

**SOUTHERN COMPANY GENERATION - ENGINEERING AND CONSTRUCTION
SERVICES**

TECHNICAL SPECIFICATIONS SECTION 01 62 00

FOR

FOREIGN MATERIALS FOR CIVIL AND MECHANICAL EQUIPMENT

FOR

SOUTHERN COMPANY

PREPARED BY: Thomas L. Ricketts **DATE:** 04/10/2015

REVIEWED BY:

Name – Discipline	Initial	Date
John M. Ridderhoff - Civil	JMR	04/13/2015
Bryan K. Jacobs - Mechanical	BKJ	04/20/2015
E. Vince Carney – Project Quality	EVC	05/06/2015

APPROVED BY: April C. Corey **DATE:** 05/11/2015

REVISIONS:

No.	Description	Prepared By	Reviewed By	Approved By	Date
0	Initial issue	TLR	JMR/BKJ/EVC	ACC	05/11/2015

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1.0 SCOPE

This specification covers the use of foreign materials in Civil and Mechanical items and equipment.

Failure of the vendor to comply with the requirements of this specification will result in commercial penalties, up to and including non-payment of invoices, to cover damages to the Purchaser from said noncompliance.

2.0 DEFINITIONS

domestic: the United States or Canada.

foreign: a country external to the United States or Canada.

country of origin: the country where the material was melted, cast, forged, rolled, fabricated, or manufactured. Completed material and equipment may have multiple countries of origins such as material was cast in location X, forged in location Y, and then fabricated in location Z.

purchaser: Southern Company, its subsidiaries, and assignees.

vendor: Any manufacturer or supplier contractually bound to Purchaser for providing items or materials, including sub-contractors, sub-suppliers, and affiliated manufacturers.

3.0 APPLICABLE DOCUMENTS

Inquiry or contract documents may reference codes and standards not listed below.

Items should be designed to conform with the applicable codes listed below as well as any additional codes or standards listed in the inquiry or contract documents. If the applicable code or standard references additional codes and standards for the item, the referenced codes and standards will apply as well.

AISC 325 Manual of Steel Construction (applicable edition per governing building code)

ACI 318 Building Code Requirements for Structural Concrete (applicable edition per governing building code)

ASME Boiler and Pressure Vessel Code

ASME Code for Pressure Piping B31.1 Power Piping

ASME Code for Pressure Piping B31.3 Process Piping

4.0 CIVIL DESIGN AND FABRICATION REQUIREMENTS

Materials from a foreign country of origin shall not be used without prior written acceptance from the Purchaser per section 6.0 Purchaser's Acceptance.

All material shapes and dimensions shall conform to AISC 325 Manual of Steel Construction referenced in section 3.0 Applicable Documents.

Approval of the vendor's quality program may require the Purchaser to perform a shop survey of the manufacturing locations from which the foreign material is procured.

Any costs incurred by the Purchaser for evaluation, prequalification, testing, and/or quality assurance of the proposed foreign supplier or material shall be used as an evaluation factor (and/or passed on to the Vendor at the Purchaser's discretion).

5.0 MECHANICAL DESIGN AND FABRICATION REQUIREMENTS

Materials from a foreign country of origin shall not be used without prior written acceptance from the Purchaser prior to award per section 6.0 Purchaser's Acceptance.

Valves, castings, equipment components, or other items manufactured under a Purchaser-approved quality plan or program will be accepted provided they meet the specified codes or standards. Pipe, fittings, flanges, expansion joints, pipe supports, tubing, bolted or welded connections, plates, and/or filler material manufactured in China, North Korea, or Malaysia will not be allowed.

Approval of the vendor's quality program may require the Purchaser to perform a shop survey of the manufacturing locations from which the foreign material is procured.

Any costs incurred by the Purchaser for evaluation, prequalification, testing, and/or quality assurance of the proposed foreign supplier or material shall be used as an evaluation factor (and/or passed on to the Vendor at the Purchaser's discretion).

6.0 PURCHASER'S ACCEPTANCE

The Vendor shall request Purchaser's acceptance either by listing the material or component in the Vendor's proposal as an alternate or (for civil/structural materials) by submitting a written request to the Purchaser prior to procurement of the item in question. When foreign materials are proposed for use, the Vendor shall submit the following to the Purchaser as part of the proposal or request:

- Name of Manufacturer(s)
- Country of Melting, Casting, Forging, Rolling, Fabrication, and/or Manufacture
- Proposed Quality Control Plan or Program for Demonstrating Acceptable Properties. In most cases, Purchaser will not consider submitting material test reports (MTRs) as a Quality Control Plan. MTR submittal would be part of the Quality Control Plan but additional controls would typically be needed.

If a proposed sub-vendor was not disclosed in the proposal or if the vendor's or their sub-supplier's proposed Quality Program does not meet the requirements stated in the contract documents, the vendor shall be required to develop and execute a plan to meet the requirements of the contractual agreements and shall be responsible for the cost associated with any changes to their plan.

7.0 QUALITY PLAN AND TESTING

The Vendor shall be solely responsible for implementing a quality control plan and demonstrating that materials meet the requirements of specified codes and standards. The Purchaser reserves the right to review, evaluate, inspect or reject at any time materials that do not meet the specified requirements.

The Purchaser shall be provided with material test reports, metallography, mechanical testing, chemical analysis, and so forth to indicate compliance with applicable codes and standards referenced in the Purchaser's drawings and specifications. The Purchaser reserves the right to request sampling if needed for complete evaluation of the material in question.

The Vendor's proposed quality control plan shall detail the process being followed, and testing performed, to ensure Purchaser receives material that fully complies with specified codes and standards.