESSEL &quot;MV. CROWN VOYGEER&quot; DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. JOB STARTED: 15.09.2013, COMPLETED: 29.09.2013</td>
</tr>
<tr>
<td>WMS- SR/ 016</td>
<td>BULK SHIPPING LINES (PVT) LTD</td>
<td>BOILER REPAIR WORKS ON BOARD THE VESSEL &quot;MV. GREEN FIELD&quot; - 1 AT CHITTAGONG OUTER ANCHORAGE [AS PER QUOTATION, DATED: 22.05.2013] YEAR OF COMPLETION 2015</td>
</tr>
<tr>
<td>WMS- SR/ 015</td>
<td>BAY NAVIGATION LIMITED</td>
<td>SPECIAL SALVAGE BARGE WITH HIGH CAPACITY WINCH &amp; ANCHOR, ENGINE TUG BOAT FOR MANEUVERING BARGE WITH WINCH, ON BOARD VESSEL MV. JING MING AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2015</td>
</tr>
<tr>
<td>WMS- SR/ 014</td>
<td>BAY NAVIGATION LIMITED</td>
<td>UNIT OVERHAULING INCLUDING LINER RENWER/ REPLACEMENT, ENGINE MAKER &amp; TYPE: MAN BRW - 6616 MCE, ON BOARD THE VESSEL &quot;MV. CRYSTAL SAPPHIRE&quot; DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2015</td>
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<tr>
<td>WMS- SR/ 013</td>
<td>BULK SHIPPING LINES (PVT) LTD</td>
<td>SHIPS NAME PLATE NEWLY FABRICATED, SR LOGO FIXING &amp; WELDING IN BOTH SIDE (PORT &amp; STBD) ON BOARD THE VESSEL &quot;MV. KHADEEJAH JAHAN &amp; MV. AISHA SARWAR DURING HER STAYS AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2015</td>
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<tr>
<td>WMS- SR/ 012</td>
<td>BULK SHIPPING LINES (PVT) LTD</td>
<td>REPAIR WORK, PLATE RENEWAL, PIPING WORK, CRANE SUPPLY AND INSTALLATION ETC. ON BOARD THE VESSEL &quot;MV. GREEN FIELD - 1&quot; AT CHITTAGONG DRY DOCK AND OUTER ANCHORAGE UNDER CLASS RINA. YEAR OF COMPLETION 2012</td>
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<tr>
<td>Sl. No</td>
<td>Name of Employer and Contact Person</td>
<td>Type of Work Performed and Year of Completion</td>
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<tr>
<td>WMS- SR/ 001</td>
<td>MANAGING DIRECTOR CHITTAGONG DRY DOCK LTD. P. BOX BANDRA # 2007, EAST PATANGA, CHITTAGONG.</td>
<td>COMPLETED REPAIR WORK ON VESSEL “BANGLAR KAKOLI” PLATE RENEWAL WORK AS PER WORK ORDER NO. CDD/PL/DR/455/64. DATED: 04/05/2012 YEAR OF COMPLETION 2012</td>
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<td>WMS- SR/ 002</td>
<td>K.S. MARITIME PTE LTD. 901 CECIL STREET, # 10-01 TONG ENG BUILDING, SINGAPORE 069553, TEL: 6222 0081, FAX; 6222 6050</td>
<td>REPAIR WORKS ON BOARD THE VESSEL “M.V. K.S. GRACE” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2012</td>
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<tr>
<td>WMS- SR/ 003</td>
<td>MEGHNA GROUP OF INDUSTRIES FRESH VILLA, HOUSE NO.15, ROAD NO. 34 GULSHAN, DHAKA, BANGLADESH ATTN: MR. SYED ROWSHON ANSAR (TECHNICAL MANAGER)</td>
<td>JOBS ON BOARD THE VESSEL “M.V. GOLDEN TULIP” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2012</td>
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<tr>
<td>WMS- SR/ 005</td>
<td>S.R. SHIPPING LTD. KABIR MANZIL, SK MUBB ROAD, BARIK BUILDING, CHITTAGONG,</td>
<td>REPAIR JOB ON BOARD THE VESSEL M.V. KHADIZA JAHAN, IMO NO. 8318685 DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2011</td>
</tr>
<tr>
<td>WMS- SR/ 006</td>
<td>TERRA-MARINE SHIP MANAGEMENT (PVT) LTD. 2ND FLOOR, OLD RALLI BUILDING, TALPUR ROAD, KARACHI, PAKISTAN. TEL: +99(21) 2410041, MOB: +92 (321)2928677</td>
<td>REPAIR &amp; ENGINE OVERHAULING WORKS ON BOARD THE VESSEL “MV. OCEAN TRIUMPH” DURING HER STAY AT CHITTAGONG OUTER ANCHORAGE. YEAR OF COMPLETION 2011</td>
</tr>
</tbody>
</table>
Marine Spare Parts Supply & Export

We have a huge stock of new & reconditioned spare parts collected from demo listed vessel. We export all items of spare parts and complete machineries as per customers’ requirements at a very competitive price, having checked by our engineers and overhauled with Class Condition Certificate if necessary.

The ship demolishing scrap yard in Chittagong is the largest scrap yard in the world. It is a huge source of different types of machineries & spare parts from demo ships. Western Marine collects the best parts of these ships & reconditions them for reuse. So far we have exported such spare parts to more than 100 destinations. Once we get a query from our client, right away we step our foot down ensuring it meets the demand on right time.

Dry-docking Consultancy

A small concern of Western Marine Services is engaged in dry docking consultancy which includes survey, inspections & other consultancy services. The dedicated professionals engaged in such works have vast knowledge in marine & industrial field. The services provided include:

- NDT consultancy
- NDT procedure, planning & approval
- Ultrasonic testing
- Radiography testing
- Eddy current testing
- Magnetic particle testing
- Cathodic protection consultancy & installation
- Post weld harden testing
- Crankshaft hardness testing
MAJOR COMPLETED PROJECTS

Western Marine Shipyard
Western Marine Industries
Western Maritime Institute
WM Dredging Co. Ltd.
Western Fishers Shipyards
MM Marine Engineering
Western Marine Services
Western Holdings Ltd.
Zenith Test & Inspection Services
**15 X STORAGE TANKS FOR SUPER PETRO CHEMICAL PVT. LTD.**

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Nos of Tank</th>
<th>Tank Capacity</th>
<th>Dia (M)</th>
<th>Height (M)</th>
<th>Project Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction of 15 no's Dome Roof Petroleum and Petrochemical Storage Tank as per API 650 at Jutia, Dargar Char, Chittagong under Super Petrochemical (Pvt.) Limited, Chittagong within the stipulated time as per contract.</td>
<td>3</td>
<td>5000 m³</td>
<td>26.005</td>
<td>10.92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>2000 m³</td>
<td>16.5</td>
<td>10.92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1500 m³</td>
<td>14.5</td>
<td>10.92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>1000 m³</td>
<td>12</td>
<td>10.92</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>500 m³</td>
<td>9.3</td>
<td>9.1</td>
<td>2011-2012</td>
</tr>
</tbody>
</table>
15 X STORAGE TANKS FOR SUPER PETRO CHEMICAL PVT. LTD.

Corporate Office:
Amin Future Park (6th Floor)
Strand Road, Chittagong-4100, Bangladesh
Tel: +880-31-25300 30-2, 712177, 726579
Fax: +880-31-720248
Email: wms@wms.com.bd
Website: www.wmsbd.com

Registered Office:
H.B.S.C Building (Gr. Floor)
1/D, Agrabad C/A,
Chittagong-4100, Bangladesh.
Tel: +880-31-251127-8
**14 X STORAGE TANKS FOR MOBIL JAMUNA FUELS LTD.**

<table>
<thead>
<tr>
<th>Project Name</th>
<th>No. of Tanks</th>
<th>Tank Capacity (each)</th>
<th>Dia (M)</th>
<th>Height (M)</th>
<th>Project Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction of 14 Nos Furnace Oil Storage Tanks Having Capacity of 5000 MT (Each) at Tank Terminal, Cupakhali, East Patenga, Chittagong under Mobil Jamuna Fuels Limited, Dhaka within the stipulated time as per contract.</td>
<td>14</td>
<td>5000</td>
<td>24.5</td>
<td>12.803</td>
<td>2012-2013</td>
</tr>
</tbody>
</table>
14 X STORAGE TANKS FOR MOBIL JAMUNA FUELS LTD.

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Registered Office:
H.B.F.C Building (Gr. Floor)
1/D, Agrabad C/A,
Chittagong-4100, Bangladesh.
Tel: +880-31-251127-8
### 1 X FILTER WATER TANK FOR KAFCO

<table>
<thead>
<tr>
<th>Project Name</th>
<th>No. of Tanks</th>
<th>Tank Capacity</th>
<th>Dia (M)</th>
<th>Height (M)</th>
<th>Project Duration</th>
</tr>
</thead>
</table>
1 X FILTER WATER TANK FOR KAFCO
# 4 X Storage Tanks for Desh Energy

<table>
<thead>
<tr>
<th>Project Name</th>
<th>No. of Tanks</th>
<th>Tank Capacity</th>
<th>Dia (M)</th>
<th>Height (M)</th>
<th>Project Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 MW RENTAL POWER PLANT AT SIDDIRONG, NARAYANGONG, DHAKA UNDER THE POWER PLANT WITH THE POWER DEVELOPMENT BOARD OF GOVERNMENT OF BANGLADESH AS PER CONTRACT FOLLOWED BY API 650 CODE INCLUDING SUPPLY OF ALL REQUIRED MATERIALS</td>
<td>1</td>
<td>4000 m³</td>
<td>18.60</td>
<td>14.65</td>
<td>2010:</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2000 m³</td>
<td>15.0</td>
<td>10.97</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>180 m³</td>
<td>7.3</td>
<td>4.3</td>
<td></td>
</tr>
</tbody>
</table>
4 X STORAGE TANKS FOR DESH ENERGY

Corporate Office:
Amin Future Park (6th Floor)
Strond Road, Chittagong-4100, Bangladesh
Tel: +880-31-2550030-2, 712177, 726579
Fax: +880-31-720249
Email: wms@wms.com.bd,
Website: www.wmsbd.com

Registered Office:
H.B.F.C. Building (Gr. Floor)
1/D, Agrabad C/A,
Chittagong-4100, Bangladesh
Tel: +880-31-2511127-8

WESTERN MARINE SERVICES LIMITED
Chittagong, Bangladesh
# 8 X Storage Tanks for Bangla Cat

<table>
<thead>
<tr>
<th>Project Name</th>
<th>No. of Tanks</th>
<th>Tank Capacity</th>
<th>Dia (M)</th>
<th>Height (M)</th>
<th>Project Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>100MW Rental Power Plant Atjula, Dangar Char, Chittagong Under Acron Infrastructure Services Limited (Bangla Cat), Banani, Dhaka 1213 with The Power Development Board of Government of Bangladesh within the stipulated time as per contract, followed by API500 code.</td>
<td>2</td>
<td>5000 m³</td>
<td>25</td>
<td>12.16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>3000 m³</td>
<td>20</td>
<td>10.64</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>100 m³</td>
<td>5.2</td>
<td>3.79</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>150 m³</td>
<td>5.2</td>
<td>5.31</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>300 m³</td>
<td>9</td>
<td>6.08</td>
<td></td>
</tr>
</tbody>
</table>

2011-2012
2 X 50000 M3 STORAGE TANKS FOR EASTERN REFINERY LTD.

2 NOS. OF 50000M3 CRUDE OIL STORAGE TANK
FOR EASTERN REFINERY LTD., CHITTAGONG.
CODE : 650 (9TH EDITION)
CONTRACTOR : MACHINE SAZI ARAK, IRAN
BUILDER : WESTERN MARINE SERVICES LTD.
2 X 50000 M3 STORAGE TANKS FOR EASTERN REFINERY LTD.

Corporate Office:
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Fax: +880-31-720248
Email: wms@wms.com.bd,
Website: www.wms.com.bd

Registered Office:
H.B.F.C Building (Gr. Floor)
1/D, Agrabad C/A,
Chittagong-4100, Bangladesh.
Tel: +880-31-251127-8

WESTERN MARINE SERVICES LIMITED
Chittagong, Bangladesh
REPAIR & RENOVATION OF HOPPER DREDGER “MD KHANAK” UNDER CPA

Task: Repairing and renewals of all propulsion machinery, electrical switchgears, control system, all blowers, deck machineries, anchors, windlass, steering equipments, all motors, electrical main and auxiliary switch boards after being capsized.

Project duration: 2011-2012

Ship specs:
Name: M.D. KHANAK
Ship Type: Hopper Dredger
Port of Registry: Chittagong
Call Sign: S2TB
Length/Breadth: 83.5 m / 16.5 m
Dead Weight/Gross Tonnage: 4293 GT / 3226 GT
IMO No: 8900206
Class: Germanischer Lloyd
Main Engine: 02 number Wartsila 8R.26L
Power: 1660 kw each
Diesel Generator: 02 number Wartsila 6R26L
Power: 950 kw each
REPAIR & RENOVATION OF HOPPER DREDGER “MD KHANAK” UNDER CPA

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Registered Office:
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I/D, Agrabad C/A,
Chittagong-4100, Bangladesh
Tel: +880-31-251127-8
# Renovation of CPA Marine Workshop Including Repair & Renewal of All Workshops, 1200 & 50 Ton Slipways

<table>
<thead>
<tr>
<th>Specification</th>
<th>1200 Tons Slipway</th>
<th>50 Tons Slipway</th>
<th>Workshop &amp; buildings with all necessary machineries &amp; equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum capacity (cradle + Craft)</td>
<td>1570 tons</td>
<td>370 tons</td>
<td>Machine Shop 1</td>
</tr>
<tr>
<td>Weight of cradle</td>
<td>514 tons</td>
<td>04</td>
<td>Electric Shop 1</td>
</tr>
<tr>
<td>Distance from cradle to stop end</td>
<td>112</td>
<td>450 tons</td>
<td>Carpentry Shop 1</td>
</tr>
<tr>
<td>No. of running rails</td>
<td>4 inches</td>
<td>1 inches</td>
<td>Diesel Shop 1</td>
</tr>
<tr>
<td>Ship of the slipway</td>
<td>3.54 inches</td>
<td>1 inches</td>
<td>Foundry Shop 1</td>
</tr>
<tr>
<td>Diameter of up haul rope</td>
<td>40 tons</td>
<td>1 inches</td>
<td>Fitting Shop 1</td>
</tr>
<tr>
<td>Breaking strength up haul rope</td>
<td>7.5 ft/minute</td>
<td>200 ft</td>
<td>Shipbuilding Shop 1</td>
</tr>
<tr>
<td>Diameter of down haul rope</td>
<td>20 tons</td>
<td>50 Ton Winch Room 1</td>
<td></td>
</tr>
<tr>
<td>Breaking strength of down haul rope</td>
<td>192 ft</td>
<td>1</td>
<td>New Administrative Building 1</td>
</tr>
<tr>
<td>Length of the cradle</td>
<td>52 ft 6 inches</td>
<td>22</td>
<td>Other Major Components :</td>
</tr>
<tr>
<td>Breadth of cradle</td>
<td>200</td>
<td>04</td>
<td>7.0 MT Portal crane 1</td>
</tr>
<tr>
<td>No. of cradle wheels</td>
<td>94</td>
<td>375 MT Overhead crane 2</td>
<td></td>
</tr>
<tr>
<td>No. of keel blocks</td>
<td>22</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of bilge blocks</td>
<td>04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of Dolphins</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bollards</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of cradle movement post</td>
<td>08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of Sighting post for docking</td>
<td>02</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor capacity</td>
<td>2x80 kW &amp; 2x22 kW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DEVELOPMENT OF WESTERN MARINE SHIPYARD

Description: Total infra-structure design, implementation & construction of

- 2 storied production building,
- 3 storied staff accommodation,
- Mosque,
- Pavements,
- Internal road,
- Slipway- 5 nos,
- Gantry way,
- Lock gate

Area = 150,000 Sft.
Project Period: 2007~2012
FACTORY BUILDING & OFFICE BUILDING FOR SECTION SEVEN

Construction Type: Steel Beam Work
Level: 4 Storied Factory Building & 4 Storied Office Building
Design Type: Composite: RCC Column with steel beam section (I-Beam section)
Design approved by: BEPZA, Dhaka.
Area: Factory - 80,000 sq ft. (20,000 sq ft. in each floor), Office-26000 sq ft. (GF = 5,000 + 7,000 X 3 Floor)
Base Foundation: Single pile
Construction started: April 2005
Handed Over: April 2006