

#21-OF-15

TENDER
TOWN OF FORT FRANCES
OPERATIONS AND FACILITIES DIVISION
NEW TILE FLOORING AT THE MEMORIAL SPORTS CENTRE
TENDER NO. 21-OF-15

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NEW TILE FLOORING AT THE MEMORIAL SPORTS CENTRE

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Section I
TOWN OF FORT FRANCES
OPERATIONS AND FACILITIES DIVISION
CALL FOR TENDER
NEW TILE FLOORING AT THE MEMORIAL SPORTS CENTRE

Sealed Tenders clearly marked “**Tender No. 21-OF-15**” will be received by the Corporation of the Town of Fort Frances (the “Town”) up to but not later than:

2:00 p.m. Local Fort Frances Time
Tuesday, September 28th, 2021

After which time such Tenders will be opened virtually and read aloud at the Fort Frances Civic Centre, 320 Portage Avenue, Fort Frances, Ontario. All participants wanting to attend the call can do so by calling **1-807-701-5975, 20979257#**.

Certain Tender Forms (“Tender Forms”) are required to be submitted. Please submit such completed Tender Forms to:

The Corporation of the Town of Fort Frances
Attention: Mr. Faisal Anwar, CAO
Town of Fort Frances
320 Portage Avenue
Fort Frances, Ontario
P9A 3P9
Fax: 1-807-274-8479

Information relating to this Tender, is available at the Information Desk, Fort Frances Civic Centre, 320 Portage Avenue, Fort Frances, Ontario

A mandatory site visit is required prior to submission of a tender document. The site visit is scheduled for 1pm on Thursday, September 16th, 2021. Details provided in tender package.

Please direct any questions regarding this tender to: Adam Mitchell, Asset Management Coordinator, Operations and Facilities Division. P: (807) 274-9893 ext 1315, Email: amitchell@fortfrances.ca

Lowest or any Tender not necessarily accepted. The Corporation of the Town of Fort Frances (the “Town”) reserves the right to reject any or all Tenders, to waive irregularities and informalities therein, and to award the contract in the best interest of the Town in its sole and unfettered discretion. Tender award requires approval by Council. See Tender information, Tender Forms and other Tender documents, for all terms, conditions and requirements.

SECTION 2

TENDER INFORMATION

- 2.1 The Tenderer acknowledges that the Town shall have the right to reject any, or all, Tenders for any reason, or to accept any Tender which the Town in its sole unfettered discretion deems most advantageous to itself. The lowest, or any, Tender will not necessarily be accepted, and the Town shall have the unfettered right to:
- (a) accept any regular, irregular, unbalanced, informal or qualified Tender;
 - (b) disqualify Tenders not submitted in accordance with the requirements of any Tender documents;
 - (c) accept a Tender which is not the lowest Tender; and
 - (d) reject a Tender that is the lowest Tender (and even if it is the only Tender received).
- 2.2 The Town reserves the right to consider, during the evaluation of Tenders:
- (a) information provided in the Tender document itself;
 - (b) information provided in response to enquiries of credit and industry references set out in the Tender;
 - (c) information received in response to enquiries made by the Town of third parties apart from those disclosed in the Tender in relation to the reputation, reliability, experience and capabilities of the Tenderer,
 - (d) the manner in which the Tenderer provides services to others;
 - (e) the experience and qualification of the Tenderer's senior management, and project management;
 - (f) the compliance of the Tenderer with the Town's requirements and specifications, and
 - (h) any other thing or matter which the Town, in its sole unfettered discretion, deems appropriate.

- 2.3 By submitting a Tender, the Tenderer acknowledges the Town's rights under this section 2 and absolutely waives any right, or cause of action against the Town and its consultants, by reason of the Town's failure to accept the Tender submitted by the Tenderer, whether such right or cause of action arises in contract, negligence, or otherwise.
- 2.4 (a) The following schedules are attached to and form an integral part hereof:
- (i) Schedule 1 - Tender Forms (the "Tender Forms");
 - (ii) Schedule 2 - Standard Form of Agreement (the "Agreement");
 - (iii) Schedule 3 - Occupational Health and Safety Agreement (the "OH&S Agreement"); and
 - (iv) Schedule 4 - Specifications and Other Provisions (the "Specifications and Other Provisions").
- (b) In this Tender, the Tender Information, Tender Forms, Addenda (as defined in section 2.5), the Agreement, and the Specifications and Other Provisions, are collectively referred to as the "Tender Documents".
- 2.5 Tenderers may, up to the three (3) business days prior to Closing Time, be advised by Addenda of, without limitation, additions to, deletions from, alterations in, or other changes to, the Tender Documents. All such changes shall become an integral part of the Tender Documents and allowed for by the Tenderer in its Tender and Tender pricing. The Tender Forms provide for an acknowledgement by the Tenderer of receipt by the Tenderer of any and all Addenda.
- 2.6 Tenderers are informed that it is a condition of the Tender Documents that each Tender shall remain in force from the date of tendering for a period of forty-five (45) calendar days thereafter unless the Tender has been formally rejected
- 2.7 All Tenders are to be submitted upon the Tender forms.
- 2.8 This Tender closes at 2:00 p.m. Local (Fort Frances) time, September 28th, 2021 (herein sometimes referred to as the "Closing Time"), after which time Tenders received will be opened publicly and read aloud at the Fort Frances Civic Centre, 320 Portage Avenue, Fort Frances, Ontario.

Two (2) sets of originally signed Tender Forms fully completed, sealed and marked "**Tender No. "21-OF-15"**" must be received by the Town Administrator or designee up to but not later than the Closing Time.

- 2.9 The Tenderer shall examine the Tender Documents as soon as possible, and immediately notify the Town Administrator or designee of any errors, omissions or conflicts discovered.
- 2.10 Tenders received prior to the Closing Time may be withdrawn by the Tenderer only upon, and by, written notice of withdrawal, which written notice of withdrawal must be received by the Town Administrator no later than the Closing Time. If such written notice of withdrawal is not so received by the Town Administrator, such Tender shall be deemed as being open for the Town to consider and/or accept. The last Tender received shall invalidate all previous Tenders received from the same Tenderer.
- 2.11 Tender award has to be approved by Council of the Town ("Council"). No Tender will be awarded except after approval of Council.
- 2.12 Tenderers are advised to review the Tender Documents for all terms, conditions and requirements. For general informational purposes only, Tenderers are advised that :
- (a) The Town is requesting Tenders for the supply and delivery of materials and labour required to install floor tiles in the 52 Canadians lobby located at the Memorial Sports Centre.
- 2.13 As it is the responsibility of the Tenderer to determine levy and collection of the Harmonized Sales Tax (HST), the Tenderer is requested to ensure that it provides its HST number (or alternatively cite the basis for exemption in lieu thereof), and that the amounts bid show the HST amount separately where and as required by the Tender Documents.
- 2.14 In a case where a successful Tenderer is not an Ontario resident contractor/Tenderer, such Tenderer is required to either:
- (a) provide a copy of a valid Retail Sales Tax Vendor Permit; or
 - (b) file with the City or Town a copy of the letter of compliance issued by the Ontario Retail Sales Tax Branch.
- Failure to comply will result in such portion, as prescribed by law, of any payment made or to be made by the Town to the Tenderer to be withheld for remittance as required.
- 2.15 The Town is governed by the Municipal Freedom of Information and Protection of Privacy Act. Tenderers shall and do hereby consent that Tenders and Tender contents may be made public as a condition of the Tendering process.

- 2.16 A deposit (in the Tender Documents sometimes referred to as the “Deposit”) by way of certified cheque, bid bond, or equivalent, in the amount of 10% of the Total Tender Price payable to the Town shall accompany each Tender submitted.
- 2.17 Forthwith upon the Town notifying a Tenderer that such Tenderer has been awarded the Tender, such Tenderer shall:
- (a) execute the Agreement;
 - (b) deliver, to the Town, bonds, proof of insurance, the OH&S Agreement, Workers’ Safety Insurance Board (“WSIB”) clearance certificate, and otherwise, as required in and by the Tender Forms and elsewhere in the other Tender Documents; and
 - (c) be ready to supply and deliver the materials and labour for the completion of tile installation works in accordance with the Tender Documents as successfully tendered for.

If the Tenderer fails to deliver to the Town the Agreement and the OH&S Agreement properly executed by the Tenderer or to supply the specified bonds and insurance documents, within two weeks of the date of acceptance of the Tender, or to start the supply and delivery when directed:

- (i) The Town shall be entitled, without prejudice to any other right or remedy it may have, to deem the Tenderer to have abandoned the Tender made by the Tenderer, and the Town shall be entitled to retain the Deposit as liquidated damages (and not as a penalty); and
 - (ii) the Tenderer shall pay to the Town the difference between, the Total Tender Price set out in its Tender and any other Tender which the Town accepts (if such other Tender is for a larger amount) and, in addition thereto, any costs which the Town may incur by reason of the Town re-Tendering, and, further, the Tenderer shall fully indemnify and save harmless the Town, its officers, employees, and agents from all loss, damage, liability, cost, charge and expense whatever which it, they or any of them may suffer, incur or be put to by reason of such default or failure of the Tenderer.
- 2.18 Deposits of unsuccessful Tenderers will be returned no later than three weeks following the Tender award. Except as otherwise provided for herein, the Deposit of the successful Tenderer will be returned with the first progress certificate.

- 2.19 The successful Tenderer(s) shall take out and keep in force, throughout and for the duration of such Tenderer's obligations to and/or contract with the Town but in any event for no less time than for all Year(s) for which the Tenderer is awarded the Tender to install tile flooring at the Memorial Sports Centre, a comprehensive policy (herein sometimes referred to as the "Policy") of public liability and property damage insurance in the amount of not less than \$5,000,000 inclusive per occurrence.

Such Policy shall name the Town as an additional insured thereunder and shall contain:

- (a) the insurer's waiver of any rights of subrogation or indemnity or any other claim to which the insurer might otherwise be entitled as against the Town and any other corporation owned, operated, or controlled by or affiliated with the Town, together with a severability of interest clause and a cross liability clause; and
- (b) an undertaking by the insurer not to cancel, change, lapse or refuse to renew the insurance therein granted without first giving the parties notice of its intentions in writing of at least 60 days prior to the intended change, lapse, cancellation or termination.

A certified copy of the Policy or certificate thereof shall be deposited with the Town upon signing of the Agreement or as the Town may direct.

- 2.20 When tender amounts received are the same in total acquisition cost, the Town may, in its sole unfettered discretion, give consideration and preference to the purchase of goods and services from and the awarding of the Tender to Tenderers located and/or carrying on business in the following places, in the order of priority listed below:

- (a) the Town of Fort Frances;
- (b) the District of Rainy River;
- (c) the Districts of Kenora and Thunder Bay;
- (d) the Province of Ontario.

- 2.21 Tenders may be submitted via facsimile to the Town office (807-274-8479) provided that:

- (a) the original of such Tenders shall be received by the Town within 5 business days of the Closing Time; and
- (b) the Town shall not be liable, and assumes no responsibility whatsoever, for proper receipt of such facsimile transmittals or anything else relating to such facsimile.

- 2.22 In the Tender Documents, the singular, or masculine, or personal, pronouns herein shall be construed as meaning the plural, or feminine, or neuter, as the context requires.
- 2.23 Attendance at a mandatory site visit is a requirement for all bidders. The site visit is scheduled for **1pm on Thursday September 16, 2021**. Meeting will start at the front entrance of the Memorial Sports Centre. Please notify Adam Mitchell (amitchell@fortfrances.ca) if you plan on attending or have any questions.

Please note that COVID-19 precautions will be followed. This means a limit of one representative per bidder can attend the meeting. All parties are required to practice social distancing while on site. Masks will be worn at all times and all attendees will be required to complete worker screening forms at the start of the meeting. If you have any symptoms, then you will not be allowed to attend the meeting and you should arrange to have another representative on site.

SCHEDULE 1

TENDER FORMS

Tender No. (21-OF-15)

NEW TILE FLOORING AT THE MEMORIAL SPORTS CENTRE

The following Tender is hereby submitted to

THE CORPORATION OF THE TOWN OF FORT FRANCES
(the "Town")

1. This Tender is submitted by _____
(hereinafter sometimes referred to as the "Tenderer").
2. In the Tender Documents "Work" means the total provision of all labour, materials, plant, equipment, services, and otherwise, necessary for the proper execution and completion, in accordance with the Tender Documents, of the supply and delivery of and for the benefit and satisfaction of the Town, of:
 - (a) the supply and delivery of the materials and labour for the completion of installing tile works, if the Town awards the Tender for the supply and delivery of the materials and labour for the completion of installation of new tile works to the Tenderer; or
 - (b) those Type(s) of materials and labour for the completion of installation of new tile works for which the Tenderer submits, and is awarded, the Tender.
3. The Tenderer acknowledges and agrees that:
 - (a) the items and quantities set out in, the Schedules of Unit Prices below (which shall be deemed to be attached to and form part of these Tender Forms) or elsewhere in the Tender Documents, are not to be and shall not be taken as a guarantee of actual quantities required;
 - (b) the Town reserves the right to increase, decrease or delete quantities of any or all items set out in, the Schedules of Unit Prices below or elsewhere in the Tender Documents, and no claim resulting from any increase, decrease or deletion in items and/or quantities will be considered. The Town has a fixed budget to complete this project and the Town will only award the amount of work that fits within the budget;
 - (c) the Total Unit Price(s) given or set out by the Tenderer in this Tender:

- (i) shall and does include all costs, expenses, and charges whatsoever for the performance and completion of the Work by the Tenderer, including, without limitation, for all labour, materials, plant, equipment, services, duties, taxes, patent royalties, insurance, transportation, and otherwise; and
- (ii) shall apply for the purpose of progress payments and shall apply throughout the time period of Years or part thereof for which the Tenderer may be awarded a Tender except that any increase or decrease in taxes such as HST after the date of the awarding of the Tender shall increase or decrease the Total Unit Price accordingly by the amount of such increase or decrease in tax.

4. The undersigned Tenderer:

- (a) confirms that the Tenderer has examined the Tender Documents and ascertained all necessary particulars of and with regard to the Work to the Tenderer's satisfaction;
- (b) submits the following Tender and agrees, if such Tender is accepted, to:
 - (i) enter into the Agreement and the OH&S Agreement and provide same to the Town duly executed; and
 - (ii) perform and complete the Work for the respective Total Unit Price(s) and Total Prices quoted by the Tenderer herein except as may be increased or decreased by increase or decrease in taxes (such as HST) as set out in paragraph 3 hereof.

5. The Tenderer encloses herewith the Deposit.

6. The undersigned acknowledges receipt of the following addenda:

<u>No.</u>	<u>Date Issued</u>	<u>Date Received</u>
_____	_____	_____
_____	_____	_____

8. The Tenderer shall, forthwith upon request of the Town, provide a "Statement of Good Standing" and/or clearance certificate and/or such other evidence of compliance (with regard to workers' compensation insurance, including payments due thereunder) satisfactory to the Town, from the WSIB of Ontario.

Dated at _____ this _____ day of _____, 2021.

SIGNATURE OF TENDERER:

Witness to signature of Tenderer

If a corporation; the person signing has authority to bind such corporation

Print name of Witness:

PRINT NAME AND TITLE OF PERSON SIGNING:

IF A CORPORATION, PRINT PROPER NAME OF CORPORATION:

Address of Witness:

Address of Tenderer:

Phone Number of Witness:

Phone Number of Tenderer:

Fax Number: _____

Cell Number: _____

Project Cost Breakdown:

Item	Roof	Units	Qty (estimate)	Unit Price	Total Price
1	Flooring Prep	sqft	1250	\$	\$
2	Tiles including mortar and base moulding	sqft	1250	\$	\$
3	Labour to install tiles and base moulding	sqft	1250	\$	\$
4	Grout	sqft	1250	\$	\$
5	Labour to install grout	sqft	1250	\$	\$
6	Contingency	LS	1	\$10,000.00	\$10,000.00

Subtotal Tender Prices:	
HST:	
TOTAL TENDER BID:	

Tenderer's Related Experience:

Year Completed	Description of Contract	Owners Name	Value

List of Subcontractors:

Sub-Trade	Name and Address of Subcontractor

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Sub-Contractors Related Experience:

Year Completed	Description of Contract	Owners Name	Value

SCHEDULE 2

AGREEMENT

THIS AGREEMENT made this _____ day of _____, 2021.

BETWEEN:

(herein sometimes referred to as the "Tenderer" or the "Contractor")

- and -

The Corporation of the Town of Fort Frances
(the "Town")

Whereas the Contractor has represented to the Town that the Contractor is well able to perform the Work described in the Tender Documents for the respective Total Unit Price(s), Total Prices, and for the Year(s) quoted by the Tenderer in the Tender.

Now therefore the Contractor and the Town (herein sometimes referred to as the "Parties") undertake and agree as follows:

1. The Tenderer shall perform and complete the Work:
 - (a) To, and for, the benefit and satisfaction of the Town, in accordance with the Tender Documents;
 - (b) For the Year(s), and for the respective Total Unit Price(s) and Total Prices quoted by the Tenderer in the Tender Forms except as may be increased or decreased by increase or decrease in taxes (such as HST) as set out in paragraphs 3 and 4 of the Tender Forms.
2. The Tender Documents shall collectively be and the whole shall constitute the Contract between the Parties.
3. The Town agrees to pay to the Contractor in lawful money of Canada for the performance of the Work with the amounts to be paid on account thereof being determined by actual measured quantities in accordance with the Specifications and Other Provisions and subject to adjustments, additions, deductions and deletions as provided in and by the Tender Documents. The Town shall pay on

account thereof upon the approval of the Manager of Operations and Facilities (in the Tender Documents the Town Manager of Operations and Facilities is sometimes referred to as the "Manager"). Upon receipt of invoices, any adjustments to monies owing will be made with notification to the Contractor.

4. If the Town fails to make payments to the Contractor as they become due under the terms of the Tender Documents, interest equal to the current bank prime rate + 2% per annum on such unpaid amounts shall become due and payable until payment.
5. If:
 - (a) the Contractor should be adjudged bankrupt, or becomes insolvent, or makes a general assignment for the benefit of creditors, or if a receiver is appointed to the Tenderer or the Tenderer's business or any part thereof; or
 - (b) a petition in bankruptcy for liquidation, reorganization, or other proceeding, is filed by or against the Tenderer;
 - (c) the Contractor fails or neglects to properly perform or complete the Work or otherwise fails to comply with the requirements of the Tender Documents (including, without limitation, failure to meet gradation specifications, or to meet delivery dates, or otherwise)

The Town may, without prejudice to any other right or remedy it may have, terminate this Agreement by giving the Contractor written notice.

The Contractor's obligation under the Tender Documents as to quality, correction and warranty of the work performed by him up to the time of termination shall continue in force after such termination.

6. Time shall in all respects be of the essence.
7. Neither this Agreement nor any rights or entitlements under it shall be assignable or transferable by the Contractor without the prior written consent of the Town.
8. Any notice required or permitted to be given hereunder shall be in writing and shall be effectively given if:
 - (a) delivered personally;
 - (b) sent by prepaid courier service or mail; or

(c) sent prepaid by telecopier, telex or other similar means of electronic communication (confirmed on the same or following day by prepaid mail) addressed,

(i) in case of notice to the Town, as follows:

320 Portage Avenue
FORT FRANCES, Ontario
P9A 3P9
Attention: Administrator

(ii) in case of the Contractor, as follows:

Any notice so given shall be deemed conclusively to have been given and received when so personally delivered or sent by telex, telecopier or other electronic communication or on the second day following the sending thereof by private courier or mail. Any Party hereto or others mentioned above may change any particulars of its address for notice by notice to the others in the manner aforesaid.

IN WITNESSETH WHEREOF the Parties hereto have executed this Agreement.

SIGNATURE OF CONTRACTOR:

Witness to signature of Tenderer

If a corporation, the person signing has the authority to bind such corporation

Print name of Witness:

PRINT NAME AND TITLE OF PERSON SIGNING:

IF A CORPORATION, PRINT PROPER NAME
OF CORPORATION:

Address of Witness:

Address of Contractor:

Phone Number of Witness:

Phone Number of Contractor:

Fax Number: _____

Cell Number: _____

The Corporation of the Town of Fort Frances

per:

per:

I/we have authority to bind the Town

SCHEDULE 3

OCCUPATIONAL HEALTH AND SAFETY AGREEMENT

The undersigned Tenderer, _____
shall and does hereby agree and confirm that:

1. it is aware that all of the Town's place great importance on the compliance with and adherence to the Occupational Health and Safety Act (the "Act") and the safety standards and policies of all authorities having jurisdiction;
2. all Work performed by the Tenderer or on its behalf shall be in conformity with the Act and the construction, health, and safety standards and policies of all authorities having jurisdiction;
3. the Tenderer and its employees, personnel, contractors, subcontractors, agents and/or representatives are knowledgeable and well versed in and with the requirements of, the Act and the safety procedures required for during the performance and completion of the Work;
4. all persons involved with the Work shall be required to wear proper safety equipment at all times; and
5. the Tenderer shall be solely responsible for, and the Tenderer shall not hold nor seek to hold the Town responsible in any way for, any violations of the Act or the failure of the Tenderer to comply with and adhere to the safety standards and policies of any and all authorities having jurisdiction.

SIGNATURE OF CONTRACTOR:

Witness to signature of Tenderer

If a corporation, the person signing has authority to bind such corporation

Print name of Witness:

PRINT NAME AND TITLE OF PERSON
SIGNING:

IF A CORPORATION, PRINT PROPER NAME
OF CORPORATION:

Address of Witness:

Address of Contractor:

Phone Number of Witness:

Phone Number of Contractor:

Fax Number: _____

Cell Number: _____

The Corporation of the Town of Fort Frances
per:

per:

I/we have authority to bind the Town

Date: _____, 2021.

SCHEDULE 4

SPECIFICATIONS AND OTHER PROVISIONS

1. Tenderer agrees to commence the work as specified, to proceed continuously to completion, and complete the work as follows:

Commencement Date: _____

Completion Date: _____

2. The Tenderer is advised that the Town intends to award this project by **October 31st, 2021** and to have the work completed no later than **April 29th, 2022**.
3. The Tenderer is responsible to submit schedule for all work **PRIOR** to commencement date of above to all sites. Sites have scheduled rental date(s) and time(s) for the public and cannot be interrupted by work.
4. It is the responsibility of the Tenderer to obtain and post, all applicable permits and arrange inspections required on behalf of the Town.
5. All material colour choices are to be confirmed with the Town's representative prior to ordering.
6. Any damage to the grounds surrounding the facilities will be the responsibility of the contractor to repair to the satisfaction of the Town.
7. The successful contractor and all related subcontractors must obtain a business license from the Town of Fort Frances Information Desk at the Civic Centre unless they already possess one.
8. The Town reserves the right to include or exclude any portions of the tender works as listed below depended on tender pricing.
9. The total area for the installation of new tile is outlined in the drawing shown in appendix A.
10. The 52 Canadians Arena will be fully operational beginning late in September. The successful tenderer shall complete the tile work such that there will be minimal interruption to the users of the arena. That means that work will happen after hours, staged in such a way as to allow for traffic flow around the work areas, staged install to maintain use.

11. REFERENCE STANDARDS

- 11.1. Do tile work in accordance with Installation Manual 200-1979, "Ceramic Tile", produced by Terrazzo Tile and Marble Association of Canada (TTMAC), except where specified otherwise.

12. SAMPLES

- 12.1. Submit full size sample panels of each colour, texture, size, and pattern of tile.
- 12.2. Adhere tile samples to 11 mm thick plywood and grout joints to represent project installation.

13. MAINTENANCE MATERIAL

- 13.1. Provide minimum 15 floor tiles and 15 base moulding tiles of each type and colour of tile required for project for maintenance use. Store where directed.
- 13.2. Furnish extra materials that match and are from same production runs as products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - a) Tile and Trim Units: Furnish quantity of full-size units equal to 3 percent of amount installed for each type, composition, color, pattern, and size indicated.
 - b) Grout: Furnish quantity of grout equal to 3 percent of amount installed for each type, composition, and color indicated.

14. ENVIRONMENTAL CONDITIONS

- 14.1. Do not install tile until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.
- 14.2. Maintain air temperature and structural base temperature at ceramic tile installation area above 12 C for 48 h before, during, and 48 h after, installation.

15. WARRANTY

- 15.1. Provide manufacturer's warrantee for all accessories that they will be free of defects for a period of five (5) years.

16. PRODUCTS

- 16.1. Porcelain Ceramic Floor Tiles to be sourced to match existing Ice For Kids Lobby
 - a) Existing tiles are Lanka Cres, Vitreous Ceramic Floor tiles 30cm x 30cm, code 3/724, lot 99/12 4S
- 16.2. Porcelain Ceramic Tile: to CAN2-75.1-M77, Type 7, Class MR 300 x 300 x 6 mm size, slip resistant surfaces. Matching base, 100mm high or as detailed.
 - a) Acceptable Product: Lanka Cres, Vitreous Ceramic Floor Tiles or equivalent.
 - b) Allow for three colours to match existing pattern. Colour and installation pattern to be later selected by consultant.

17. LEVELERS, UNDERLAYMENTS AND MASTIC MATERIALS

- 17.1. Products by MAPEi or Armstrong Flooring products shall be deemed acceptable for their intended purpose:
 - a) For surface preparation and patching: S-184 Fast Setting Patch and Underlayment with S-195 Underlayment Additive by Armstrong Flooring or equal.
 - b) Mastics for floors: KER 121 polyer-modified thin set mortar by MAPEi or equal.
- 17.2. Water: potable and free of minerals which are detrimental to mortar and grout mixes.
- 17.3. Dry set mortar: to ANSI A118.1-1976.

18. GROUT

- 18.1. Grout: KER 400 series KERAPOXY grout suitable for the intended use as supplied by MAPEi or approved equal. Coloured grout shall be used where indicated in colour schedule to be later issued by consultant. The Consultant shall have the discretion to use as many of the available colours. Colour will be chose to best match the IFK lobby area.
- 18.2. Grout preparation: to manufacturer's instructions.

19. MORTAR AND ADHESIVE MIXES

- 19.1. Scratch coat: 1 part Portland cement, 1/5 to 1/2 parts hydrated lime to suit job conditions, 4 parts sand, 1 part water. Adjust water volume depending on water content of sand.
- 19.2. Slurry bond coat: Portland cement and water mixed to creamy paste. Latex additive may be included.
- 19.3. Mortar bed for floors: 1 part Portland cement, 4 parts sand, 1 part water. Adjust water volume depending on water content of sand. Latex additive may be included.
- 19.4. Levelling coat: 1 part Portland cement, 4 parts sand, minimum 1/10 part latex additive, 1 part water including latex additive.
- 19.5. Bond or setting coat: 1 part Portland cement, 1/3 part hydrated lime, 1 part water.
- 19.6. Measure mortar ingredients by volume.
- 19.7. Dry set mortar: mix to manufacturer's instructions.
- 19.8. Organic adhesive: pre-mixed.

20. FLOOR SEALER AND PROTECTIVE COATING

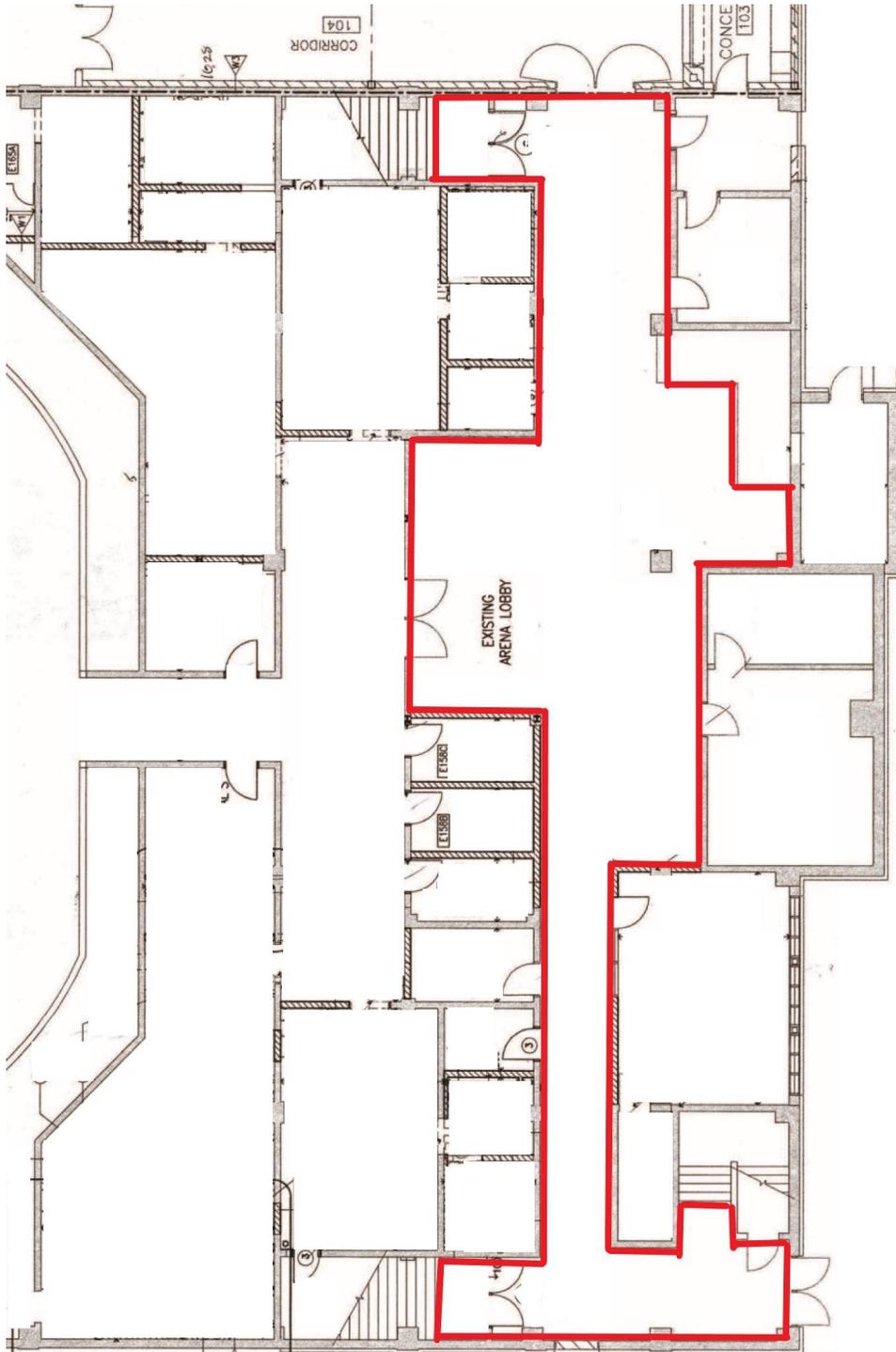
- 20.1. Apply in accordance with manufacturer's instructions.

21. WORKMANSHIP

- 21.1. Apply tile or backing coats to clean and sound surfaces.
- 21.2. Fit tile around corners, fittings, fixtures, drains and other built-in objects. Maintain uniform joint appearance. Cut edges smooth and even.
- 21.3. Maximum surface tolerance 1:800.
- 21.4. Make joints between tile uniform and approximately 1.5 mm wide, plumb, straight, true, even and flush with adjacent tile. Lay tiles in pattern as detailed in drawings.
- 21.5. Lay out tiles so perimeter tiles are minimum 1/2 size or as per drawings

- 21.6. Sound tiles after setting and replace hollow-sounding units to obtain full bond.
- 21.7. Install divider strips at junction of tile flooring and dissimilar materials.
- 21.8. Allow minimum 24 h after installation of tiles, before grouting.
- 21.9. Clean installed tile surfaces after installation and grouting cured.
- 21.10. Line grout lines of base with adjacent floor tile grout lines. Apply trim to top of all tile base as detailed.

Appendix A Tiled Area



Appendix B Existing Tile

