## 专家论证意见

## 设备名称: 多通道恒电位仪(Multi potentiostat/Galvano Stat PS-08)

拟购置的多通道恒电位仪(Multi potentiostat/Galvano Stat PS-08)是对于调压调速海水冲刷多通道腐蚀测试实验系统的必要设备。该仪器具有 8 个通道,各通道之间独立工作,互不影响,可同时测量 8 个样品。该仪器具有较强的稳定性,在海水水流冲刷条件下金属样品及涂层样品的电位、极化曲线的测定方面将发挥其独特的优势。

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该仪器的选型和配置先进,预算合理。通过对该仪器的购置,可以对冲刷实验条件下,不同材质的金属试件及涂覆涂层试件的电位、极化曲线等进行实时测量,将极大提高对金属材料的遴选效率和对防腐涂层防护效果的综合性能评价效率。

该仪器性能好,进行循环极化测量时,当电流达到某一定值时即可回扫,同时各通道间可共用研究电极,在类似设备中不具备这一功能,这一功能又为该课题组所必须,其它功能也涵盖课题组科研实验的全部要求。专家建议从日本 M.WATANABE & CO.,LTD.公司进行采购。

专家组长签字

姓名	专业	技术职称	专家签字
宋金明	海洋化学	研究员	Ferz
陈卓元	海洋腐蚀与防护	研究员	3833
王秀通	海洋腐蚀与防护	研究员	场道
张杰	海洋腐蚀与防护	研究员	孙杰
王鹏	海洋腐蚀与防护	研究员	2 13/10

M. WATANABE & CO., LTD.

2-16,4-Chome, Nihonbashi-Muromachi Chuo-Ku, Tokyo 103-0022 Japan

Tokyo, JAPAN November 27, 2017

TEL: (81)3-3241-9141

FAX: (81)3-3241-9165

## **QUOTATION**

Mr. Huang Yangliang

TO: Institute of Oceanology Chinese Academy

Quotation Number:	IOC171127
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<u>Validity: 90 days</u> Your Enquiry No.

<u>Description</u>	Quantity	Price	Amount
Multi Potentiostat/Galvano Stat PS-08 (Full channel 220V)		FOB Tokyo	
PS-08     PS basic software PS08AQGN8H     Natural potential measurement     Constant potential measurement     Constant current measurement	1 EA 1 EA	JPY 2,500,000 JPY 450,000	JPY 2,500,000 JPY 450,000
Linear plarization measurement Cyclic polarization measurement Constant potential step Constant current step	1 EA	JPY 280,000	JPY 280,000
3) USB-GPIB Interface cable	1 EA	JPY 120,000	JPY 120,000
4) Installation and inspection test of PC beeing supplied by your side	1 EA	JPY 56,000	JPY 56,000
5) Air freight	1 EA		JPY 30,000
Special Discount	mom 4 I	CIP OINGPAO	▲JPY450,000
TOTAL CIP QINGDAO:		JPY 2,986,000	

DELIVERY: 2 months ARO

DESTINATION: Qingdao airport, China

TERM OF PAYMENT: by T/T 30 days after delivery

NOTE: 1) A PC which obtain 3C certificate is required. You are requested to prepare a PC made in China and to ship it to Japan by switched it to Japanese language display.

- 2) We will install software into the PC sent to us and confirm performance here with PS-08 at TOHO GIKEN.
- Required specs of PC is upper than WIN7 PRO with memory more than 4G.
- 2) The cost of PC does not include in the quotation. It should be born by your side.

E. & O. E.

M. WATANABE & CO., LTD.

General Manager, Overseas Sales Dept.