

1 INSPECTION

- .1 Provide Engineering and Roof Inspection / Testing Services prior to commencing work. Produce Shop Drawings of construction details showing:
 1. Typical cross section of new roof assembly and existing roof
 2. Typical details of eave and gable-end wall flashings, fascia and rainwater hardware.
 3. Engineering design to secure new roof assembly to existing structure detailing and describing methodology for designing the roof to withstand the site's high wind conditions.
- .2 Allow Departmental Representative access to Work. If part of Work is in preparation at locations other than Place of Work, allow access to such Work whenever it is in progress.
- .3 Ensure roof is inspected on a weekly basis by contractor's roof inspection service during construction. Provide weekly reports from roof inspection to the Departmental Representative.
- .4 If Contractor covers or permits to be covered Work that has been designated for special tests, inspections or approvals before such is made, uncover such Work, have inspections or tests satisfactorily completed and make good such Work.
- .5 Departmental Representative will inspect the work in progress with internal to PWGSC staff. Contractor to coordinate such site visits with Departmental Representative.
- .6 Departmental Representative will order part of Work to be examined if Work is suspected to be not in accordance with Contract Documents. If, upon examination such work is found not in accordance with Contract Documents, correct such Work and pay cost of examination and correction. If such Work is found in accordance with Contract

Documents, Departmental Representative shall pay cost of examination and replacement.

2 INSPECTION AGENCIES

- .1 Provide;
 - .1 Structural Engineer, RoofInspection/Testing Agencies will be engaged by Contractor for purpose of detail design, inspecting and/or testing portions of Work.
- .2 Cost of such services will be borne by Contractor.
- .2 Provide equipment required for executing inspection and testing by appointed agencies.
- .3 Employment of inspection/testing agencies does not relax responsibility to perform Work in accordance with Contract Documents.
- .4 If defects are revealed during inspection and/or testing, appointed agency will request additional inspection and/or testing to ascertain full degree of defect. Correct defect and irregularities as advised by Departmental Representative at no cost to Departmental Representative. Pay costs for retesting and re-inspection.

3 ACCESS TO WORK

- .1 Allow inspection/testing agencies access to Work, off site manufacturing and fabrication plants.
- .2 Co-operate to provide reasonable facilities for such access.

4 PROCEDURES

- .1 Coordinate inspections on weekly basis or more frequently if necessary. Notify appropriate agency and Departmental Representative in advance of inspector's site visit, in order that attendance arrangements can be made.
- .2 Submit samples and/or materials required for testing, as specifically requested in specifications. Submit with reasonable promptness and in orderly sequence to not cause delays in Work.

- .3 Provide labour and facilities to obtain and handle samples and materials on site. Provide sufficient space to store and cure test samples.

5 REJECTED WORK

- .1 Remove defective Work, whether result of poor workmanship, use of defective products or damage and whether incorporated in Work or not, which has been rejected by Departmental Representative as failing to conform to Contract Documents. Replace or re-execute in accordance with Contract Documents.
- .2 Make good other Work damaged by such removals or replacements promptly.
- .3 If in opinion of Departmental Representative it is not expedient to correct defective Work or Work not performed in accordance with Contract Documents, Owner will deduct from Contract Price difference in value between Work performed and that called for by Contract Documents, amount of which will be determined by Departmental Representative.

6 REPORTS

- .1 Submit 4 copies of inspection and test reports to Departmental Representative.
- .2 Provide copies to subcontractor of work being inspected or tested and manufacturer or fabricator of material being inspected or tested.

7 Submittals

- .1 Submit roof inspection report and engineer's report to Departmental Representative prior to commencing work.
- .2 Submit shop drawings and details to Departmental Representative prior to commencing work.
- .3 Submit weekly roof inspection reports to Departmental Representative prior as work progresses.

END OF SECTION