

**MONTEREY
BAY
AQUARIUM
RESEARCH
INSTITUTE**



PURCHASE ORDER

Purchase Order Invalid Without PO#

PO#: 0911922

Date: 11/18/2009

VENDOR

Airflow Sciences Corporation
12190 Hubbard Street
Livonia, MI 48150 USA
Phone: (734) 525-0300
Fax: (734) 525-0303
Email:
abanka@airflowsciences.com
Contact: Andrew Banka
Payment Terms: NET 30
Customer Number:

SHIPPING

No shipping required.

MBARI CONTACT

Name: Hamilton, Andy
Phone: (831) 775-1861
Fax: (831) 775-1646
Email: hamilton@mbari.org

SEND INVOICES TO

MBARI Accounts Payable
7700 Sandholdt Rd.
Moss Landing, CA 95039-9644
Phone: (831) 775-1700 Fax: (831) 775-1630

PROJECT

Project	Account	RefNum	Amount
707976.00	5130-000		\$16,000.00

REMARKS

PO is in reference to ASC quote number P-09-231. 2D motion profiles will be provided by MBARI.

ITEM DETAIL

#	Description	Part #	Quantity	U/M	Unit Cost	Ext Amount
1	Initial 2D transient foil simulation					\$8,000.00
2	2 additional 2D transient foil simulations					\$8,000.00

C. Michael Panto

Shipping Cost: \$0.00

Sales/Use Tax: \$0.00

Purchase Order Amount: \$16,000.00

ATTACHMENTS

Description	FileName	Action
Quote P-09-231	Flapping Foil Transient Simulation - P-09-231.txt	Download

MBARI is an Affirmative Action/Equal Opportunity employer. MBARI does not discriminate against any employee or applicant for employment because of race, color, sex, or national origin. MBARI will comply with the provisions of Executive Order 11246 of 9/24/65, and relevant rules and regulations as required by law. Please be advised that all contractors and subcontractors having 50 or more employees and a federal government contract or subcontract of \$50,000 or more must develop a written affirmative action plan under the federal guidelines.

OMB Circular A110 - Provisions. All purchases made by MBARI under federal grants awards, including small purchases, hereby incorporate the following provisions as applicable:

1. Equal Employment Opportunity - All contracts shall contain a provision requiring compliance with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

2. Copeland "Anti-Kickback" Act (18 U.S.C. 874 and 40 U.S.C. 276c) - All contracts and subgrants in excess of \$2000 for construction or repair awarded by recipients and subrecipients shall include a provision for compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.

3. Davis-Bacon Act, as amended (40 U.S.C. 276a to a-7) - When required by Federal program legislation, all construction contracts awarded by the recipients and subrecipients of more than \$2000 shall include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 276a to a-7) and as supplemented by Department of Labor regulations (29 CFR part 5, "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction"). Under this Act, contractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less than once a week. The recipient shall place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation and the award of a contract shall be conditioned upon the acceptance of the wage determination. The recipient shall report all suspected or reported violations to the Federal awarding agency.

4. Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333) - Where applicable, all contracts awarded by recipients in excess of \$2000 for construction contracts and in excess of \$2500 for other contracts that involve the employment of mechanics or laborers shall include a provision for compliance with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5). Under Section 102 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 ½ times the basic rate of pay for all hours worked in excess of 40 hours in the work week.

Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

5. Rights to Inventions Made Under a Contract or Agreement - Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

6. Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended - Contracts and subgrants of amounts in excess of \$100,000 shall contain a provision that requires the recipient to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.). Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

7. Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) - Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

8. Debarment and Suspension (E.O.s 12549 and 12689) - No contract shall be made to parties listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension." This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.