

INSTRUCTIONS TO BIDDERS

8. BID PROCEDURES FOR MECHANICAL AND ELECTRICAL TRADES

8.1. The mechanical and electrical contractors shall bid as a complete mechanical and electrical package and submit their tenders as such to the General Contractors.

9. MECHANICAL SUB-CONTRACTOR AND ELECTRICAL SUB-CONTRACTOR RELATIONSHIP

9.1. The Contractor and all mechanical and electrical trades shall take note of the requirements in the Mechanical and Electrical Specifications that relate to the contractual relationships between the General Contractor, the prime mechanical contractor and all sub-contractors to the prime mechanical contractor.

9.2. It is a requirement of this Contract that there be a single prime mechanical contractor and a single electrical contractor who shall retain as sub-contractors all the other mechanical Sub-contractors and electrical Sub-contractors, if any. There shall not be more than one prime mechanical trade contractor and one prime electrical trade contractor directly retained by the General Contractor.

Note: This information is not required at tender closing

10. LIST OF PRE-QUALIFIED SUB-CONTRACTORS

Security Wiring and Devices Telus
(Door contact, intrusion alarm, motion detector)
Contact: Mr. Rod Williams
Work: 613-858-4412
Email: rod.williams@telus.com

General contractors and their sub-contractors are responsible to contact and forward tender information directly to these qualified sub-contractors to receive bid prices.

11. QUALIFICATION OF SUBCONTRACTORS

11.1. The Bidder must ensure that each Subcontractor is a WSIB (Ontario) subscriber. Should any contract be awarded it will be the responsibility of the successful Bidder to ensure that each and every one of the Subcontractor(s) obtain and maintain WSIB (Ontario) coverage throughout the contract term. The successful Bidder must keep confirmation of the same on file and make it available to the Owner immediately upon request.

11.2. In the case where any Subcontractor wishes to be considered as an Independent Operator, the successful Bidder must submit on their behalf, written correspondence from the Workplace Safety & Insurance Board of Ontario confirming the Subcontractor's status in this regard. Any such Subcontractor would also be required to sign the Statement of Exemption from Ontario WSIB (Article 3. 13.0).

12. WORK DESCRIPTION LIST

12.1. The use of the General Contractors (Bidder) "Own forces" for trades shown with an "*" shall not be acceptable. The School Board will request the successful Bidder to provide the following list of Subcontractor 24 hours following issuance of the letter of Intent.

- .4 Water supply:
 - .1 Base design on NFPA (Fire) 13 and obtain water supply data from nearest fire hydrant. Hydraulic calculations shall commence at water main connection at street. Provide as part of hydraulic calculation submission, fire hydrant flow test data and deduct 10% as safety factor based on available pressure value.
- .5 Drawings and calculations shall be certified by a Professional Engineer licensed in the Province of Ontario.
- .6 Sprinkler system to be seismically restrained to Ontario Building Code and NFPA (Fire) 13 requirements.
- .7 Final installations to be reviewed by Professional Engineer licensed in the Province of Ontario. NFPA (Fire) 13 compliance letter to be stamped by Hydraulic Design Engineer and submitted at end of contract.

1.5 DRAWING PREPARATION

- .1 Review architectural, structural, mechanical, and electrical drawings to determine interferences affecting the distribution layout prior to shop drawing submission.

1.6 MAINTENANCE DATA

- .1 Provide maintenance data for incorporation into manual specified in Section 20 05 01 - Mechanical General Requirements.

1.7 MAINTENANCE MATERIALS

- .1 Provide maintenance materials in accordance with Section 20 05 01 - Mechanical General Requirements.
- .2 Provide spare sprinklers and tools as required by NFPA (Fire) 13.

1.8 ACCEPTABLE SPRINKLER CONTRACTORS

- .1 Contractors shall be members of Canadian Automatic Sprinkler Association (CASA).
- .2 Acceptable contractors:
 - .1 **Escape Fire Protection**, Orleans, tel: 613-830-4308, e-mail: escapefire@rogers.com
 - .2 **Forbes Fire Protect Inc.**, Orleans, tel: 613-822-2341, e-mail: jim@forbesfire.com
 - .3 **Lowefire Protection**, Ottawa, tel: 613-739-5693, e-mail: rlowefire@on.aibn.com
 - .4 **Ottawa Sprinkler Installations** Limited, Ottawa, tel: 613-727-1803, e-mail: ottawa_sprinkler@on.aibn.com
 - .5 **Secure Fire Protection / Noti-secur inc.**, Ottawa, tel: 613-744-072 2, e-mail: sales@noti-secur.com
 - .6 **SimplexGrinnell**, Ottawa, tel: 613-526-0435, e-mail: balonzo@simplexgrinnell.com
 - .7 **Viking Fire Protection Inc.**, Nepean, tel: 613-225-9540, e-mail: sspearing@vikingfire.ca
 - .8 **Vipond Fire Protection**, Div. of Vipond Inc., Ottawa, tel: 613-225-0538, e-mail: marc.langlois@vipond.ca

PART 2 PRODUCTS

2.1 PIPE, FITTINGS AND VALVES

- .1 Pipe:
 - .1 Ferrous: to NFPA (Fire) 13.