

PHYSICS	To be provided by Client	To be provided by Veritas
Establish primary workload	✓	
Determine ratio of conformal IMRT TBI	✓	
Establish design exposure limits	✓	✓
Calculate required shielding		✓
Prepare detailed physics report with calculations		✓
Language translation and submittal for physics approval	✓	
Establish testing protocol	✓	✓
Provide drawings and sketches of ancillary spaces surrounding vault	✓	
Provide section drawings illustrating conditions above and below bunker	✓	
Submit for local licensing, permits, etc.	✓	
Operating facility within design parameters	✓	
Supply selected machine energy dose rate output and equipment specifications	✓	
Assign occupancy factors to adjacent spaces		✓
Review and approval of above factors	✓	
Assign usage factors		✓
Design primary ceiling barrier width		✓
Design primary wall barrier width		✓

ENGINEERING	To be provided by Client	To be provided by Veritas
Prepare facility layout for client approval		✓
Provide foundation loading from bunker		✓
Prepare detailed installation drawings		✓
Prepare installation specifications		✓
Prepare sequence of shipping and logistics		✓
Layout of column gridlines and isocenter	✓	
Layout of linac vault from previously marked column gridlines and isocenters		✓
Resolution of any site field layout discrepancies	✓	✓
Structural calculations for seismic conditions - walls		✓
Structural calculations for seismic conditions – ceilings		✓
Structural calculations for seismic conditions – foundation(s)	✓	
Provide product specifications		✓
Review Veritas installation drawings for site location accuracy	✓	
Calculate required room air changes	✓	
Establish required electrical, plumbing, and air service needs	✓	
Determine water chiller	✓	
Determine power conditioner requirements	✓	
Obtain all required architectural, structural, electrical, and mechanical approvals	✓	
Apply for any required permits	✓	
Provide architectural support services		✓
Obtain local architectural design services for project	✓	
Obtain local engineering services	✓	
Design main works	✓	

PRODUCT AND MANUFACTURING BASIC PACKAGE	To be provided by Client	To be provided by Veritas
Procure all required raw materials for shielded bunker walls and ceiling		✓
Manufacture all VeriShield™ interlocking block modules		✓
Provide all steel bearing plates, steel rebar reinforcement, clips, and fasteners related to structural ceiling support		✓
Provide all structural steel beams		✓
Furnish the embedded shielded door frame		✓
Provide (1) opening each for supply and return air		✓
Furnish duct shielding		✓
Provide (1) 4" diameter (100 mm) dosimetry pipe shielding		✓
Provide all required grout		✓
Provide all supplemental shielding plates		✓
Provide structural support for all duct shielding		✓
Provide sufficient materials to construct shielded bunker to 3.3m height to underside of steel beam structure		✓

PRODUCT AND MANUFACTURING RADIATION SHIELDED DOOR – BASIC PACKAGE	To be provided by Client	To be provided by Veritas
Procure all required raw materials		✓
Manufacture door, support structure, etc.		✓
Install/assemble all necessary components – install shielding		✓
Provide and install included safety systems		✓
Furnish/Install decorative surface finishes		✓
Furnish appropriate control stations and push buttons – touchscreen		✓

PRODUCT AND MANUFACTURING INTERIORS – OPTIONAL PACKAGE	To be provided by Client	To be provided by Veritas
Prepare architectural selection materials		✓
Provide all engineering and architectural services as required		✓
Procure all required materials as identified in final offer sheet		✓
Install client-selected interior package		✓

PRODUCT AND MANUFACTURING HVAC – OPTIONAL PACKAGE	To be provided by Client	To be provided by Veritas
Establish operating requirements		✓
Design appropriate system for conditions		✓
Procure all required materials as identified in final offer sheet		✓
Install final system		✓

SHIPPING & IMPORTATION – AS APPLICABLE	To be provided by Client	To be provided by Veritas
Preparation of commercial invoice, ocean bill of lading, and related shipping documents		✓
Loading of shipping containers with seal numbers		✓
Land transport from Veritas facility to Port of Departure		✓
Ocean transit with marine insurance – if applicable		✓
Customs clearing at Port of Entry – if applicable	✓	
Settlement of duties and taxes as may be applicable upon arrival at port	✓	
Transfer of shipping containers from port of entry to project site		✓
Off-loading of containers and transit to storage area		✓

GENERAL SITE INSTALLATION CONDITIONS	To be provided by Client	To be provided by Veritas
Welfare (toilets, canteen)	✓	
Temporary Water Supply	✓	
Temporary Electricity Supply (110V)	✓	
Lighting	✓	Task lighting
Heating	✓	
One-time handling		✓
Storage (size, closed/open, etc.)	✓	
Security (hours of operation)	✓	
Telephone (authorized person)	✓	
Scaffolding/Access arrangements	✓	
Unloading/Movement of materials to workforce		✓ (one time)
Disposal of Rubbish (provision of skips, arrangements for contaminated waste, etc.)	✓	
Craneage (tower crane, mobiles, etc.)	✓	
Hoists (type, operation of and load capacity) – if required	✓	
Transport from Veritas manufacturing		✓
Transport from port of entry to jobsite (after customs clearing and duties and taxes settlement by client)		✓
Clear customs and pay any duties and/or taxes – if applicable	✓	
Transport on site		✓
NOTE: When Veritas supplies craneage for the sub-contractor/supplier, any downtime which results from the crane being winded off/broken down etc. will be borne by the sub-contractor/supplier		

INSTALLATION	To be provided by Client	To be provided by Veritas
Laying of all high and low density VeriShield block		✓
Installation of steel support structure		✓
Installation of door frame		✓
Provide opening for HVAC supply and return air		✓
Shielding of all HVAC and other MEP services		✓
Installation of all reinforced grout cells and bond beams		✓
Installation of door		✓
Wiring of door controls and operator	✓	
Room layout from isocenter and column marks		✓
Preparation of method statements		✓
Preparation of work sequencing		✓
Preparation of risk assessment		✓
Preparation of health and safety manual		✓
Provide on-site mixers		✓
Provide general hand tools and equipment		✓
FINAL INSPECTIONS & CLOSE OUT DOCUMENTS	To be provided by Client	To be provided by Veritas
Quality assurance inspections and report during construction		✓
Radiation survey of facility	✓	✓
Preliminary report of radiation survey readings	✓	✓
Review of survey results and findings report	✓	✓
Submissions to national, state, and/or local regulators for licensing, permits, acceptance, etc.	✓	
Remediation (if necessary)		✓
Removal and replacement of finishes in case of remediation	✓	✓
Preparation of all manuals for shielded door		✓
Warranty and guarantee certificate		✓
Review and final approval of drawings	✓	
Testing of mortars or grout as may be required per spec		✓
Structural reviews and reports of field connections per spec as applicable		✓