



## Oceaneering International

### ROV SERVICES RATE SCHEDULE AFRICA, MIDDLE EAST AND CASPIAN SEA

#### AFRICA MIDDLE EAST ROV HEADQUARTERS

##### DUBAI, U.A.E

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Sheikh Zayed Road, P.O Box : 115215  
Dubai, United Arab Emirates  
Phone (971) 4 311 7500 / Fax (971) 4 311 7600

#### EASTERN REGION HEADQUARTERS

##### ABERDEEN, UNITED KINGDOM

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**NOTE** – ALL RATES INCLUDED IN THIS RATE BOOK ARE STRICTLY **EXCLUSIVE** OF ANY AND ALL LOCAL TAXES, LEVIES AND DUTIES AS MAY BE LEVIED BY THE RELEVANT AUTHORITIES OF THE GOVERNING JURISDICTION.

REMOTELY OPERATED VEHICLES

**HYDRA® MAGNUM SYSTEM (RATED TO 3,000 METERS / 10,000 FEET)**

Oceaneering's **HYDRA® MAGNUM and MAGNUM PLUS** are high thrust, high payload work vehicles designed for medium to heavy work tasks in water depths up to 10,000 feet. These vehicle systems are available in 75, 100 and 170 horsepower configurations, all of which are deployed from a side entry cage with a 600-foot flying tether. Bolt-on work packages can be attached to supplement the 7-function manipulators on the vehicle. The **HYDRA® MAGNUM and MAGNUM PLUS** perform a full range of drilling and construction support work tasks and can be outfitted for precision inspection work. The **HYDRA® MAGNUM and MAGNUM PLUS** have an extensive track record of high reliability and deep-water performance and are capable of working in the most extreme offshore conditions.

**Standard Package:**

- **HYDRA® MAGNUM**, 75/100 horsepower ROV
- Rated to 10,000 FSW
- Deck winch with 10,000 feet fiber optic, armored umbilical
- Hydraulically controlled A-frame (other launch frames available to suit installation requirements)
- Subsea deployment cage with lighting and video (side entry with minimum 180 meters tether)
- Super VHS recorders and monitors (or optional DVD recorders)
- Digital video display software with "Picture in Picture" video
- Video switching system
- Fiber optic video and data transmission
- High resolution, color CCD camera
- Black & white ultra low light camera
- Aft facing, black & white, CCD camera
- Manipulator mounted, black & white, CCD camera (optional)
- Simrad/Mesotech MS 900 high resolution scanning sonar or equivalent
- Simrad/Mesotech Altimeter or equivalent
- KVH Gyro (with Dinsmore magnetic heading sensor back-up)
- Paroscientific "Digiquartz" precision depth sensor (with Omega strain gauge back-up)
- Auto depth/auto heading/auto altitude with full-time bathymetry display
- 2 x 7-function manipulators (other manipulator available upon request)
- Hydraulic cutter for wire rope (up to 1.25" diameter)
- Hydraulic cutter for fibre rope (up to 1" diameter)
- Stanley TPO-3 dredge/jet pump
- Ring gasket replacement tooling (18 ¾" AX/VX)
- Hydraulic rotary grinder/cutter/buffer
- Control van
- Maintenance van
- Complete inventory of system spares including tether
- Mechanical and electronics tools and test equipment
- 25 kvA Mini Motor Generator set

Total day rate for standard **HYDRA® MAGNUM** package..... **\$ 6,500.00\***

*\*Day rate is inclusive of tethers and maintenance items for normal operations.*

**Standard Package:**

- **HYDRA® MAGNUM PLUS**, 170 horsepower ROV
- Rated to 10,000 FSW
- Deck winch with 10,000 feet fiber optic, armored umbilical
- Hydraulically controlled A-frame (other launch frames available to suit installation requirements)
- Subsea deployment cage with lighting and video (side entry with minimum 300 meters tether)
- Super VHS recorders and monitors (or optional DVD recorders)
- Digital video display software with "Picture in Picture" video
- Video switching system
- Fiber optic video and data transmission
- High resolution, color CCD camera
- Black & white ultra low light camera
- Aft facing, black & white, CCD camera
- Manipulator mounted, black & white, CCD camera (optional)
- Simrad/Mesotech MS 900 high resolution scanning sonar or equivalent
- Simrad/Mesotech Altimeter or equivalent
- KVH Gyro (with Dinsmore magnetic heading sensor back-up)
- Paroscientific "Digiquartz" precision depth sensor (with Omega strain gauge back-up)
- Auto depth/auto heading/auto altitude with full-time bathymetry display
- 2 x 7-function manipulators (other manipulator available upon request)
- Hydraulic cutter for wire rope (up to 1.25" diameter)
- Hydraulic cutter for fibre rope (up to 1" diameter)
- Stanley TPO-3 dredge/jet pump
- Ring gasket replacement tooling (18 ¾" AX/VX)
- Hydraulic rotary grinder/cutter/buffer
- Control van
- Maintenance van
- Complete inventory of system spares including tether
- Mechanical and electronics tools and test equipment
- 25 kvA Mini Motor Generator set

Total day rate for standard **HYDRA® MAGNUM PLUS** package ..... **\$ 7,220.00\***

*\*Day rate is inclusive of tethers and maintenance items for normal operations.*

**HYDRA® MILLENNIUM SYSTEM (RATED TO 3,000 METERS / 10,000 FEET)**

Oceaneering's **HYDRA® MILLENNIUM and MILLENNIUM PLUS** ROV systems are high thrust; high payload work vehicle designed for heavy duty underwater work tasks. Retaining the same manipulator configuration as the Oceaneering **HYDRA® MAGNUM** series ROVs, the **HYDRA® MILLENNIUM and MILLENNIUM PLUS** deliver one hundred fifty (150) HP on the vehicle by utilizing two, 75 horsepower HPU's or two hundred and twenty (220) HP utilizing two, 110 horsepower HPU's. The **HYDRA® MILLENNIUM and MILLENNIUM PLUS** are configured for working in depths up to 10,000 feet of water and perform a full range of underwater drilling, production, construction, salvage, and inspection work tasks.

**Standard Package:**

- **HYDRA® MILLENNIUM**, 150 horsepower ROV
- Rated to 10,000 FSW
- Deck winch with 10,000 feet fiber optic, armored umbilical
- Hydraulically controlled A-frame (other launch frames available to suit installation requirements)
- Subsea deployment cage with lighting and video (side entry with minimum 180 meters tether)
- Super VHS recorders and monitors (or optional DVD recorders)
- Digital video display software with "Picture in Picture" video
- Video switching system
- Fiber optic video and data transmission
- High resolution, color CCD camera
- Black & white ultra low light camera
- Aft facing, black & white, CCD camera
- Manipulator mounted, black & white, CCD camera (optional)
- Simrad/Mesotech MS 900 high resolution scanning sonar or equivalent
- Simrad/Mesotech Altimeter or equivalent
- KVH Gyro (with Dinsmore magnetic heading sensor back-up)
- Paroscientific "Digiquartz" precision depth sensor (with Omega strain gauge back-up)
- Auto depth/auto heading/auto altitude with full-time bathymetry display
- 2 x 7-function manipulators (other manipulator available upon request)
- Hydraulic cutter for wire rope (up to 1.25" diameter)
- Hydraulic cutter for fibre rope (up to 1" diameter)
- Stanley TPO-3 dredge/jet pump
- Ring gasket replacement tooling (18 ¾" AX/VX)
- Hydraulic rotary grinder/cutter/buffer
- Control van
- Maintenance van
- Complete inventory of system spares including tether
- Mechanical and electronics tools and test equipment
- 25 kvA Mini Motor Generator set

Total day rate for standard **HYDRA® MILLENNIUM** package ..... **\$ 7,475.00\***

\*Day rate is inclusive of tethers and maintenance items for normal operations.

**Standard Package:**

- [HYDRA® MILLENNIUM PLUS](#), 220 horsepower ROV
- Rated to 10,000 FSW
- Deck winch with 10,000 feet fiber optic, armored umbilical
- Hydraulically controlled A-frame (other launch frames available to suit installation requirements)
- Subsea deployment cage with lighting and video (side entry with minimum 300 meters tether)
- Super VHS recorders and monitors (or optional DVD recorders)
- Digital video display software with "Picture in Picture" video
- Video switching system
- Fiber optic video and data transmission
- High resolution, color CCD camera
- Black & white ultra low light camera
- Aft facing, black & white, CCD camera
- Manipulator mounted, black & white, CCD camera (optional)
- Simrad/Mesotech MS 900 high resolution scanning sonar or equivalent
- Simrad/Mesotech Altimeter or equivalent
- KVH Gyro (with Dinsmore magnetic heading sensor back-up)
- Paroscientific "Digiquartz" precision depth sensor (with Omega strain gauge back-up)
- Auto depth/auto heading/auto altitude with full-time bathymetry display
- 2 x 7-function manipulators (other manipulator available upon request)
- Hydraulic cutter for wire rope (up to 1.25" diameter)
- Hydraulic cutter for fibre rope (up to 1" diameter)
- Stanley TPO-3 dredge/jet pump
- Ring gasket replacement tooling (18 ¾" AX/VX)
- Hydraulic rotary grinder/cutter/buffer
- Control van
- Maintenance van
- Complete inventory of system spares including tether
- Mechanical and electronics tools and test equipment
- 25 kvA Mini Motor Generator set

Total day rate for standard [HYDRA® MILLENNIUM PLUS](#) package ..... **\$ 8,075.00\***

## REMOTELY OPERATED VEHICLES

OCEANEERING

\*Day rate is inclusive of tethers and maintenance items for normal operations.

### LABOUR

#### PERSONNEL FOR 12-HOUR DAY OPERATIONS:

(work class ROV system requires a minimum crew of one supervisor and two pilot technicians for 12-hour per day operations)

	<u>12-Hour Day</u>	<u>Overtime Hour *</u>
(1) Supervisor	\$2,915.00	\$365.00
(1) Pilot Technician	\$2,780.00	\$345.00
(1) Tooling Engineer	\$2,915.00	\$365.00
(1) Tooling Technician	\$2,650.00	\$330.00
(1) Methanol Technician	\$2,780.00	\$345.00

#### Additional Personnel for 24-hour day Operations:

(work class ROV system requires a minimum crew of two supervisors and four pilot technicians for 24-hour per day operations)

	<u>12-Hour Day</u>	<u>Overtime Hour *</u>
(1) Supervisor	\$2,915.00	\$365.00
(1) Electronics Technician	\$2,780.00	\$345.00
(1) Tooling Engineer	\$2,915.00	\$365.00
(1) Tooling Technician	\$2,650.00	\$330.00
(1) Methanol Technician	\$2,780.00	\$345.00

Third party personnel provided by Oceaneering will be invoiced at **Cost Plus Fifteen Percent (15%)**.

\*Overtime rates also apply to the standard crew.

### EQUIPMENT

	<u>DAY RATE \$</u>
Fibre Optic Gyro.....	795.00
Digital Stills Camera.....	295.00
Cathodic protection (Digi CP Probe).....	100.00
Ultrasonic test equipment.....	Price on Request
Hydraulic impact wrench (IW12).....	100.00
Grinder / Cutter / Wire Brush (Stanley GR 29).....	100.00
18 3/4" AX, VX ring installation tool.....	70.00
Dirty Work Pack (9 – 12 litre per min) c/w 20 litre reservoir (Glycol or Oil).....	274.00
Zipjet Ultra Dredge / Jetting Pump.....	237.00
Current Meter (Valeport).....	100.00

## REMOTELY OPERATED VEHICLES

OCEANEERING

PH Meter.....	Price on Request
	<b><u>DAY RATE \$</u></b>
Seabed Sampling Package.....	Price on Request
Pipe tracking.....	Price on Request
Leak detection.....	Price on Request
Stereo 35mm.....	Price on Request
GL4 Regan Latch Tool.....	121.00
CAT Pump System / 5000 psi HP Water Blaster.....	320.00
65 US Gallon Fluid Injection Skid – ROV Mountable.....	530.00
Isolated Hydraulic Package .....	Price on Request
API 17D Torque Tool Class I – IV c/w Test Jig.....	787.00
BOP Override Tool.....	Price on Request
7 function Schilling T4 Spatially Correspondent Manipulator.....	1155/day
5 function Schilling Rigmaster Manipulator.....	380/day

## SPECIALIZED TOOLS

Oceaneering has the expertise to develop specialized tools capable of performing a wide range of subsea functions. Within Oceaneering, we have a team of Project Managers, Engineers, and Specialists available to consult with our Clients on new tooling designs or modifications to an existing system for performing work subsea utilizing an Advanced Work System. These consulting services are an integral part of the overall services Oceaneering provides and are available to our Clients to assist with upcoming requirements, which require specialized tooling for subsea functions. These services are provided on a project-to-project basis and rates are available upon request. Unless specifically agreed upon otherwise, these new developments become the sole property of Oceaneering.

The adaptation of existing tools to an inspection or work system will be charged on a cost plus fifteen percent basis or at a lump sum charge agreed upon between Oceaneering and Client.

## VIDEO

Videotape editing ..... Price on Request

## CONSULTING

ROV Supervisors and Technicians are available for consultations.

Onshore consulting.....\$ 200.00 per hour

## REMOTELY OPERATED VEHICLES

OCEANEERING

Any mob/demob charges, accommodation, expenses etc. as may be appropriate (dependent upon location) would be re-charged as appropriate.

## REPORTS

Any reporting will be quoted on a case-by-case basis including all reproduction, binding etc.

## LABOUR – ROV CONSULTANT SERVICES

ROV Consultant (Project Man / Co Rep) .....\$ 250.00 per hour  
ROV Consultant (Data Recorder) .....\$ 225.00 per hour

Any mob/demob charges, accommodation, expenses etc. as may be appropriate (dependent upon location) would be re-charged as appropriate.