

1. GENERAL PROVISIONS

1.1 CO-OPERATION OF TRADES

- .1 The specifications and Quotation documents shall be read and examined by **all** trades to acquaint them with the full nature of the required Work. Failure to do so will not relieve them of the responsibility for completing the Work, nor for co-ordination of the Work, prevention of delay or supply of labour, materials and equipment, etc., necessary for the proper execution of the Contract at no additional cost to the Contract.
- .2 Extras will not be considered based on grounds of difference in interpretation of the specifications as to which trade involved will provide certain specialties, materials or services in order that the end product conform to the intent of the Contract.

1.2 BUILDING CODES

- .1 Notwithstanding anything contained in these documents, the current By-laws and Building Codes applicable at the time construction takes place and until Work is accepted by the Contract Administrator, shall govern the Work.

1.3 EQUIPMENT AND MATERIAL STORAGE

- .1 Provide and maintain, in a clean and orderly condition, suitable weatherproof and lockable sheds for storage and protection of tools, materials, etc. if required.
- .2 Store material only in locations designated by Contract Administrator, keep clean and tidy, change as required by procedure of Contract and make good all areas on completion.

1.4 TEMPORARY POWER AND LIGHTING

- .1 Provide and pay for all temporary power required during construction period for temporary lighting and the operation of power tools, etc.
- .2 The permanent power system of the building may be used when it is available, subject to approval of the Contract Administrator. Be responsible for all damages thereto. Pay for all costs of maintaining and providing temporary power and light when using permanent system and otherwise.

1.5 HOARDING, FENCING AND GUARD RAILS

- .1 Provide all temporary fences to the Work areas. Fences shall be a minimum 2.4 m high and of rigid construction to inhibit unauthorized entry to the enclosed area(s).
- .2 Hoarding shall be provided inside and outside of the building to minimize dust, debris, construction materials and other pollutants escaping the Work area.

GENERAL PROVISIONS

Section 01010

- .3 All temporary hoarding and fencing shall be maintained in a safe condition to protect workers, the public and others from any and all hazards.
- .4 Provide all necessary guard rails, barricades, etc. to protect the Work areas and the public from the Work under this Contract.
- .5 Protect scaffolding at all times from unauthorized access.

1.6 PARKING

- .1 Parking shall not disrupt the Contract Administrator's access requirements and shall be arranged to his satisfaction away from the entrance or parking lot areas.
- .2 Do not allow workers to park on streets if disruptive to public traffic flow or access to Site.
- .3 Repair all damage caused by parking to the Contract Administrator's satisfaction.

1.7 EXPLOSIVE ACTUATED FASTENING TOOLS

- .1 Provide for the use of explosive actuated fastening tools when required. Conform to the requirements of CSA Z166-1975 "Explosive Actuated Fastening Tools" and local governing authorities.
- .2 These tools are only to be used by persons possessing an operator's certificate indicating that they are qualified to use such tools.

1.8 PROTECTION

- .1 Protect adjacent private and public property from damage during the performance of Work.
- .2 Be responsible and pay for all damage incurred due to improper protection.
- .3 Conform to all requirements of 2005 Manitoba Building Code, City of Winnipeg Code and relevant Worker's Compensation requirements.
- .4 Maintain the building weathertight and against unauthorized entry at all times.
- .5 Clean up Site and space being worked in daily, remove demolished or other materials on daily basis to prevent site accumulation.
- .6 Be aware that due to Arena operations the Contract Administrator may impose limits on working hours or noisy Work activities.

1.9 FIRE PROTECTION

- .1 Provide and maintain adequate temporary fire protection equipment during performance of Work, as required by insurance companies having jurisdiction and governing codes, regulations and by-laws.
- .2 Handle gasoline and like combustible materials with good, safe practice.
- .3 Remove combustible debris from site daily.

1.10 PROTECTION OF BUILDING FINISHES AND EQUIPMENT

- .1 Provide maximum protection for building and equipment during the performance of the Work.
- .2 Provide necessary screens, covers, hoardings, etc., as may be required to isolate new Work from continued operation of premises. Be responsible for all damages incurred due to improper, or lack of protection.
- .3 Where "equipment" has to be temporarily removed, store and protect for re-installation and replace any which is damaged; ensure all such is in working condition and meets applicable codes.
- .4 Be responsible and pay for any and all damage resulting from this Contract.

1.11 WARNING AND TRAFFIC SIGNS

- .1 Provide and erect adequate warning and traffic signs as may be necessary to warn the users of the building of such. Place signs sufficiently in advance so as to enable users to respond to direction.

1.12 ACCESS TO SITE

- .1 Provide and maintain access roads, sidewalk crossings, ramps and construction runways as may be required.
- .2 Conform to requirements of governing authorities when required.
- .3 Provide access to Contract Administrator's staff at all times.

1.13 SPECIAL CONDITIONS

- .1 This Contract is necessitated by the splitting, delamination and similar damage to the exterior elements of the arena framing.
- .2 Due to the structural repair methodology and systems technology, only those materials specified to be supplied by "Rotafix" or deemed to be equal will be acceptable.

GENERAL PROVISIONS

Section 01010

- .3 Materials for these repairs are available from Rotafix (Northern) Ltd.; Rotafix House, Abercraf, Swansea, SA9 1UR. Phone: (44) 01639 730481, Fax: (44) 01639 730858, email: sales@rotafix.co.uk. and Specialty Construction Products in Winnipeg.
- .4 The Subcontractor who is associated with the "Method Approvals", etc. shall be assigned for the project duration. No replacement shall be allowed unless requested by the Contract Administrator, or approved by the Contract Administrator in unforeseen circumstances. The Contract Administrator will have the right to stop the Work without penalty if acceptable personnel are not maintained on Site.

1.14 SCOPE OF WORK

The intent and requirement of this Contract is to resin inject, repair, reinforce, sand and paint **ALL** exterior projecting beams, framing, posts, etc. constituting the building structure which extend beyond the building walls to exterior supports. The Contract Administrator must have access to the completed Work in accordance with D12. All Work must be completed within this time frame and the Contractor shall expect to Work Days, evenings, nights and weekends. Contractor shall note that only the specified products or prior approved equals in accordance with B6 may be used for this Contract and that a representative from the manufacturer in the U.K. may be available on site during the early stages of the remediation. This Work shall include but is not limited to the following:

- .1 All shoring, scaffolding, etc. as required for access to all parts of the Contract Work.
- .2 Protection of the building.
- .3 All jacking, clamping, etc. if and as required to facilitate the repairs.
- .4 All steel related Work and materials.
- .5 All drilling, routing, shimming and other modifications.
- .6 Installation of all resins, grouts, "non-wood", filler materials, glass resin reinforcing rod, etc. Supply and installation of all materials and services required for the remedial Work.
- .7 Preparation of all wood and steel surfaces followed by priming and painting.
- .8 Caulking and filler materials to seal all gaps and spaces between the structural members and adjacent materials.
- .9 Completion of all Work in accordance with D12.
- .10 All such other Work whether or not specifically identified, but which is necessary to meet the intent of this Contract.
- .11 All steel connections, plates, etc. are to be prepared for painting and all bolts replaced with new galvanized bolts.

GENERAL PROVISIONS

Section 01010

- .12 Making good all trades, services, etc. on completion as may be affected by or are part of this Contract.
- .13 The Contract drawings and documents attempt to depict the “as built” conditions insofar as can be determined. However, the Contractor shall allow in his price for any variations to the anticipated conditions at no additional cost except where items are identified as alternatives. Variations from drawn details should be anticipated.
- .14 Note all details are diagrammatic only and Work shall be adjusted to suit on site conditions within the Contract sum.

1.15 QUALIFICATION

- .1 The Contractor shall:
 - 1. Only “specialist” Contractor with documented related experience will be considered. Contractor as such shall not anticipate performing this Contract with their own forces. It is a mandatory requirement in the selection of a Contractor that they should demonstrate previous successful completion of epoxy injection grouting of “Heavy Timber” and/or glulam systems having a Contract value to at least \$40,000.00. Epoxy grouting repairs to concrete or masonry systems will not be accepted or acceptable demonstration of competence or experience with wood systems. Further to Clause 15.3, the Contractor shall be prepared to submit a list of projects, Contract value, brief description and contact person for each as references for investigation by the Contract Administrator.
 - 2. Any projects listed or references supplied in support of competence and experience with wood systems, **MUST** reflect projects completed by the company and not merely by employee’s whilst in the employ of other companies.

END OF SECTION