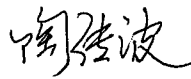



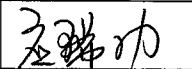
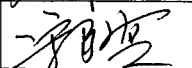

# 单一来源采购谈判记录表

项目名称：“科学三号”轮主机备件采购

记录人：陶传波 

谈判地点：科考船调度、指挥大厅

谈判时间：2020.12.16

供应商名称	卡特彼勒船用柴油机贸易（上海）有限公司		
产品名称	MAK 主机备件采购	数量	14 种 15 件
规格型号	MAK 9M20	目标价格	56218.16 元
质量等级	正规原品牌产品		
技术要求	<p>形式 四冲程直列水冷式柴油机</p> <p>功率 1710KW                      转速 1000rpm</p> <p>缸数 9                              缸径 200mm</p> <p>冲程 300mm</p> <p>提供正规品牌产品，满足“科学三号”轮主推进柴油机维修更换备件的需求。</p>		
供应商提供的采购标的成本、同类项目合同价格以及相关专利、专有技术等情况说明	<p>“科学三号”轮主推进系统使用的是德国 MAK 主柴油机（现已被卡特彼勒公司收购），至今已使用 15 年，部分部件因老化存在安全隐患需换新。因 MAK 公司拥有不可替代的专利和专用技术，为满足配套一致和保障维修后设备正常运行，只能从原设备商处采购备件。经专家论证和商谈，确定最终价格和供货期，具体见报价单。</p>		
合同主要条款及价格商定情况	<p>由卡特彼勒船用柴油机贸易（上海）有限公司提供可用于满足 MAK9M20 柴油机维修技术要求的备件，共计 14 种 15 件，价格 56218.16 元。</p>		
谈判争议点	<p>供货时间、内容、地点，备件质量，合同价格</p>		
谈判结果	<p>“科学三号”主机备件 供货周期 12 周，费用 56218.16 元。</p>		
谈判小组人员	姓名	单位	职称      签字
	孔宪才	中国科学院海洋研究所	高级工程师 
	应瑞功	中国科学院海洋研究所	高级工程师 
	宋永真	中国科学院海洋研究所	高级工程师 
谈判小组组长	签字 		时间 2020.12.16



中国科学院海洋研究所船舶中心  
CBDD-VCM-006-01  
修改编号 Revise No.:00  
修改日期 Revise Date  
2018-01-15

### 船舶备件申请单

船名: 科学三号

申请单编号:

申请日期: 2020.11.30

设备名称: 主机		出厂编号: 30981		制造日期: 2005.04		
设备型号: MAK 9M20		生产厂家: Caterpillar Motoren GmbH&Co.KG				
序号	备件名称	备件号	单位	申购数量	船存数量	核发
1	CABLE WITH PLUG(X3.2) Female 带线接头 (线长 5 米)	977 032 812 VG95234-G-20 A-48SN	只	1	0	
2	PRESSURE TRANSMITTER 滑油、冷却水压力变送器	2. 4842-3	只	1	0	
3	PRESSURE TRANSMITTER 燃油压力变送器	9. 4842-023	只	1	0	
4	PRESSURE SWITCH,启动装置压力开关	2. 4842-001	只	1	0	
5	PRESSURE TRANSMITTER, COMPL 压力变送器成套配件	2. 4842-002	只	1	0	
6	Pressure switch Lub. oil pressure low - shutdown 0 - 600 kPa 滑油压力低停机开关	283 460 280	只	1	0	
7	Thermocouple type K 0-800° C NiCr-Ni(mV) (主机排温热电偶)	273 450 420	只	1	0	
8	Attaching type relay X1/K9 继电器	213 480 770	只	1	0	
9	Attaching type relay X3/K3 继电器	233 480 820	只	1	0	
10	Relay - bistabil 继电器	253 460 060	只	2	0	
11	Lub. Oil temperature at engine inlet high - shutdown 1203 NTC -40-120° C 滑油高温停机传感器	213 464 022	只	1	0	
12	Resistance thermometer L.O./C.W./F.O./temp. High Alarm -40-160° C PT 100 高温报警传感器	263 481 016	只	1	0	
13	Attaching type switching device(A1/A2) 开关装置	233 463 034	只	1	0	
14	Frequency-voltage transformer 0-1KHz/0-10V (A10) 频率-电压变送器	193 300 106	只	1	0	
申请理由: 电子元件故障或存故障风险,需备库存。 轮机长/日期: 孙宗强, 2020.11.30 船长日期: 2020.11.30 机务主管/日期: 2020.12.15 船舶中心意见/日期:						

注: 本表保存在部门长和研究所船舶中心机务部。至少保存 2 年。



# Caterpillar Marine Trading (Shanghai) Co. Ltd.

## Quotation

19/F, CATERPILLAR MARINE CENTER  
 1319, YAN'AN WEST ROAD  
 SHANGHAI 2000 50, P.R. CHINA  
 Telephone .....:+86-21-6226 2200  
 Fax .....:+86-21-6226 4500  
 Phone 24 Hrs .:+86-21-6225 7371  
 Our GST no. ...:310115768798005

**Our ref. no. .: 2012-6367**  
 Sales rep. ....: DIAO YAJIN  
 Tel. no. (DID) :  
 E-mail .....: Diao\_Yajin@cat.com  
 Vendor ref. ...:

Your order no.:  
 Your ref. ....:  
 Created on ...: 12/3/2020  
 Terms of paym: CASH ON CONFIRMATION

**2012-6367-Q1**

Valid until : 12/24/2020  
 Date .....: 12/14/2020  
 Cust No. .: N60076

Page .....: 1 of 3

### CONSIGNEE

INSTITUTE OF OCEANOLOGY  
 CHINESE ACADEMY OF SCIENCE  
 NO. 7 NANHAI ROAD,  
 QINGDAO, SHANDONG 266071

INSTITUTE OF OCEANOLOGY  
 CHINESE ACADEMY OF SCIENCE  
 NO. 7 NANHAI ROAD,  
 P. R. CHINA

### SHIPPING MARKS:

In transit to KEXUE SAN HAO  
 Order No.  
 Our ref. no. 2012-6367  
 P. R. CHINA

CHINA  
 P. R. CHINA

Contact name ....:  
 Telephone .....:  
 Fax .....:  
 E-mail .....:

Engine number ...:030981  
 Engine type .....:9M20  
 Vessel .....:KEXUE SAN HAO

Delivery date .....:  
 Mode of delivery : TNT COURIER  
 Delivery terms ...: Delivered Duty Paid

THIS QUOTATION IS PROVIDED BASED ON THE TERMS AND CONDITIONS STATED IN SELLER'S GENERAL SALE AND DELIVERY CONDITIONS.



**Our Bankers** HSBC Bank (China) Co. Ltd. Shanghai Branch  
 35TH FLOOR, HSBC BUILDING, SHANGHAI  
 IFC,  
 8 CENTURY AVENUE, PUDONG  
 SHANGHAI, CHINA (200120)

EUR - 006-231203-027  
 USD - 006-231203-026  
 RMB - 971-000526-011

Net amount .....: 57,227.00  
 Sales tax amount : 0.00  
 Total amount RMB 57,227.00



# Caterpillar Marine Trading (Shanghai) Co. Ltd.

# Quotation

19/F, CATERPILLAR MARINE CENTER  
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 Our GST no. ...:310115768798005

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 Vendor ref. ...:

Your order no.:  
 Your ref. ....:  
 Created on ...: 12/3/2020  
 Terms of payr: CASH ON CONFIRMATION

**2012-6367-Q1**

Valid until : 12/24/2020  
 Date .....: 12/14/2020  
 Cust No. .: N60076

Page .....: 2 of 3

Loc	No.	Catalogue no.	Description	Quantity	Unit price	Amount
	1		CABLE WITH PLUG (X3.2)	1.00	6,785.00	6,785.00
ITEM 1 ATTENTION! MAO-PART! SEE REMARKS ON LAST PAGE!						
	2	(2.4842-3)	PRESSURE TRANSMITTER (LUBE.OIL)	1.00	3,627.00	3,627.00
	2A	(2.4842-3)	PRESSURE TRANSMITTER (FRESH WATER)	1.00	3,627.00	3,627.00
	3	(9.4842-023)	PRESSURE TRANSMITTER (FUEL OIL)	1.00	3,627.00	3,627.00
	4	2.4523-014 (2.4842-001)	PRESSURE SWITCH	1.00	3,900.00	3,900.00
	5	(2.4842-002)	PRESSURE TRANSMITTER (6101) (283460009)	1.00	3,627.00	3,627.00
	6	9.4842-101 (2.4842-001)	PRESSURE SWITCH	1.00	3,003.00	3,003.00
NOTE FOR ITEM6: THE PART NUMBER 2.4842-001 IS REPLACED BY 9.4842-101.						
	6A	1.5094-013	PIPE UNION G1/4A TYPE A	1.00	514.00	514.00
	6B	1.7010-064	SEALING RING	1.00	21.00	21.00
NOTE FOR ITEM6A+6B: NECESSARY FOR ITEM6.						
	7	254692-205	THERMOCOUPLE COMPL.(273450420)	1.00	2,340.00	2,340.00
	8	0.3699-022	RELAY (213480770)	1.00	6,409.00	6,409.00
	9	439944-003	RELAY (233480820)	1.00	5,239.00	5,239.00
	10	259947-004	RELAY BISTABLE (253460060)	2.00	1,170.00	2,340.00
	11	0.3699-005	MEASURING ELEMENT (213464022)	1.00	1,339.00	1,339.00
	12	9.4692-201	RESISTANCE THERMOMETER (263481016)	1.00	520.00	520.00
	13	0.3699-032	SWITCH UNIT (233463034)	1.00	3,822.00	3,822.00
	14	1.7094-007	FREQU.-VOLTAGE CONVERTER 6-9M20.FTC (193300104)	1.00	6,487.00	6,487.00



# Caterpillar Marine Trading (Shanghai) Co. Ltd.

## Quotation

19/F, CATERPILLAR MARINE CENTER  
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 Telephone : +86-21-6226 2200  
 Fax : +86-21-6226 4500  
 Phone 24 Hrs : +86-21-6225 7371  
 Our GST no. : 310115768798005

**Our ref. no. : 2012-6367**  
 Sales rep. : DIAO YAJIN  
 Tel. no. (DID) :  
 E-mail : Diao\_Yajin@cat.com  
 Vendor ref. :

Your order no.:  
 Your ref. :  
 Created on : 12/3/2020  
 Terms of paym: CASH ON CONFIRMATION

**2012-6367-Q1**

Valid until : 12/24/2020  
 Date : 12/14/2020  
 Cust No. : N60076

Page : 3 of 3

APPROX. 10-12 WEEKS FOR ALL ITEMS.

\*\*\*\*\* FOR MAO PART \*\*\*\*\*

**A T T E N T I O N :**  
 SINCE THIS PART IS NOT A STOCKED ITEM, IT HAS BEEN MADE AS ORDERED (MAO).  
 DEPENDING ON THE PARTS NET VALUE, LEAD TIME AND COMPLEXITIES OF MANUFACTURING  
 THESE PARTS, CATERPILLAR MOTOREN MAY REQUIRE A FIRM, NON-CANCELABLE ORDER.

PLEASE NOTE : SINCE WE DO NOT STOCK MAO PARTS, THEY ARE NOT RETURNABLE.  
 CATERPILLAR MOTOREN GMBH & CO. KG

LINE AMOUNT SUM	57,227.00
GST Amount (VAT )	0.00
<b>TOTAL AMOUNT</b>	<b>RMB 57,227.00</b>

*报价有效期至 2020年12月24日*

19/F, CATERPILLAR MARINE CENTER  
1319, YAN'AN WEST ROAD  
SHANGHAI 2000 50, P.R. CHINA  
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Our GST no. .: 310115768798005

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Sales rep. ....: DIAO YAJIN  
Tel. no. (DID) :  
E-mail .....: Diao\_Yajin@cat.com  
Vendor ref. ...:

Your order no.:  
Your ref. ....:  
Created on ...: 12/3/2020  
Terms of payr: CASH ON CONFIRMATION

**2012-6367-Q2**

Valid until : 12/24/2020  
Date .....: 12/16/2020  
Cust No. .: N60076

Page .....: 1 of 3

### CONSIGNEE

INSTITUTE OF OCEANOLOGY  
CHINESE ACADEMY OF SCIENCE  
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QINGDAO, SHANDONG 266071

INSTITUTE OF OCEANOLOGY  
CHINESE ACADEMY OF SCIENCE  
NO. 7 NANHAI ROAD,  
P. R. CHINA

### SHIPPING MARKS:

In transit to KEXUE SAN HAO  
Order No.  
Our ref. no. 2012-6367  
P. R. CHINA

CHINA  
P. R. CHINA

Contact name ...:  
Telephone .....:  
Fax .....:  
E-mail .....:

Engine number ...:030981  
Engine type .....:9M20  
Vessel .....:KEXUE SAN HAO

Delivery date .....:  
Mode of delivery : TNT COURIER  
Delivery terms ...: Delivered Duty Paid

THIS QUOTATION IS PROVIDED BASED ON THE TERMS AND CONDITIONS STATED IN SELLER'S GENERAL SALE AND DELIVERY CONDITIONS.

备件销售经理: 史福春  
2020.12.16



**Our Bankers** HSBC Bank (China) Co. Ltd. Shanghai Branch  
35TH FLOOR, HSBC BUILDING, SHANGHAI  
IFC,  
8 CENTURY AVENUE, PUDONG  
SHANGHAI, CHINA (200120)  
EUR - 006-231203-027  
USD - 006-231203-026  
RMB - 971-000526-011

Net amount .....: 56,218.16  
Sales tax amount : 0.00  
Total amount RMB 56,218.16



# Caterpillar Marine Trading (Shanghai) Co. Ltd.

## Quotation

19/F, CATERPILLAR MARINE CENTER  
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Vendor ref. ...:

Your order no.:  
Your ref. ....:  
Created on ...: 12/3/2020  
Terms of payr: CASH ON CONFIRMATION

2012-6367-Q2

Valid until : 12/24/2020  
Date .....: 12/16/2020  
Cust No. .. : N60076

Page .....: 2 of 3

Loc	No.	Catalogue no.	Description	Quantity	Unit price	Unit disc amt	Disc%	Amount
	1		CABLE WITH PLUG (X3.2)	1.00	6,785.00			6,785.00
ITEM 1 ATTENTION! MAO-PART! SEE REMARKS ON LAST PAGE!								
	2	(2.4842-3)	PRESSURE TRANSMITTER (LUBE.OIL)	1.00	3,627.00		2.00	3,554.46
	2A	(2.4842-3)	PRESSURE TRANSMITTER (FRESH WATER)	1.00	3,627.00		2.00	3,554.46
	3	(9.4842-023)	PRESSURE TRANSMITTER (FUEL OIL)	1.00	3,627.00		2.00	3,554.46
	4	2.4523-014 (2.4842-001)	PRESSURE SWITCH	1.00	3,900.00		2.00	3,822.00
	5	(2.4842-002)	PRESSURE TRANSMITTER (6101) (283460009)	1.00	3,627.00		2.00	3,554.46
	6	9.4842-101 (2.4842-001)	PRESSURE SWITCH	1.00	3,003.00		2.00	2,942.94
NOTE FOR ITEM6: THE PART NUMBER 2.4842-001 IS REPLACED BY 9.4842-101.								
	6A	1.5094-013	PIPE UNION G1/4A TYPE A	1.00	514.00		2.00	503.72
	6B	1.7010-064	SEALING RING	1.00	21.00		2.00	20.58
NOTE FOR ITEM6A+6B: NECESSARY FOR ITEM6.								
	7	254692-205	THERMOCOUPLE COMPL.(273450420)	1.00	2,340.00		2.00	2,293.20
	8	0.3699-022	RELAY (213480770)	1.00	6,409.00		2.00	6,280.82
	9	439944-003	RELAY (233480820)	1.00	5,239.00		2.00	5,134.22
	10	259947-004	RELAY BISTABLE (253460060)	2.00	1,170.00		2.00	2,293.20
	11	0.3699-005	MEASURING ELEMENT (213464022)	1.00	1,339.00		2.00	1,312.22
	12	9.4692-201	RESISTANCE THERMOMETER (263481016)	1.00	520.00		2.00	509.60
	13	0.3699-032	SWITCH UNIT (233463034)	1.00	3,822.00		2.00	3,745.56
	14	1.7094-007	FREQU.-VOLTAGE CONVERTER 6-9M20.FTC (193300104)	1.00	6,487.00		2.00	6,357.26

史福春

2020.12.16



# Caterpillar Marine Trading (Shanghai) Co. Ltd.

## Quotation

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 E-mail .....: Diao\_Yajin@cat.com  
 Vendor ref. ...:

Your order no.:  
 Your ref. ....:  
 Created on ...: 12/3/2020  
 Terms of paym: CASH ON CONFIRMATION

2012-6367-Q2

Valid until : 12/24/2020  
 Date .....: 12/16/2020  
 Cust No. .. : N60076

Page ....: 3 of 3

APPROX. 10-12 WEEKS FOR ALL ITEMS.

\*\*\*\*\* FOR MAO PART \*\*\*\*\*

ATTENTION:  
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 DEPENDING ON THE PARTS NET VALUE, LEAD TIME AND COMPLEXITIES OF MANUFACTURING  
 THESE PARTS, CATERPILLAR MOTOREN MAY REQUIRE A FIRM, NON-CANCELABLE ORDER.

PLEASE NOTE : SINCE WE DO NOT STOCK MAO PARTS, THEY ARE NOT RETURNABLE.  
 CATERPILLAR MOTOREN GMBH & CO. KG

**DETAILS ON DISCOUNTS:**

AMOUNT BEFORE DISCOUNT	57,227.00	
Discount of 2.00 %	-1,008.84	
AMOUNT AFTER DISCOUNT	56,218.16	56,218.16
<hr/>		
NET AMOUNT		56,218.16
<hr/>		
GST Amount (VAT )		0.00
TOTAL AMOUNT		RMB 56,218.16

史福春  
 2020.12.16