

SECTION 01230

ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.

- D. Schedule: A Schedule of Alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- Alternate No. A1: Construct enclosing walls of Stairs # 1 and # 2 as two hour rated gypsum board shaftwalls in lieu of concrete masonry. Exterior wall of Stair # 2 and walls of elevator shaft will remain CMU. Price partition type P2CH as basis-of-design.
- Alternate No. A2: Beneath proposed location of MRI scanner, install 10'-0" x 10'-0" x 20" thick slab with # 6 bars at 12" o.c. each way. Install project standard concrete slab-on-grade throughout remainder of CT and MRI diagnostic area indicated in Tenant Fit-out drawings.
- Alternate No. A3: Delete from scope-of-work fiberglass-sandwich panel skylight on Porte Cochere; construct roof entirely of specified metal roof panels.
- Alternate No. A4: Delete scope-of-work within 2nd floor health connections suite. Provide gypsum wallboard on corridor side of walls only as well any mechanical and electrical devices required by code.
- Alternate No. A5: Base pricing of a radio frequency shielded enclosure within the MRI Scan Room on the following:**
- 1. Provide pre-manufactured RF enclosure consisting of modular 1-3/4" thick, fire-retardant lumber framed panels clamped together from the inside and covered on outside with pure annealed copper. Enclosure, together with final finish wall inside of it, is shown in details on sheet A650. Enclosure is to be 12' high and envelop scan room along its perimeter. Ceiling of RF enclosure is to be supported from building's structural steel framing overhead using Unistrut-like channel framing strong enough, in turn, to support mechanical, electrical and suspended ceiling systems below it.**
 - 2. RF enclosure to be isolated from surrounding shell walls. All penetrations of RF enclosure to be isolated from it with use of honeycomb waveguides and electrical filters furnished and installed by RF shielding contractor.**
 - 3. Floor of RF enclosure is to consist of 1-3/4 cementitious overlayment over a layer of overlapping 3 ounce copper foil sheets**

soldered together. Copper protected from beneath with 6 mil polyethylene vapor barrier bonded to the concrete slab. Scheduled floor finish to be adhered to overlay.

- 4. Pair of doors into RF enclosure to be RF shielding contractor's standard copper-shielded door type, modified to accommodate two leafs as shown on drawings. Door to be made with sound-absorbing core material. Equip with mortised lock that permits egress at all times.**
- 5. RF enclosure observation window to be manufacturer's standard aluminum framed, sound-rated type with tempered safety glass laminated with bronze or copper mesh. Size as indicated on drawings.**

Alternate No. E1: Delete from scope-of-work emergency generator and associated equipment; furnish battery-operated exit lighting as specified on Electrical Drawings.

Alternate No. M1: Delete from scope-of-work oxygen manifolds and all related piping and outlets.

END OF SECTION 01230