

# OIL DYNAMICS GMBH

## REQUEST FOR QUOTATION

### Electrical Submersible Pumping System (ESP)

Downhole & Surface Equipment Design Data Sheet

**Dear Valued Customer,**

We highly appreciate your interest in our company. Here in the following you can find *Request For Quotation* form containing required data that will assist us in designing the right ESP system to address the issues contemplated by you. Providing right data would be the key to successful implementation of each individual application. So, kindly please fill out the following form as much as possible with the highest accurate data. The provided data would be confidential and, in any circumstances, will not be shared with other individuals or parties without your permission. Fields marked with \* are essential for a precise design.

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#### **Contact Information**

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Company \*

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Country

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Contact Person(s) \*

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Phone/Fax \*

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E-Mail \*

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Well Location or ID/Field

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Well Name \*

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Reservoir(s)

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Data of Completion

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Planned Delivery Date

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# 1 DOWNHOLE EQUIPMENT

Required data for downhole equipment selection

## Current in use Equipment Data

Pos.	Item	Series, Type, Description
1	Present Artificial Lift Method	
2	Commissioned Date	
3	Pump	
4	Gas Separator	
5	Protector	
6	Motor	
7	Power Cable	
8	Motor Lead Extension	
9	Tubing size and thread description	
10	Pump Depth	
11	Total Production Rate	
12	Dynamic Fluid Level	

## Well Data\*

Type	Top	Bottom	Nominal Weight	Outer Diameter	Inner Diameter
Last Casing String <i>From top to bottom</i>					
Liner <i>From top to bottom</i>					
Tubing String <i>From top to bottom</i>					

In case of directional well please attach the survey data.

Based on your well completion please fill the right table.

## Open Hole Completion\*

Interval	Top	Bottom (TD)	Hole Size
Open Hole			

## Cased Hole Completion\*

Intervals <i>From top to bottom</i>	Top	Bottom	Casing/Liner OD
First Perforation			
Second Perforation			

## Request for Quotation

Provision of Electrical Submersible Pumps (ESP)

### **Fluid Data\***

<b>Parameter</b>	<b>Unit</b>	<b>Value</b>
Oil Gravity		
Oil Viscosity		
Kill Fluid Density		
Water Density / Specific Gravity		
Water Salinity		
Gas Density / Specific Gravity		

### **Gas Impurities\***

	<b>Unit</b>	<b>Value</b>
Nitrogen (N <sub>2</sub> )		
Hydrogen Sulphide (H <sub>2</sub> S)		
Carbone Dioxide		
Methane		

### **Reservoir and Production Data\***

<b>Parameters</b>	<b>Unit</b>	<b>Value</b>
Bubble Point Pressure		
Reservoir/Static Pressure		
Static Fluid Level		
Bottomhole Flowing Pressure		
Dynamic Fluid Level		
Flow Rate corresponding to above Pressure/Level		
Productivity Index		
Producing Gas Oil Ratio		
Solution Gas Oil Ratio		
Water Cut		
Casing Pressure		
Wellhead/Tubing Pressure		
Reservoir/Bottomhole Temperature		
Fluid Temperature at Surface		

### **Target Data\***

<b>Parameters</b>	<b>Unit</b>	<b>Value</b>
Desired Total Flow Rate (oil+water)		
Desired Pump Setting Depth		
Minimum Pump Intake Pressure		
Wellhead Pressure		

## 2 SURFACE EQUIPMENT

*Required data for surface equipment selection*

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**Supply Power\***

<b>Parameters</b>	<b>Unit</b>	<b>Value</b>
Level of Harmonic Distortion for current and voltage		
Primary Voltage		
Frequency		
Ambient Temperature		
Humidity		
Vibrations		
Dust Content		

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**Additional Data and Requirements**

<b>Parameters</b>	<b>Description</b>
Stepdown Transformer parameters, if available, along with number of pulses (6, 12, 18, 24)	
Ambient Condition (aggressive/conductive/neutral; offshore/onshore, etc)	
Enclosure Type Requirement (NEMA/IP)	
Surface Standalone Panel for downhole sensor	
Digital Inputs Requirement	
Digital Outputs Requirement	
Analog Inputs Requirement	
Analog Outputs Requirement	
Remote Access Requirement	
Output Filter Requirement	
Spare Parts Requirements	

## 3 ADDITIONAL DATA

*Please provide us with any additional data can help us to make more effective design e.g. scale or sand problem, corrosive or erosive environments or any other concerns.*

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**Additional Notes, Comments and Requirements**

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*Thank you very much for filling the Request For Quotation form. We will try to make the most precise design meeting your requirements and expectations and will back to you very soon.  
Kindly please return the filled RFQ to **Oil Dynamics GmbH**: [info@oildynamics.de](mailto:info@oildynamics.de)*