

grounds. As a condition of receiving continuing funding, the Center must show evidence at the third year review that they are making substantial progress toward self-sufficiency. If the evaluation is positive and funds are available, the Secretary of Commerce may provide continued funding through the sixth year at declining levels, which are designed to insure that the Center no longer needs financial support from NIST by the seventh year. In no event shall funding for a Center be provided by the NIST Manufacturing Technology Centers Program after the sixth year of support.

(d) *Criteria for annual and third year reviews.* Centers will be evaluated under the following criteria in each of the annual reviews, as well as the third year review:

(1) The program objectives specified in §290.3(b) of these procedures;

(2) Funds-matching performance;

(3) The extent to which the target firms have successfully implemented recently developed or currently developed advanced manufacturing technology and techniques transferred by the Center;

(4) The extent to which successes are properly documented and there has been further leveraging or use of a particular advanced manufacturing technology or process;

(5) The degree to which there is successful operation of a network, or technology delivery mechanism, involving the sharing or dissemination of information related to manufacturing technologies among industry, universities, nonprofit economic development organizations and state governments.

(6) The extent to which the Center can increasingly develop continuing resources—both technological and financial—such that the Centers are finally financially self-sufficient.

#### §290.9 Intellectual property rights.

(a) Awards under the Program will follow the policies and procedures on ownership to inventions made under grants and cooperative agreements that are set out in Public Law 96-517 (35 U.S.C. chapter 18), the Presidential Memorandum on Government Patent Policy to the Heads of Executive Departments and Agencies Dated Feb-

ruary 18, 1983, and part 401 of title 37 of the Code of Federal Regulations, as appropriate. These policies and procedures generally require the Government to grant to Centers selected for funding the right to elect to obtain title to any invention made in the course of the conduct of research under an award, subject to the reservation of a Government license.

(b) Except as otherwise specifically provided for in an Award, Centers selected for funding under the Program may establish claim to copyright subsisting in any data first produced in the performance of the award. When claim is made to copyright, the funding recipient shall affix the applicable copyright notice of 17 U.S.C. 401 or 402 and acknowledgment of Government sponsorship to the data when and if the data are delivered to the Government, are published, or are deposited for registration as a published work in the U.S. Copyright Office. For data other than computer software, the funding recipient shall grant to the Government, and others acting on its behalf, a paid up, nonexclusive, irrevocable, worldwide license for all such data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government. For computer software, the funding recipient shall grant to the Government, and others acting on its behalf, a paid up, nonexclusive, irrevocable, worldwide license for all such computer software to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government.

#### PART 291—MANUFACTURING EXTENSION PARTNERSHIP; ENVIRONMENTAL PROJECTS

Sec.

291.1 Program description.

291.2 Environmental integration projects.

291.3 Environmental tools and techniques projects.

291.4 National industry-specific pollution prevention and environmental compliance resource centers.

291.5 Proposal selection process.

291.6 Additional requirements; Federal policies and procedures.

## § 291.1

AUTHORITY: 15 U.S.C. § 272(b)(1) and (c)(3) and § 2781.

SOURCE: 60 FR 4082, Jan. 20, 1995, unless otherwise noted.

### § 291.1 Program description.

(a) In accordance with the provisions of the National Institute of Standards and Technology Act (15 U.S.C. § 272(b)(1) and (c)(3) and § 2781), as amended, NIST will provide financial assistance to integrate environmentally-related services and resources into the national manufacturing extension system. This assistance will be provided by NIST often in cooperation with the EPA. Under the NIST Manufacturing Extension Partnership (MEP), NIST will periodically make merit-based awards to existing MEP manufacturing extension affiliates for integration of environmental services into extension centers and to non-profit organizations for development of environmentally-related tools and techniques. In addition, NIST will initiate pilot centers providing environmental information for specific industrial sectors to be specified in solicitations. MEP assumes a broad definition of manufacturing, and recognizes a wide range of technology and concepts, including durable goods production; chemical, biotechnology, and other materials processing; electronic component and system fabrication; and engineering services associated with manufacturing, as lying within the definition of manufacturing.

(b) *Announcements of solicitations.* Announcements of solicitations will be made in the Commerce Business Daily. Specific information on the level of funding available and the deadline for proposals will be contained in that announcement. In addition, any specific industry sectors or types of tools and techniques to be focused on will be specified in the announcement.

(c) *Proposal workshops.* Prior to an announcement of solicitation, NIST may announce opportunities for potential applicants to learn about these projects through workshops. The time and place of the workshop(s) will be contained in a Commerce Business Daily announcement.

(d) *Indirect costs.* The total dollar amount of the indirect costs proposed

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in an application under this program must not exceed the indirect cost rate negotiated and approved by a cognizant Federal agency prior to the proposed effective date of the award or 100 percent of the total proposed direct costs dollar amount in the application, whichever is less.

(e) *Proposal format.* The Proposal must not exceed 20 typewritten pages in length for integration proposals. Proposals for tools and techniques projects and national information centers must not exceed 30 pages in length. The proposal must contain both technical and cost information. The Proposal page count shall include every page, including pages that contain words, table of contents, executive summary, management information and qualifications, resumes, figures, tables, and pictures. All proposals shall be printed such that pages are single-sided, with no more than fifty-five (55) lines per page. Use 21.6×27.9 cm (8½"×11") paper or A4 metric paper. Use an easy-to-read font of not more than about 5 characters per cm (fixed pitch font of 12 or fewer characters per inch or proportional font of point size 10 or larger). Smaller type may be used in figures and tables, but must be clearly legible. Margins on all sides (top, bottom, left and right) must be at least 2.5 cm. (1"). The applicant may submit a separately bound document of appendices, containing letters of support for the Basic Proposal. The basic proposal should be self-contained and not rely on the appendices for meeting criteria. Excess pages in the Proposal will not be considered in the evaluation. Applicants must submit one signed original plus six copies of the proposal along with Standard Form 424, 424A (Rev 4/92) and Form CD-511.

(f) *Content of basic proposal.* The Basic Proposal must, at a minimum, include the following:

(1) An executive summary summarizing the planned project consistent with the Evaluation Criteria stated in this notice.

(2) A description of the planned project sufficient to permit evaluation of the proposal in accordance with the proposal Evaluation Criteria stated in this notice.

(3) A budget for the project which identifies all sources of funds and which breaks out planned expenditures by both activity and object class (e.g., personnel, travel, etc.).

(4) A description of the qualifications of key personnel who will be assigned to work on the proposed project.

(5) A statement of work that discusses the specific tasks to be carried out, including a schedule of measurable events and milestones.

(6) A Standard Form 424, 424A (Rev 4-92) prescribed by the applicable OMB circular and Form CD-511, Certification Regarding Debarment, Suspension and Other Responsibility Matters; Drug-Free Workplace Requirements and Lobbying. SF-424, 424A (Rev 4-92) and Form CD-511 will not be considered part of the page count of the Basic Proposal.

(7) The application requirements and the standard form requirements have been approved by OMB (OMB Control Number 0693-0010, 0348-0043 and 0348-0044).

(g) *Applicable federal and departmental guidance.* This includes: Administrative Requirements, Cost Principles, and Audits. [Dependent upon type of Recipient organization: nonprofit, for-profit, state/local government, or educational institution]

(1) *Nonprofit organizations.*

(i) OMB Circular A-110—Uniform Administrative Requirements of Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations.

(ii) OMB Circular A-122—Cost Principles for Nonprofit Organizations.

(iii) 15 CFR part 29b—Audit Requirements for Institutions of Higher Education and Other Nonprofit Organizations [implements OMB Circular A-133—Audits for Institutions of Higher Education and Other Nonprofit Organizations].

(2) *State/local governments.*

(i) 15 CFR part 24—Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.

(ii) OMB Circular A-87—Cost Principles for State and Local Governments.

(iii) 15 CFR part 29a—Audit Requirements for State and Local Govern-

ments [implements OMB Circular A-128—Audit of State and Local Governments].

(3) *Educational institutions.*

(i) OMB Circular A-110—Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Nonprofit Organizations.

(ii) OMB Circular A-21—Cost Principles for Educational Institutions.

(iii) 15 CFR part 29b—Audit Requirements for Institutions of Higher Education and Other Nonprofit Organizations [implements OMB Circular A-133—Audits for Institutions of Higher Education and Other Nonprofit Organizations].

#### § 291.2 Environmental integration projects.

(a) *Eligibility criteria.* Eligible applicants for these projects are manufacturing extension centers or state technology extension programs which at the time of solicitation have grants, cooperative agreements or contracts with the NIST Manufacturing Extension Partnership. Only one proposal per organization per solicitation is permitted in this category.

(b) *Project objective.* The purpose of these projects is to support the integration of environmentally-focused technical assistance, and especially pollution prevention assistance, for smaller manufacturers into the broader services provided by existing MEP manufacturing extension centers. Proposers are free to structure their project in whatever way will be most effective and efficient in increasing the ability of the center to deliver high quality environmental and pollution prevention technical assistance (either directly or in partnership with other organizations). Following are some examples of purposes for which these funds could be used. This list is by no means meant to be all inclusive. A center might propose a set of actions encompassing several of these examples as well as others.

(1) *Environmental needs assessment.* Detailed assessment of the environmentally-related technical assistance needs of manufacturers within the state or region of the manufacturing extension center. This would be done as

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part of a broader plan to incorporate environmentally related services into the services of the manufacturing extension center. The center might propose to document its process and findings so that other centers may learn from its work.

(2) *Partnership with another organization.* The center might propose to partner with an existing organization which is providing environmentally-focused technical assistance to manufacturers. The partnership would lead to greater integration of service delivery through joint technical assistance projects and joint training.

(3) *Accessing private-sector environmental resources.* The center might propose to increase its ability to access environmental technical services for smaller manufacturers from environmental consultants or environmental firms.

(4) *Training of field engineers/agents in environmental topics.* Funding for training which empowers the field engineer/agent with the knowledge needed to recognize potential environmental, and especially pollution prevention, problems and opportunities. In addition, training might be funded which empowers the field engineer/agent with the knowledge needed to make appropriate recommendations for solutions or appropriate referrals to other sources of information or expertise. The over-arching goal is for the field engineer/agent to enable the manufacturer to be both environmentally clean and competitive.

(5) *Access to environmentally related information or expertise.* A center might propose to fund access to databases or other sources of environmentally-related information or expertise which might be necessary to augment the environmentally focused activities of the manufacturing extension center.

(6) *Addition of environmentally focused staff.* It may be necessary for manufacturing extension centers to have an environmental program manager or lead field engineer/agent with environmental training and experience. Funds could be requested to hire this person. However, the proposer would have to demonstrate a clear and reasonable plan for providing for the support of this person after the funds provided

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under this project are exhausted since no commitment is being made to ongoing funding.

(c) *Award period.* Projects initiated under this category may be carried out over multiple years. The proposer should include optional second and third years in their proposal. Proposals selected for award may receive one, two or three years of funding from currently available funds at the discretion of DOC. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. A separate cooperative agreement will be written with winning applicants. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DOC. It is anticipated that successful projects will be given the opportunity to roll the funding for these efforts into the base funding for the extension center. Such a roll-over will be based on a performance review and the availability of funds.

(d) *Matching requirements.* No matching funds are required for these proposals. However, the presence of matching funds (cash and in-kind) will be considered in the evaluation under the Financial Plan criteria.

(e) *Environmental integration projects evaluation criteria.* In most solicitations, preference will be given to projects which are focused on a single industry sector. This is desired to build on the expertise and resources which are being built in tools and resources projects in these industry sectors. Industry focus will be specified in the solicitation announcement. However, actual services need not be limited exclusively to this sector. In addition preference may be given to extension centers which do not have extensive environmentally-related services already in place. In addition to these preferences, the criteria for selection of awards will be as follows in descending order of importance:

(1) *Demonstrated commitment to incorporating environmentally related services.* The extension center must demonstrate its commitment to incorporate environmentally-related technical services into its overall manufacturing extension services even after

funding for this project is exhausted. It is not the objective of this effort to establish completely autonomous environmentally focused extension centers. Rather, the goal is to ensure that such services are integrated directly with general manufacturing extension services focused on competitiveness. The center must demonstrate that such integration will take place. Factors that may be considered include: The amount of matching funds devoted to the efforts proposed as demonstration of the center's commitment to the activity; indication that environmental services are a significant aspect of the organization's long range planning; strength of commitment and plans for continuing service beyond funding which might be awarded through this project; the degree to which environmental services will become an integral part of each field engineers' portfolio of services; the level of current or planned education and training of staff on relevant environmental issues; and the extent of environmentally related information and expert resources which will be easily accessible by field engineers.

(2) *Demonstrated understanding of the environmentally related technical assistance needs of manufacturers in the target population.* Target population must be clearly defined. The manufacturing center must demonstrate that it understands the populations environmentally related needs or include a coherent methodology for identifying those needs. The proposal should show that the efforts being proposed will enable the center to better meet those needs. Factors that may be considered include: A clear definition of the target population, its size and demographic characteristics; demonstrated understanding of the target population's environmental technical assistance needs or a plan to develop this understanding; and appropriateness of the size of the target population and the anticipated impact for the proposed expenditure.

(3) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are providing high quality environmentally-related services to manufacturers in the same target population or

which have relevant resources which can be of assistance in the proposed effort. If no such organizations exist, the proposal should build the case that there are no such organizations. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication of services in providing assistance to small and medium-sized manufacturers. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant for providing technology assistance related services to the target population; adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities; and that the proposed activity does not duplicate existing services or resources.

(4) *Program evaluation:* The applicant should specify plans for evaluation of the effectiveness of the proposed program and for ensuring continuous improvement of program activities. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control, external evaluation for assessing outcomes of the activity, and "customer satisfaction" measures of performance.

(5) *Management experience and plans.* Applicants should specify plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; appropriateness of the organizational approach for carrying out the proposed activity; evidence of involvement and support by private industry.

(6) *Financial plan:* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the

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cooperative agreement has expired. Factors that may be considered include: Reasonableness of the budget both in income and expenses; strength of commitment and amount of the proposer's cost share, if any; effectiveness of management plans for control of budget; appropriateness of matching contributions; and plans for maintaining the program after the cooperative agreement has expired.

#### **§ 291.3 Environmental tools and techniques projects.**

(a) *Eligibility criteria.* Eligible applicants for these projects include all non-profit organizations including universities, community colleges, state governments, state technology programs and independent nonprofit organizations. Organizations may submit multiple proposals under this category in each solicitation for unique projects.

(b) *Project objective.* The purpose of these projects is to support the initial development and implementation of tools or techniques which will aide manufacturing extension organizations in providing environmentally-related services to smaller manufacturers and which may also be of direct use by the smaller manufacturers themselves. Specific industry sectors to be addressed and sub-categories of tools and techniques may be specified in solicitations. These sectors or sub-categories will be specified in the solicitation announcement. Examples of tools and techniques include, but are not limited to, manufacturing assessment tools, environmental benchmarking tools, training delivery programs, electronically accessible environmental information resources, environmental demonstration facilities, software tools, etc. Projects must be completed within the scope of the effort proposed and should not require on-going federal support.

(c) *Award period.* Projects initiated under this category may be carried out over up to three years. Proposals selected for award will receive all funding from currently available funds. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the pe-

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riod of performance is at the total discretion of DOC.

(d) *Matching requirements.* No matching funds are required for these proposals. However, the presence of matching funds (cash and in-kind) will be considered in the evaluation under the Financial Plan criteria.

(e) *Environmental tools and techniques projects evaluation criteria.* Proposals from applicants will be evaluated and rated on the basis of the following criteria listed in descending order of importance:

(1) *Demonstrated understanding of the environmentally-related technical assistance needs of manufacturers and technical assistance providers in the target population.* Target population must be clearly defined. The proposal must demonstrate that it understands the population's environmentally related tool or technique needs. The proposal should show that the efforts being proposed meet the needs identified. Factors that may be considered include: A clear definition of the target population, size and demographic distribution; demonstrated understanding of the target population's environmental tools or techniques needs; and appropriateness of the size of the target population and the anticipated impact for the proposed expenditure.

(2) *Technology and information sources.* The proposal must delineate the sources of technology and/or information which will be used to create the tool or resource. Sources may include those internal to the center (including staff expertise) or from other organizations. Factors that may be considered include: Strength of core competency in the proposed area of activity; and demonstrated access to relevant technical or information sources external to the organization.

(3) *Degree of integration with the manufacturing extension partnership.* The proposal must demonstrate that the tool or resource will be integrated into and will be of service to the NIST Manufacturing Extension Centers. Factors that may be considered include: Ability to access the tool or resource especially for MEP extension centers; methodology for disseminating or promoting use of the tool or technique especially within the MEP system; and

demonstrated interest in using the tool or technique especially by MEP extension centers.

(4) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are developing or have expertise on similar tools or techniques. If no such organizations exist, the proposal should show that this the case. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant to the proposed project; Adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities; and that the proposed activity does not duplicate existing services or resources.

(5) *Program evaluation.* The applicant should specify plans for evaluation of the effectiveness of the proposed tool or technique and for ensuring continuous improvement of the tool. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control, external evaluation for assessing outcomes of the activity, and "customer satisfaction" measures of performance.

(6) *Management experience and plans.* Applicants should specify plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; and appropriateness of the organizational approach for carrying out the proposed activity.

(7) *Financial plan.* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the

cooperative agreement has expired. Factors that may be considerable include: Reasonableness of the budget, both in income and expenses; strength of commitment and amount of the proposers's cost share, if any; effectiveness of management plans for control of budget appropriateness of matching contributions; and plan for maintaining the program after the cooperative agreement has expired.

**§ 291.4 National industry-specific pollution prevention and environmental compliance resource centers.**

(a) *Eligibility criteria.* Eligible applicants for these projects include all non-profit organizations including universities, community colleges, state governments, state technology programs and independent nonprofit organizations. Only one proposal per organization is permitted in this category.

(b) *Project objective.* These centers will provide easy access to relevant, current, reliable and comprehensive information on pollution prevention opportunities, regulatory compliance and technologies and techniques for reducing pollution in the most competitive manner for a specific industry sector or industrial process. The sector or industrial process to be addressed will be specified in the solicitation. The center will enhance the ability of small businesses to implement risk based pollution prevention alternatives to increase competitiveness and reduce adverse environmental impacts. The center should use existing resources, information and expertise and will avoid duplication of existing efforts. The information provided by the center will create links between relevant EPA Pollution Prevention programs, EPA and other technical information, NIST manufacturing extension efforts, EPA regulation and guidance, and state requirements. The center will emphasize pollution prevention methods as the principal means to both comply with government regulations and enhance competitiveness.

(c) *Project goal.* To improve the environmental and competitive performance of smaller manufacturers by:

(1) Enhancing the national capability to provide pollution prevention and

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regulatory requirements information (federal, state and local) to specific industries.

(2) Providing easy access to relevant and reliable information and tools on pollution prevention technologies and techniques that achieve manufacturing efficiency and enhanced competitiveness with reduced environmental impact.

(3) Providing easy access to relevant and reliable information and tools to enable specific industries to achieve the continued environmental improvement to meet or exceed compliance requirements.

(d) *Project customers.* (1) The customers for this center will be the businesses in the industrial sector or businesses which use the industrial process specified as the focus for the solicitation. In addition, consultants providing services to those businesses, the NIST Manufacturing Extension Centers, and federal state and local programs providing technical, pollution prevention and compliance assistance.

(2) The center should assist the customer in choosing the most cost-effective, environmentally sound options or practices that enhance the company's competitiveness. Assistance must be accessible to all interested customers. The center, wherever feasible, shall use existing materials and information to enhance and develop the services to its customers. The centers should rarely, if ever, perform research, but should find and assimilate data and information produced by other sources. The center should not duplicate any existing distribution system. The center should distribute and provide information, but should not directly provide on-site assistance to customers. Rather, referrals to local technical assistance organizations should be given when appropriate. Information would likely be available through multiple avenues such as phone, fax, electronically accessible data bases, printed material, networks of technical experts, etc.

(e) *Award period.* The pilot initiated under this category may be carried out over multiple years. The proposers should include optional second and third years in their proposal. Proposals selected for award may receive one,

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two or three years of funding from currently available finds at the discretion of DOC. If an application is selected for funding, DOC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DOC. Successful centers may be given an opportunity to receive continuing funding as a NIST manufacturing center after the expiration of their initial cooperative agreement. Such a roll-over will be based upon the performance of the center and availability of funding.

(f) *Matching requirements.* A matching contribution from each applicant will be required. NIST may provide financial support up to 50% of the total budget for the project. The applicant's share of the budget may include dollar contributions from state, county, industrial or other non-federal sources and non-federal in-kind contributions necessary and reasonable for proper accomplishment of project objectives.

(g) *Resource center evaluation criteria.* Proposals from applicants will be evaluated and rated on the basis of the following criteria listed in descending order of importance:

(1) *Demonstrated understanding of the environmentally-related information needs of manufacturers and technical assistance providers in the target population.* Understanding the environmentally-related needs of the target population (*i.e.*, customers) is absolutely critical to the success of such a resource center. Factors that may be considered include: A clear definition of the target population, size and demographic distribution; demonstrated understanding of the target population's environmentally-related information needs or a clear plan for identifying those customer needs; and methodologies for continually improving the understanding of the target population's environmentally-related information needs.

(2) *Delivery mechanisms.* The proposal must set forth clearly defined, effective mechanisms for delivery of services to target population. Factors that may be considered include: Potential effectiveness and efficiency of proposed delivery systems; and demonstrated capacity to

form the effective linkages and partnerships necessary for success of the proposed activity.

(3) *Technology and information sources.* The proposal must delineate the sources of information which will be used to create the informational foundation of the resource center. Sources may include those internal to the Center (including staff expertise), but it is expected that many sources will be external. Factors that may be considered include: Strength of core competency in the proposed area of activity; demonstrated access to relevant technical or information sources external to the organization.

(4) *Degree of integration with the manufacturing extension partnership and other technical assistance providers.* The proposal must demonstrate that the source center will be integrated into the system of services provided by the NIST Manufacturing Extension Partnership and other technical assistance providers. Factors that may be considered include: Ability of the target population including MEP Extension Centers to access the resource center; and methodology for disseminating or promoting use of the resource center especially within the MEP system.

(5) *Coordination with other relevant organizations.* Wherever possible the project should be coordinated with and leverage other organizations which are developing or have expertise on similar tools or techniques. If no such organizations exist, the proposal should show that this is the case. Applicants will need to describe how they will coordinate to allow for increased economies of scale and to avoid duplication. Factors that may be considered include: Demonstrated understanding of existing organizations and resources relevant to the proposed project; and adequate linkages and partnerships with existing organizations and clear definition of those organizations' roles in the proposed activities.

(6) *Program evaluation.* The applicant should specify plans for evaluation of the effectiveness of the proposed resource center and for ensuring continuous improvement. Factors that may be considered include: Thoroughness of evaluation plans, including internal evaluation for management control,

external evaluation for assessing outcomes of the activity, and "customer satisfaction" measures of performance; and the proposer's plan must include documentation, analysis of the results, and must show how the results can be used in improving the resource center.

(7) *Management experience and Plans.* Applicants should specify Plans for proper organization, staffing, and management of the implementation process. Factors that may be considered include: Appropriateness and authority of the governing or managing organization to conduct the proposed activities; qualifications and experience of the project team and its leadership to conduct the proposed activity; soundness of any staffing plans, including recruitment, selection, training, and continuing professional development; and appropriateness of the organizational approach for carrying out the proposed activity.

(8) *Financial plan.* Applicants should show the relevance and cost effectiveness of the financial plan for meeting the objectives of the project; the firmness and level of the applicant's total financial support for the project; and a plan to maintain the program after the cooperative agreement has expired. Factors that may be considered include: Reasonableness of the budget, both in income and expenses; strength of commitment and amount of the proposer's *cost share*; effectiveness of management plans for control of the budget; and appropriateness of matching contributions.

#### § 291.5 Proposal selection process.

The proposal evaluation and selection process will consist of three principal phases: Proposal qualification; proposal review and selection of finalists; and award determination.

(a) *Proposal qualification.* All proposals will be reviewed by NIST to assure compliance with the proposal content and other basic provisions of this notice. Proposals which satisfy these requirements will be designated qualified proposals; all others will be disqualified at this phase of the evaluation and selection process.

(b) *Proposal review and selection of finalists.* NIST will appoint an evaluation panel composed of NIST and in some

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cases other federal employees to review and evaluate all qualified proposals in accordance with the evaluation criteria and values set forth in this notice. A site visit may be required to make full evaluation of a proposal. From the qualified proposals, a group of finalists will be numerically ranked and recommended for award based on this review.

(c) *Award determination.* The Director of the NIST, or her/his designee, shall select awardees based on total evaluation scores, geographic distribution, and the availability of funds. All three factors will be considered in making an award. Upon the final award decision, a notification will be made to each of the proposing organizations.

### § 291.6 Additional requirements; Federal policies and procedures.

Recipients and subrecipients are subject to all Federal laws and Federal and Department of Commerce policies, regulations, and procedures applicable to Federal financial assistance awards.

## PART 292—MANUFACTURING EXTENSION PARTNERSHIP; INFRASTRUCTURE DEVELOPMENT PROJECTS

Sec.

- 292.1 Program description.
- 292.2 Training development and deployment projects.
- 292.3 Technical tools, techniques, practices, and analyses projects.
- 292.4 Information infrastructure projects.
- 292.5 Proposal selection process.
- 292.6 Additional requirements.

AUTHORITY: 15 U.S.C. 272 (b)(1) and (c)(3) and 2781.

SOURCE: 60 FR 44751, Aug. 29, 1995, unless otherwise noted.

### § 292.1 Program description.

(a) *Purpose.* In accordance with the provisions of the National Institute of Standards and Technology Act (15 U.S.C. 272 (b)(1) and (c)(3) and 2781), as amended, NIST will provide financial assistance to develop the infrastructure of the national manufacturing extension system. Under the NIST Manufacturing Extension Partnership (MEP), NIST will periodically make merit-based awards to develop and de-

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ploy training capability and technical tools, techniques, practices, and analyses. In addition, NIST will develop and implement information infrastructure services and pilots. MEP assumes a broad definition of manufacturing, and recognizes a wide range of technology and concepts, including durable goods production; chemical, biotechnology, and other materials processing; electronic component and system fabrication; and engineering services associated with manufacturing, as lying within the definition of manufacturing.

(b) *Announcements of solicitations.* Announcements of solicitations will be made in the Commerce Business Daily. Specific information on the level of funding available and the deadline for proposals will be contained in that announcement. In addition, any specific industry sectors or types of tools and techniques to be focused on will be specified in the announcement, as well as any further definition of the selection criteria.

(c) *Proposal workshops.* Prior to an announcement of solicitation, NIST may announce opportunities for potential applicants to learn about these projects through workshops. The time and place of the workshop(s) will be contained in a Commerce Business Daily announcement.

(d) *Indirect costs.* The total dollar amount of the indirect costs proposed in an application under this program must not exceed the indirect cost rate negotiated and approved by a cognizant Federal agency prior to the proposed effective date of the award or 100 percent of the total proposed direct costs dollar amount in the application, whichever is less.

(e) *Proposal format.* The proposal must contain both technical and cost information. The proposal page count shall include every page, including pages that contain words, table of contents, executive summary, management information and qualifications, resumes, figures, tables, and pictures. All proposals shall be printed such that pages are single-sided, with no more than fifty-five (55) lines per page. Use 21.6×27.9 cm (8½"×11") paper or A4 metric paper. Use an easy-to-read font of not more than about 5 characters per