



®

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**Data Sheet for Modular Cluster Pumping Station (MCPS)
 based on Kuper Horizontal Pump Packages**

Client name: _____

Equipment installation place: _____

No.	Parameters	Values	
1	Required delivery date		
2	Room explosion hazard category		
3	Scope of supply (yes/no):		
	- pump units		
	- strainer unit		
	- booster pump unit		
	- water injection distribution manifold:		
	- equipment module (controller room)		
	- package transformer substation module		
	- 6/10 kV switchgear module		
	- main motor VFD and soft starter module		
	- operator station (control room with AWS (automated work stations))		
4	Main pump:		
	- quantity of pumps, ea. (operating/standby)	/	
	- capacity, m ³ /day (min./max.)	/	
	- suction pipeline pressure, MPa (min./max.)	/	
	- required head, m (min./max.)	/	
5	Pumped fluid characteristics:		
	- fluid		
	- fluid density		
	- fluid temperature, °C, max.		
	- pH		
	- mass concentration of solids		
	- maximum size of solids, mm		
	- hydrogen sulfide content		
6	Requirements for the electric motor of the main pump unit (if any):	- voltage (0.4; 6; 10 kV)	
		- type	
		- power	
		- explosion-proof design	
7	Use of motor-operated gate valves:		

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	- on the suction line (yes/no)	electric drive	
		manual drive	
		not required	
	- on the discharge line (yes/no)	electric drive	
		manual drive	
		not required	
	- type, if required		
8	Type of instruments for the automatic control, diagnostics and protection system (yes/no):		
	Suction pressure (MPa)		
	Discharge pressure (MPa)		
	Oil pressure in the thrust chamber (MPa)		
	Pumping section vibration (g)		
	Skid vibration (g)		
	Oil level in the thrust chamber		
	Oil temperature in the thrust chamber		
	Temperature of the electric motor stator		
	Temperature of the pump casing		
	Temperature in the mobile MCPS		
	Load current		
	Phase voltage		
	Gas contamination		
	Flowmeter		
9	Electric power supply:		
	0.4 kV		
	6 kV		
	other (specify)		
10	MCPS support systems		
	Heating requirements:		
	- electrical heating		
	- your recommendations (specify):		
	Lighting requirements:		
	- Normal		
	- Emergency		
	- Maintenance		
	Ventilation requirements:		
	- Natural		
	- Mechanical		
9	Control system:		
	- type and model of the controller		
	- other (specify)		
11	Additional equipment		
	- frequency converter, model (if necessary)		
	- soft starter, model (if necessary)		
	- other (specify)		
12	Data transmission to the control room		
	- necessity (yes/no)		
	- wireless channel (yes/no)		
	- interface to be used		
13	Requirements for the exterior finish of buildings		

	- painting in the Customer's corporate colors									
	- shop painting by Kuper Ltd.									
	- other									
14	Any additional services required	<table border="1"> <tr> <td>Site supervision</td> <td></td> </tr> <tr> <td>Commissioning</td> <td></td> </tr> <tr> <td>Transportation (destination point)</td> <td></td> </tr> <tr> <td>Service</td> <td></td> </tr> </table>	Site supervision		Commissioning		Transportation (destination point)		Service	
Site supervision										
Commissioning										
Transportation (destination point)										
Service										
15	Additional information									

Prepared by:

Full name: _____

Job title: _____

Company name: _____

Mail address: _____

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L.S. _____

Signature of the Company (Department) Manager

Printed name