

Section 01630

PRODUCT SUBSTITUTION PROCEDURES

PART 1 GENERAL

1.1 SECTION INCLUDES

1. Options for making product or process selections.
2. Procedures for proposing equivalent construction products or processes, including preapproved, prequalified, and approved products or processes.

1.2 DEFINITIONS

1. Product means materials, equipment, or systems incorporated into Project. Product does not include machinery and equipment used for production, fabrication, conveying, and erection of Work. Products may also include existing materials or components designated for reuse.
2. Process proprietary system or method for installing system components resulting in integral, functioning part of Work. For this Section, the word Products includes Processes.

1.3 SELECTION OPTIONS

1. Preapproved Products are construction products of certain manufacturers or suppliers designated in Specifications as "preapproved." List of preapproved products is maintained by City. Preapproved products for this Project are designated as preapproved in Specifications. Products of other manufacturers or suppliers not acceptable for this Project and not considered under submittal process for approving alternate products.
2. Prequalified Products are construction products of certain manufacturers or suppliers designated in Specifications as "prequalified." Prequalified Products for this Project are designated as prequalified in Specifications. Products of other manufacturers or suppliers shall not be acceptable for this Project and shall not be considered under submittal process for approving alternate products.
3. Approved Products are construction products or processes of certain manufacturers or suppliers designated in Specifications followed by words "or approved equal." Approval of alternate products or processes not listed in Specifications may be obtained through provisions for product options and substitutions in Document 00700 - General Conditions, and by following submittal procedures specified in 01330- Submittal Procedures. Procedure for approval of alternate products is not applicable to preapproved or prequalified products.

4. Product Compatibility to maximum extent possible, is to provide products that are of same type or function from single manufacturer, make, or source. Where more than one choice is available, select product that is compatible with other products already selected, specified, or in use by City.

1.4 CONTRACTOR'S RESPONSIBILITY

1. Responsibility related to product options and substitutions is defined in Document 00700 - General Conditions.
2. Furnish information City Engineer deems necessary to judge equivalency of alternate product.
3. Pay for laboratory testing, as well as other review or examination costs, needed to establish equivalency between products in order to obtain information upon which City Engineer can base decision.
4. If City Engineer determines alternate product is not equal to that named in Specifications, furnish one of specified products.

1.5 CITY ENGINEER'S REVIEW

1. Use alternate products or processes only when approved in writing by City Engineer. City Engineer's determination regarding acceptance of proposed alternate product is final.
2. Alternate products shall be accepted if product is judged by City Engineer to be equivalent to specified product or to offer substantial benefit to City.
3. City retains right to accept any product or process deemed advantageous to City, and similarly, to reject any product or process deemed not beneficial to City.

1.6 SUBSTITUTION PROCEDURE

1. Collect and assemble technical information applicable to proposed product to aid in determining equivalency as related to approved product specified.
2. Submit written request for construction product to be considered as alternate product.
3. Submit product information after effective date of Contract and within time period allowed for substitution submittals given in Document 00700 - General Conditions. After submittal period has expired, requests for alternate products shall be considered only when specified product becomes unavailable because of conditions beyond Contractor's control.
4. Submit 5 copies of each request for alternate product approval. Include following information:

1. Complete data substantiating compliance of proposed substitution with Contract.
 2. For products:
 1. Product identification, including manufacturer's name and address
 2. Manufacturer's literature with product description, performance and test data and reference standards
 3. Samples, as applicable
 4. Name and address of similar projects on which product was used and date of installation. Include name of Owner, Architect/Engineer, and installing contractor
 3. For construction methods:
 1. Detailed description of proposed method
 2. Drawings illustrating methods
 4. Itemized comparison of proposed substitution with product or method specified
 5. Data relating to changes in construction schedule
 6. Relation to separate contracts, if any
 7. Accurate cost data on proposed substitution in comparison with product or method specified
 8. Other information requested by City Engineer
5. Approved alternate products shall be subject to same review process as specified product for shop drawings, product data, and samples.

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION