

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS A: Bid Receiving/Réception
des sousmissions**

RCMP-GRC

Bid Receiving/Réception des sousmissions

Attention: Jordan McKenna

Mail StopéArrêt postal 15

73 chemin Leikin Drive,

Ottawa, ON K1A 0R2AMENDMENT - INVITATION TO
TENDER

MODIFICATION - APPEL D'OFFRES

Tender to: Royal Canadian Mounted Police

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services and construction listed herein and on any attached sheets at the price(s) set out therefore.

Soumission aux: Gendarmerie royale du Canada

Nous offrons par la présente de vendre à Sa Majesté l Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaries

Vendor/Firm Name and Address

Raison sociale et adresse du fournisseur/de l'entrepreneur

Facsimile No. - No de télécopieur:

Telephone No. - no de telephone:

Title-Sujet: Construction – Wabasca-Desmarais Detachment	
Solicitation No. - No. de l'invitation 201804138	Date 24 janvier, 2018
Client Reference No. - No. De Référence du Client 201804138	Amend No.- No. du modif. 003
GETS Reference No. - No. de Référence de SEAG 201804138	
Solicitation Closes –L'invitation prend fin at - à 14 :00 ET on - le 1 fevrier, 2018	
F.O.B. - F.A.B. Destination	
Address Enquiries to: - Adresser toutes questions à: jordan.mckenna@rcmp-grc.gc.ca	
Telephone No. - No de telephone 613.843.5518	Fax No. - N° de FAX:
Destination of Goods, Services, and Construction: Destinations des biens, services et construction:	
Delivery Required - Livraison exigée:	Delivery Offered - Livraison proposée
Name and title of person authorized to sign on behalf of Vendor/Firm Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur	

MODIFICATION n ° 3 de l'appel d'offres 201804138 a été délivré pour distribuer Addenda No.3, et de les questions et reponse partie no.2 comme suit:

Addenda No.3 sont annexés à cet amendement

Veuillez consulter les addenda ci-dessous

questions et reponse partie no.2

- Q1) Le dessin A1.1 note que « radio tower on piles refer to civil for concrete infill ». Les fondations de la tour de radio sont-elles comprises dans l'allocation monétaire de 100 000 \$ de la tour de radio? Sinon, pouvez-vous fournir des détails sur les pieux/fondations en béton.
- R1) Les travaux de fondation, y compris la conception de la fondation estampillée par l'ingénieur, doivent être inclus comme coût couvert par l'allocation monétaire de 100 000,00 \$. Cette fondation doit être conçue en tenant compte de toutes les pièces jointes de la tour de radio incluses dans cette sollicitation
- Q2) Des dispositifs de protection contre les chutes sont-ils requis pour le bâtiment principal du détachement de la GRC?
- R2) Aucun ancrage de protection contre les chutes n'est requis sur notre toit d'un étage, car l'équipement à réparer pour l'entretien est à plus de 3 m du bord du toit. Des garde-corps sont prévus autour de la trappe de toit pour diriger ceux qui accèdent au toit loin du dégagement de 3 m requis autour du bord. Les garde-corps sont un exemple de protection contre les chutes.
- Q3) Serait-il possible de soumettre les prix unitaires de l'annexe 1 — Formulaire de prix combinés; Tableau B et tableau C quelques heures après la clôture de l'appel d'offres par télécopieur? Puisque nous sommes situés à Calgary (Alberta), nous aurons besoin de poster notre offre à l'avance et de soumettre un ajustement des soumissions par télécopieur. Notre ajustement de soumission sera assez important, avec autant d'ajouts/suppressions à indiquer pour chaque prix unitaire.
- R3) Il est difficile de terminer notre soumission lorsque nous recevons des modifications de dernière minute. Tous les prix figurant à l'annexe 1 doivent être soumis avant la clôture des soumissions. Toutes les révisions d'offres soumissionnées, y compris celles par fax, doivent également être soumissionnées avant la clôture des soumissions.
- Q4) Veuillez voir la lettre ci-jointe. La feuille de finition qui figure sur le devis est une feuille de finition auto-adhésive, ARCA ne garantit pas les feuilles de finition auto-adhésives. La feuille de finition que je demande d'utiliser à la place est un produit appliqué à la torche et fonctionnera avec le platelage Soprasmart 180 qui est déjà prescrit comme feuille de base.
- R4) J'ai examiné le produit proposé et il est acceptable. La feuille de finition proposée sera remplacée par une modification comme suggérée.

- Q5) L'invitation à soumissionner indique une clôture à 14 h le 1er février 2018. Veuillez clarifier s'il s'agit de 14 h HNR ou 14 h heure d'Ottawa. Nous supposons qu'il s'agit de 14 h HNR.
- R5) L'offre se termine à 14 h, heure normale de l'Est, puisque les soumissions sont livrées à Ottawa.
- Q6) Tableau D allocations monétaires —Il n'y a pas de référence pour les essais de matériaux supplémentaires, à savoir les essais de béton et géotechniques pour le bâtiment en particulier. L'article 1 semble spécifique aux travaux de chantier seulement. Veuillez confirmer votre intention de mettre à l'essai les matériaux associés au bâtiment lui-même
- R6) L'intention de l'article 1 Allocation en espèces est conçue comme une allocation générale en espèces pour tous les essais non couverts ailleurs dans les documents contractuels ou les montants de l'allocation en espèces. Il n'est pas limité aux essais propres au site.
- Q7) Article 4 du tableau D du formulaire d'appel d'offres fait référence production murale et installation pour la section 10 82 13, veuillez confirmer que c'est exact
- R7) 5 000 \$ pour l'allocation en espèces pour le design artistique. Allocation en espèces de 30 000 \$ pour la reproduction de la construction et l'installation de la conception artistique (celle qui se rapporte à la section 10 82 13)
- Q8) L'article 1.5 de la section 01 23 10 item 1,5 renvoie à une solution de rechange pour le bâtiment Quonset au lieu de la clôture à mailles losangées. Cependant, il ne semble pas y avoir d'espace sur le formulaire de soumission pour cet article. Veuillez examiner et confirmer.
- R8) Le prix alternatif est pour un bâtiment quonset au lieu de l'aire d'entretoilage clôturée, donc il serait couvert et entièrement clos pour éviter le vandalisme et d'autres actions négatives. Cela n'affectera pas le prix final de la soumission, mais devrait être un élément distinct à considérer qui serait un ajout au contrat de base. Si le prix du bâtiment Quonset est trop élevé, la clôture d'origine fera toujours partie du contrat. Si le prix est acceptable, le bâtiment Quonset pourrait être utilisé. Ce serait une décision du Maître de l'ouvrage après la clôture des soumissions.
- Q9) L'article 1.1.1.1 de la section 01 35 43 renvoie CCDC 2-2008. Veuillez confirmer le renvoi, car le présent contrat n'est pas le formulaire du CCDC.
- R9) Le CCDC est ce que nous utilisons comme contrat de base. Nous n'avons pas de copie du contrat utilisé pour ce projet, donc nous ne savons pas comment y référer. Cette notation peut être modifiée pour correspondre au document de Travaux publics référencé dans le document initial.
- Q10) L'article 1.7.1 de la section 01 52 00 renvoie à CCDC 2. Ce contrat n'est pas un contrat CCDC 2, veuillez confirmer le renvoi.
- R10) Même chose que la réponse de la question 5.
- Q11) La section 01 91 31 comporte un certain nombre d'articles avec des blancs ou _____. Par exemple, le paragraphe 1.10.5.2.2.

R11) Ce sont des éléments de la liste de contrôle qui devront être examinés dans le cadre de la mise en service. Ils sont laissés en blanc jusqu'à ce qu'ils soient revus.

Q12) Sommes-nous en mesure de recevoir des informations sur le bâtiment à démolir sur le chantier?

R12) Veuillez consulter le dessin C1.0. La structure elle-même est une structure en bois patiné à faible pente et à toit incliné et n'est pas très solidement construite. Essentiellement, il s'agit de quelques feuilles de contreplaqué clouées ensemble.

Q13) Veuillez confirmer que la clôture du projet est le 1er février 2018 à 14 h HNE. J'ai remarqué qu'il est indiqué HNE sur le site Achatsetventes, mais les documents d'appel d'offres ne précisaient pas de fuseau horaire.

R13) C'est confirmé, la date de clôture est le 1er février 2018 à 14 h HNE.

Q14) Veuillez confirmer qu'il s'agit du bon numéro de télécopieur pour les ajustements par télécopieur : 613-825-0082

R14) Confirmé.

Q15) Veuillez confirmer le fuseau horaire pour la clôture de l'appel d'offres.

R15) Heure normale de l'Est.

Q16) Veuillez voir la demande ci-jointe pour l'approbation du produit de Shanahan.

R16) Les produits de Shanahan sont approuvés comme remplacements des produits Lincora L3 à L6. Cela sera pris en compte dans notre modification 3.

Q17) En ce qui concerne le formulaire de soumission et l'acceptation d'appel d'offres — Tableau D - Allocations en espèces — 6. Tour radio de 100 000 \$, pouvez-vous clarifier ce qui est couvert par cette allocation? La démolition de la tour existante, la fourniture de la tour, l'installation de la tour, les fondations de la tour et les exigences techniques selon la section du devis 33 81 16? Tous ces coûts sont-ils inclus dans le montant de l'allocation de 100 000 \$

R17) L'allocation en espèces de 100 000 \$ couvre la conception, la fourniture et l'installation d'une nouvelle tour et d'une fondation de tour. Il n'y a pas de tour à démolir;

Q18) Des dispositifs de protection contre les chutes sont-ils requis pour le bâtiment principal du détachement de la GRC?

R18) Aucun ancrage de protection contre les chutes n'est requis sur notre toit d'un étage, car l'équipement à réparer pour l'entretien est à plus de 3 m du bord du toit. Des garde-corps sont prévus autour de la

trappe de toit pour diriger ceux qui accèdent au toit loin du dégagement de 3 m requis autour du bord.
Les garde-corps sont un exemple de protection contre les chutes.



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ADDENDUM No. 03

Date: January 18, 2018

Number of Pages: 10

This Addendum varies the Contract Documents entitled:

**GOVERNMENT OF CANADA
WABASCA-DESMARAIS GOVERNMENT BUILDING**

Project No.: 9031

This Addendum forms part of the Contract Documents and is to be read, interpreted and coordinated with all other parts. The cost of all work contained herein is to be included in the Contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender form. Failure to do so may subject bidder to disqualification.

ADDENDUM NO. 03

Architectural Addendum Includes: Architectural Addendum No. 03 (2 pgs), Specification Section 08 38 50 – Acoustic Doors (8 pgs).

SPECIFICATIONS

- .1 Section 07 52 00 - Modified Bituminous Membrane Roofing
 - .1 Revise article 2.9.1 to read:
 - “.1 Soprema Sopraply Traffic Cap 560 or accepted substitution.”
- .2 Section 08 38 50 – Acoustic Doors
 - .1 Add: Section in its entirety.

.3 Section 10 51 13 – Metal Lockers

.1 Add to article 2.1.5.7:

“.7 Acceptable Substitution: Shanahan’s Apex Single Tier Locker.”

.2 Add to article 2.1.5.8:

“.7 Acceptable Substitution: Shanahan’s Apex Double Tier Locker.”

.3 Add to article 2.1.5.9:

“.7 Acceptable Substitution: Shanahan’s Apex Double Tier Locker.”

.4 Add to article 2.1.5.10:

“.7 Acceptable Substitution: Shanahan’s Apex Six Tier Locker”

Attachments:

1) Section 08 38 50 – Acoustic Doors

END OF ADDENDUM NO. 03

1. General

1.1 RELATED WORK SPECIFIED IN OTHER SECTIONS

- | | | |
|----|-------------------|-------------------------|
| .1 | Section 08 71 00. | Door Hardware. |
| .2 | Section 08 81 00. | Glass and Glazing. |
| .3 | Section 09 91 23. | Interior Painting. |
| .4 | Division 26. | Electrical Connections. |

1.2 PRODUCT OPTIONS AND SUBSTITUTIONS

- .1 Refer to Division 01 for requirements pertaining to product options and substitutions.

1.3 REFERENCE DOCUMENTS

- .1 ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable.
- .2 ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength.
- .3 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
- .4 ASTM B 117 - Standard Practice for Operating Salt Spray (Fog) Apparatus.
- .5 ASTM D 1735 - Standard Practice for Testing Water Resistance of Coating Using Water Fog Apparatus.
- .6 ASTM E 90 - Standard Test Method for Laboratory Measurement of Airborne-Sound Transmission Loss of Building Partitions.
- .7 ASTM E 336 - Standard Test Method for Measurement of Airborne Sound Insulation in Buildings.
- .8 ASTM E 413 - Classification for Rating Sound Insulation.
- .9 HMMA 840 - Installation and Storage of Hollow Metal Doors and Frames; Hollow Metal Manufacturers Association.

1.4 SYSTEM DESCRIPTION

- .1 Design requirements: Acoustical door assemblies to include doors, frames, and door hardware to include gasketing systems, retainers and retainer covers, fixed door bottoms, cam-lift hinges, thresholds, and sills, and all other door components required to meet or exceed field tested performance as scheduled for all sound doors supplied using the ASTM E336 “Standard Test Method for Measurement of Airborne Sound Insulation in Building”.
- .2 Design Specification: Provide doors with a Sound Transmission Coefficient rating as Scheduled, for installed assembly, when tested as operable door assembly in accordance with ASTM E 90 and ASTM E 413.

1.5 SHOP DRAWINGS

- .1 Submit shop drawings in accordance with Division 01.
- .2 Clearly indicate each type of door, frame, material, metal thicknesses, mortises, reinforcements, location and sizes of seals, glazing, exposed fasteners and special features and accessories.
- .3 Provide manufacturer cut sheets indicating manufacturer name, sizes, materials and characteristics of all door seal accessories.
- .4 Reference door and frame types to door schedule. Indicate door numbers where applicable.
- .5 Provide independent test data from recognized licensed laboratory indicating compliance with requested Sound Transmission Class (STC). Provide this for each sound control door type specified.
- .6 Quality assurance submittals:
 - .1 Test Reports:
 - .1 Certified laboratory reports, performed in accordance with ASTM E90 and ASTM E 413, from independent testing laboratory qualified under the National Voluntary Laboratory Accreditation Program (NVLAP) supporting compliance of assemblies to specified requirements.
 - .2 Minimum five (5) field tests, performed in accordance with ASTM E 336 and ASTM E 413 by five separate independent testing agencies, substantiating acoustical performance of FSTC to meet values scheduled.
 - .3 Field performance for values scheduled as required in section 1.6 Quality Assurance.
 - .2 Certificates:
 - .1 Contractor's certification that:
 - .1 Products of this section, as provided, meet or exceed specified requirements.
 - .2 Manufacturer of products of this section meet specified qualifications.
 - .3 Acoustical Door manufacturer's certification that the installing contractor has been trained and certified to install, and adjust all components of the door assembly.
 - .3 Manufacturer's instructions: Printed installation instructions for each component.
- .7 Closeout submittals:
 - .1 Warranty documents, executed by manufacturer in Owner's name.
 - .2 Operation and maintenance data for assembly components.

- .3 Certified statement of manufacturer's authorized representative, as specified in FIELD QUALITY CONTROL Article of PART 3 of this section.
- .4 Installation of doors and hardware including single source responsibility to achieve field ratings within 5 dbs of laboratory tested assemblies. Frames to be grouted and installed by others in accordance with Krieger instructions.
- .5 Certified test reports of independent testing agency, as specified in FIELD QUALITY CONTROL Article of PART 3 of this section.

1.6 QUALITY ASSURANCE

- .1 Qualifications:
 - .1 Manufacturer: Minimum five (5) years documented experience producing systems specified in this section.
 - .2 Installer: Certified and factory trained by acoustical door manufacturer.
- .2 Performance: Manufacturer and Distributor to guarantee field tested performance meeting values scheduled when field tested according to ASTM E336 "Standard Test Method for Measurement of Airborne Sound Insulation in Buildings". Manufacturer and Distributor are required to accordingly undertake all co-ordination, steps, measures and remedial work necessary to provide this performance standard.

1.7 DELIVERY, STORAGE, AND HANDLING

- .1 Store frames in accordance with requirements of HMMA 840.
- .2 Store steel doors in accordance with requirements of HMMA 840.
- .3 Remove wraps or covers from doors and frames upon delivery at the building site; clean and touch-up scratches or disfigurement caused by shipping or handling promptly with rust inhibitive primer.
- .4 Store units on planks or dunnage in a dry location; store doors in a vertical position spaced by blocking.
- .5 Store units covered to protect them from damage, but permitting air circulation.

1.8 SCHEDULING

- .1 Furnish manufacturer's mounting templates for door hardware provided by others to manufacturer of products of this section in time for factory preparation for door hardware.

2. Products

2.1 MANUFACTURERS

- .1 Pre-approved manufacturer: **Krieger Specialty Products**, 4880 Gregg Road, Pico Rivera CA 90660; Telephone 562-695-0645, FAX 562-692-0146.
- .2 Unless otherwise specified for an individual product or material, supply all products specified in this section from the same manufacturer.

2.2 MATERIALS

- .1 Steel sheet: One of the following:
 - .1 A 60 Galvanized
- .2 Galvanized steel sheet: ASTM A 653/A 653M, commercial quality, minimum A60 zinc coating.
- .3 Acoustical material: Manufacturer's standard for required STC rating.
- .4 Primer: Meeting ASTM B 117 salt spray for 150 hours, and ASTM D 1735 water fog test for organic coatings for 200 hours.
- .5 Acoustic Sealants: as required and recommended by manufacturer.
- .6 Glazing: specified in section 08 80 05 – Glass and Glazing General Requirements.

2.3 FABRICATION/COMPONENTS

- .1 Steel doors: Fabricate in accordance with Architect-approved shop drawings, 45 mm (1-3/4 inches) minimum thickness, and as follows:
 - .1 Face sheets:
 - .1 Doors for interior use: Galvanized, minimum 1.6 mm (16ga) sheet thickness.
 - .2 Visible seams on face sheets not permitted.
 - .2 Core:
 - .1 Stiffen face sheets with continuous vertical steel sections.
 - .2 Fill spaces between stiffeners with acoustical material.
 - .3 Manufacturer's standard "non-coupling" core to prevent vibration.
 - .3 Vertical edges:
 - .1 Join face sheets at vertical edges by continuous welding:
 - .1 Join door faces by continuous weld on each edge, extending full door height.
 - .2 Grind, fill, and dress welds to provide smooth flush surface.
 - .2 Form edge profiles both vertical edges of doors with 3 mm in 50 mm bevel.
 - .3 Visible seams on vertical edges not permitted.
 - .4 Horizontal edges:
 - .1 Close top and bottom edges of doors with continuous steel channels, 1.6 mm (16ga) minimum; spot-weld channels to both door faces.

(Added by Addendum 3)

- .2 Provide openings in bottom closure of exterior doors to permit escape of entrapped moisture.
- .3 Provide additional flush closing channel at top edge of doors; spot-weld channel to both door faces.
- .5 Hardware preparation:
 - .1 Mortise, reinforce, drill, and tap doors at factory for fully templated mortised hardware only, in accordance with approved hardware schedule and supplied templates.
 - .2 Provide reinforcing plates at surface-mounted or non-templated hardware locations.
- .2 Frames: Fabricate in accordance with Architect-approved shop drawings, and as follows:
 - .1 Frames for interior use: Fabricate from galvanized sheet, minimum 2.0 mm (14ga) thickness.
 - .2 Form frame members straight, and of uniform profile through lengths, as welded units with integral trim, of sizes and profiles indicated.
 - .1 Weld contact edges of joints closed tight.
 - .2 Miter perimeter trim faces and weld continuously.
 - .3 When shipping limitations so dictate, fabricate frames for large openings in sections designed for assembly in the field; install alignment plates or angles, of same material and gage as frame, at each joint.
 - .4 Hardware preparation:
 - .1 Mortise, reinforce, drill, and tap frames at factory for fully templated mortised hardware only, in accordance with Architect-approved shop drawings and supplied templates.
 - .2 Provide reinforcing plates at surface-mounted or non-templated hardware locations.
- .5 Floor anchors:
 - .1 Fabricate of same material as frame material; minimum 14 gage.
 - .2 Weld anchors inside each jamb for floor anchorage.
- .6 Jamb anchors:
 - .1 Fabricate of same material as frame material; weld anchors inside each jamb for wall anchorage.
 - .2 Provide anchor types for indicated adjacent wall construction:

- .1 Frames for installation in masonry walls: Adjustable jamb anchors, 1.6 mm (16ga), T-shape type.
- .2 Frames for installation in stud partitions: Continuous 16 gage steel channel to surround stud, welded inside each jamb.
- .7 Plaster guards: Fabricate from minimum 0.86 mm (22ga) steel; weld in place at hardware mortises on frames to be set in plaster, masonry, or concrete openings.
- .8 Provide welded frames with temporary steel spreader welded to jamb feet for bracing during shipping and handling.
- .3 Vision lites:
 - .1 Factory-assemble lites in doors indicated to have lites, using glazing materials and assembly methods indicated on approved shop drawings to match scheduled door STC rating; field assembly not permitted.
 - .2 Fabricate dual-glazed lites permitting individual removal of each glazing pane.
- .4 Loose stops:
 - .1 Fabricate of minimum 2.76 mm (12ga) steel, with factory-drilled and countersunk holes for fasteners.
 - .2 Form stops for mitered corner joints.
 - .3 Supply cadmium-coated or zinc-coated fasteners, size and quantity required for fastener holes.
- .5 Door hardware:
 - .1 Supply gasketing systems, retainers, retainer cover, automatic door bottoms, fixed door bottoms, cam-left hinges, thresholds, and sills as indicated on Architect-approved shop drawings, or specified in manufacturer's product data for project conditions, to achieve specified performance requirements. **Standard butt hinges will not be accepted.**
 - .2 All other door hardware is specified in Section 08 70 00.

2.4 SILL CONDITION

- .1 Door manufacturer to supply and install a smooth flush stainless steel threshold for the door bottom to seal against when the door is in the closed position. The minimum width of the threshold shall be door thickness plus 100 mm to allow the threshold to extend a minimum of 70 mm beyond the face of the door on both sides of the opening. For openings where carpet extends through the opening, the threshold height shall be 3 mm greater in height than the carpet thickness.

2.5 FINISH

- .1 Finish: All tool marks and surface imperfections shall be removed and exposed faces of all welded joints shall be dressed smooth. Assemblies shall be treated and shall be coated on all accessible surfaces with a rust-inhibitive primer which meets ASTM B117 salt spray for 150 hours, and ASTM D1735 water fog test for organic coatings for 200 hours, and which is fully cured prior to shipment.

2.6 SOURCE QUALITY CONTROL

- .1 Hardware location on doors and frames:
 - .1 Hinges:
 - .1 Top: 127 mm from head of frame to top of hinge.
 - .2 Bottom: 254 mm from finished floor to bottom of hinge.
 - .2 Unit and integral type locks and latches: 38 inches from finished floor to centerline of knob.
 - .3 Deadlocks: 1220 mm from finished floor to centerline of strike.
 - .4 Panic hardware: 965 mm from finished floor to centerline of cross bar, or as indicated on hardware template.

3. Execution

3.1 INSTALLATION

- .1 Remove steel spreaders from welded frames prior to installation; use of spreaders for installation purposes not permitted.
- .2 Install units in accordance with approved shop drawings and manufacturer's printed installation instructions. Installers are required to be trained and certified by acoustical door manufacturer. Other installation forces will not be accepted.
- .3 Installer is responsible for scheduling inspection of surrounding conditions prior to installation. Installer is responsible for time allowance for inspection and potential correction of opening prior to installation commencing.
- .4 Installers must inspect conditions and coordinate construction and reinforcement of openings prior to door installation. Openings must be straight, level rigid and square to manufacturer's tolerances. Where unsatisfactory conditions are found Contractor and Consultant are to be notified. Do not commence until satisfactory conditions are corrected. Commencing installation will constitute acceptance of conditions.
- .5 All materials shall be thoroughly inspected upon receipt and all discrepancies and/or damages shall be immediately reported in writing to the supplier.
- .6 Fill voids between concealed side of frame and adjacent wall construction with lightweight gypsum plaster in accordance with approved shop drawings or manufacturer's printed installation instructions.
- .8 Finish surfaces having abrasion damage smooth; touch-up with rust inhibitive primer.

- .9 Install gasketing systems, retainers, retainer covers, automatic door bottoms, fixed door bottoms, cam-lift hinges, thresholds, and sills in accordance with manufacturer's printed instructions.
- .10 Installation of all other door hardware is specified in Section 08 70 00.
- .11 Field painting is specified in Section 09 91 05.
- .12 Site tolerances: Do not exceed the following installation tolerances:
 - .1 Squareness: Plus or minus 1.6 mm measured on a line, 90 degrees from one jamb, at the upper corner of the frame at the other jamb.
 - .2 Alignment: Plus or minus 1.6 mm measured on jambs on a horizontal line parallel to the plane of the wall.
 - .3 Twist: Plus or minus 1.6 mm measured at face corners of jambs on parallel lines perpendicular to the plane of the wall.
 - .4 Plumb: Plus or minus 1.6 mm measured on the jamb at the floor.
- .13 Adjust operable parts for correct clearances and function.

3.2 FIELD QUALITY CONTROL

- .1 Engage and pay for the field services of manufacturer's authorized representative to:
 - .1 Undertake installation or oversee installation by factory trained and certified installers.
 - .2 Inspect completed installation of door and frame assemblies.
 - .3 Verify each component is correctly installed.
 - .4 Issue certified statement of compliance of installed door and frame assemblies to Architect-approved shop drawings.
- .2 Independent Testing:
 - .1 The Owner may pay for services of an independent testing agency to verify performance rating. Field testing will be conducted in according to ASTM E336 “Standard Test Method for Measurement of Airborne Sound Insulation in Buildings”
 - .2 Assemblies failing to meet above performance criteria not due to other job conditions such as flanking paths to be repaired at manufacturer’s or distributor’s expense. Re-testing of failures by owners independent testing agency will be required in the event of all failures and is to be paid for by, (either or both) Manufacturer or Distributor.

3.3 SCHEDULE

- .1 **STC 46 Field Tested Doors:** Provide Manufacturer’s door rated for STC 51.

END OF SECTION

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.