

PART 1 - GENERAL

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| 1.1 SECTION INCLUDES | .1  | Shop drawings and product data.   |
|                      | .2  | Samples.  |
|                      | .3  | Certificates and transcripts.   |
| 1.2 RELATED SECTIONS | .1  | Section 01 45 00 - Quality Control.   |
|                      | .2  | Section 01 78 00 - Closeout Submittals.   |
| 1.3 ADMINISTRATIVE   | .1  | Submit to Department Representative submittals listed for review. Submit with reasonable promptness and in orderly sequence so as to not cause delay in Work. Failure to submit in ample time is not considered sufficient reason for an extension of Contract Time and no claim for extension by reason of such default will be allowed.   |
|                      | .2  | Work affected by submittal shall not proceed until review is complete.  |
|                      | .3  | Present shop drawings, product data, samples and mock-ups in SI Metric units.   |
|                      | .4  | Where items or information is not produced in SI Metric units converted values are acceptable.  |
|                      | .5  | Review submittals prior to submission to Department Representative. This review represents that necessary requirements have been determined and verified, or will be, and that each submittal has been checked and co-ordinated with requirements of Work and Contract Documents. Submittals not stamped, signed, dated and identified as to specific project will be returned without being examined and shall be considered rejected. |
|                      | .6  | Notify Department Representative, in writing at time of submission, identifying deviations from requirements of Contract Documents stating reasons for deviations.  |
|                      | .7  | Verify field measurements and affected adjacent Work are coordinated.   |
|                      | .8  | Contractor's responsibility for errors and omissions in submission is not relieved by Department Representative review of submittals.   |
|                      | .9  | Contractor's responsibility for deviations in submission from requirements of Contract Documents is not relieved by Department Representative review.   |
|                      | .10 | Keep one reviewed copy of each submission on site.  |

- 1.4 SHOP DRAWINGS .1 The term "shop drawings" means drawings,  
AND PRODUCT DATA diagrams, illustrations, schedules, performance  
charts, brochures and other data which are to be  
provided by Contractor to illustrate details  
of a portion of Work.
- .2 Indicate materials, methods of construction and  
attachment or anchorage, erection diagrams,  
connections, explanatory notes and other  
information necessary for completion of Work.  
Where articles or equipment attach or connect to  
other articles or equipment, indicate that such  
items have been coordinated, regardless of  
Section under which adjacent items will be  
supplied and installed. Indicate cross references  
to design drawings and specifications.
- .3 Allow 14 days for Department Representative and  
commissioning manager's review of each  
submission.
- .4 Adjustments made on shop drawings by Department  
Representative are not intended to change  
Contract Price. If adjustments affect value of  
Work, state such in writing to Department  
Representative prior to proceeding with Work.
- .5 Make changes in shop drawings as Department  
Representative may require, consistent with  
Contract Documents. When resubmitting, notify  
Department Representative in writing of  
any revisions other than those requested.
- .6 Accompany submissions with transmittal letter, in  
duplicate containing:
- .1 Date.
  - .2 Project title and number.
  - .3 Contractor's name and address.
  - .4 Identification and quantity of each shop  
drawing, product data and sample.
  - .5 Other pertinent data.
- .7 Submissions shall include:
- .1 Date and revision dates.
  - .2 Project title and number.
  - .3 Name and address of:
    - .1 Subcontractor.
    - .2 Supplier.
    - .3 Manufacturer.
    - .4 Contractor's stamp, signed by  
Contractor's authorized representative  
certifying approval of submissions,  
verification of field measurements and  
compliance with Contract Documents.
  - .4 Details of appropriate portions of  
Work as applicable:
    - .1 Fabrication.

- .2 Layout, showing dimensions, including identified field dimensions, and clearances.
- .3 Setting or erection details.
- .4 Capacities.
- .5 Performance characteristics.
- .6 Standards.
- .7 Operating weight.
- .8 Wiring diagrams.
- .9 Single line and schematic diagrams.
- .10 Relationship to adjacent work.
- .11 Include independent testing laboratory test results demonstrating compliance with specifications.
- .12 Include letter of certification of compatibility between products.
- .13 Drawings to include professional seal where required.
- .8 After Department Representative review distribute copies.
- .9 Submit on opaque paper 4 prints which will be retained by the Department Representative plus number contractor requires for distribution.
- .10 Delete information not applicable to project.
- .11 Supplement standard information to provide details applicable to project.
- .12 If upon review by Department Representative, no errors or omissions are discovered or if only minor corrections are made, copies will be returned and fabrication and installation of Work may proceed. If shop drawings are rejected, noted copy will be returned and re-submission of corrected shop drawings, through same procedure indicated above, must be performed before fabrication and installation of Work may proceed.
- .13 The review of shop drawings by Public Works and Government Services Canada (PWGSC) is for sole purpose of ascertaining conformance with general concept. This review shall not mean that PWGSC approves detail design inherent in shop drawings, responsibility for which shall remain with Contractor submitting same, and such review shall not relieve Contractor of responsibility for errors or omissions in shop drawings or of responsibility for meeting all requirements of construction and Contract Documents. Without restricting generality of foregoing, Contractor is responsible for dimensions to be confirmed and correlated at job site, for information that pertains solely to fabrication processes or to techniques of construction and installation and for co-ordination of Work of all sub-trades.

- 1.5 SAMPLES
- .1 Submit for review samples in duplicate as requested in respective specification Sections. Label samples with origin and intended use.
  - .2 Deliver samples prepaid to Department Representative business address.
  - .3 Notify Department Representative in writing, at time of submission of deviations in samples from requirements of Contract Documents.
  - .4 Where colour, pattern or texture is criterion, submit full range of samples. Colours are, however pre-selected in accordance with the facility colours/materials scheme.
  - .5 Adjustments made on samples by Department Representative are not intended to change Contract Price. If adjustments affect value of Work, state such in writing to Consultant prior to proceeding with Work.
  - .6 Make changes in samples which Department Representative may require, consistent with Contract Documents.
  - .7 Reviewed and accepted samples will become standard of workmanship and material against which installed Work will be verified.
- 1.6 CERTIFICATES AND TRANSCRIPTS
- .1 Immediately after award of Contract, submit Workers' Compensation Board status.

PART 2 - PRODUCTS

- 2.1 NOT USED
- .1 Not Used.

PART 3 - EXECUTION

- 3.1 NOT USED
- .1 Not Used.

END OF SECTION