



MAHATMA GANDHI MISSION TRUST
MGM INSTITUTE OF HEALTH SCIENCES, CENTRAL PURCHASE DEPARTMENT (CPD)

Plot 1 & 2, Sector -1 Kamothe, Navi Mumbai 410209

e-Tender for Bunker (HALCYON - LEFT SIDE OF BASEMENT AREA)

Tenders invited from reputed Manufactures or their authorised distributors / dealers of Bunker (Halcyon - Left Side of Basement Area) for MGM New Bombay Hospital, Vashi, Navi Mumbai, in the format given below:

Name & Address of Vendor: _____

Sr. No.	Description	Unit	Qty	Rate	Amount
VASHI MGM BOQ - AS PER AERB DWG SUBMITTED ON 23.12.22				DATE :	
HALCYON (LEFT SIDE OF BASEMENT AREA)					
AERB MODIFICATION WORKS					
1	Dismantling of existing vitrified tile work in floor, Gypsum false ceiling and its frame work including all fixtures, wooden doors, overhead cupboard work and shelves including remove the material from the RCC campus to an approved municipal dumping yard.	Sqm	320		-
2	Providing and casting in situ cement concrete M-25 (Min. Concrete Density 2.35 gms/cc) of trap / granite /quartzite/ gneiss metal for R.C.C. Walls as per detailed designs and drawings or as directed including Base preparation, centering, formwork, cover blocks compacting and roughening if special finish is to be provided and curing complete. (Excluding reinforcement) . With fully automatic micro processor based PLC with SCADA enabled reversible drum type concrete mixer.				
a	For foundations	Cum	29.8		-
b	For RCC Shielding (Wall)	Cum	116.8		-
3	Providing and casting in situ cement concrete M-25 (Min. Concrete Density 3.40 gms/cc with free flow) of Hematite metal for R.C.C. Slab as per detailed designs and drawings or as directed including centering, formwork, cover blocks compacting and roughening if special finish is to be provided and curing complete. (Excluding reinforcement) . With fully automatic micro processor based PLC with SCADA enabled reversible drum type concrete mixer. With natural sand.				
a	For Slab Shielding	Cum	23.93		-

Sr. No.	Description	Unit	Qty	Rate	Amount
4	Supply & fabricating and fixing reinforcement for RCC work with high yield strength ribbed cold twisted tor steel of various diameters and all lengths of grade Fe 500 conforming to BIS specification including cutting, bending, fabricating, welding, wastage and placing in position according to drawings and binding the reinforcement with the use of 16 gauge galvanized binding wire of double fold and providing precast cement cover blocks for main reinforcements to ensure specified cover according to relevant IS code.	MT	15.50		-
5	Providing and fixing high density (7.85gm/cc) steel plate including ISMB 450 as per structural drawings to the existing concrete surface using holdfast and hot press technique. Also, the footing required to carry weight of steel plate would be included as per approved design by the consultant.	MT	150.46		
6	Supplying,Drilling/Cleaning hole and injecting chemical of approved make.Application to be designed separately for Rebars as Simply Supported,Moment or SpliceConnection as per EC2/TR023 or relevant tested and accepted rebar guidelines. Re 500 -20 mm dia 400mm depth (as per approved design)	Nos	208.00		-
	TOTAL - A				-
B	CIVIL INTERIOR WORKS				
1a	Providing and constructing 150 mm thick Solid Concrete block work in straight or curved walls, piers and architectural features at all levels using approved solid blocks of strength 35 kg/sqcm in cement mortar 1:4 including curing, scaffolding, staging, packing the residual space between masonry & other structural members like columns, beams, slabs etc., providing openings as directed and finishing neatly around the same, the cost of all materials, cost of labour, cost of equipment and machinery, work at all leads and lifts, loading and unloading, transportation, and all other incidental charges etc., complete. The work shall be carried out as per the directions of the Engineer in charge	Cum	43.94	QRO	
1b	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in: Cement mortar 1:6 (1 cement : 6 coarse sand) (BRICKWORK @ 150 MM THK)	Cum	43.94		-
2	PLASTERING ON WALL : 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	Sqm	856.34		-
3	WALL TILES @ 3 MTR: Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm (for walls, Height 3mtr)	Sqm	856.34		-
4	WALL TILES @ 1.6 MTR: Providing and laying Vitrified tiles indifferent sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:4 (1 cement : 4 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm (for walls, Height 1.6 mtr)	Sqm	NA		

Sr. No.	Description	Unit	Qty	Rate	Amount
5	PAINTING: Providing and applying oil based internal paint as per the manufacturers specification to the interior surface of masonry walls, underside of roof slabs in OPD , passages, store etc of approved colour and shade with minimum two coats of paint. Item to include preparing the surface with necessary approved fillers, making good by touch up etc. to give the desired finish , all complete. Rate to include cost of the tools, tackles, labour, equipment, etc.	Sqm	NA		
6	FLOORING: Providing and laying matt finished vitrified tile of size 600x600x9.8mm in Radiation therapy Bunker room and the control room, having water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge (Location: Radiation therapy Bunker room, control room and UPS)	Sqm	261.2		-
7	Metal False Ceiling Work: Providing and fixing GI Clip in Metal Ceiling System in Radiation therapy processing room, passage and the control room of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to center, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with : 12.54.1 GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25mm height, made of G I sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	261.2		-
8	Constructing cable trenches 300mm wide and 300mm deep as per the drawings	Meter	15		-
9	Preparing and fixing openable covers of 19 inch plywood with ability to sustain a load of 200kgs to be placed on the trenches 300 mm wide, all works complete	Meter	15		-
10	SITC of Approved make virtual skylight of size 8 ft x 4.5 ft with customised design and panels. Location: Bunker	SQFT	36		-
11	Paving the floor with approved best quality Jet Black Granite Slab (Super Fine Polished with Machine cut Edges) of sizes as per drawings and above 18mm to 20mm tk of approved colour, shade and quality laid in cement mortar 1:3 (one cement and three sand) 20mm thick in all Pantry/Kitchen Platform and the top pointed with the white cement mixed same colour pigments etc., complete complying with standard specification.	SQFT	40		-

Sr. No.	Description	Unit	Qty	Rate	Amount
12	Furniture				-
12a	Supplying and installation of Medium Back revolving Chairs for workstation, Conference hall and Training room (With Synchronized Tilt Mechanism, Zeropositiontiltlock, Pneumatic Height Adjustments, ABS Back Rest & Seat, PU Arm Rest, Nylon base with castors) (Godrej, Wipro or Bloster make or equivalent).	Nos	4		-
12b	Supplying and installation of Visitors chair, PU Arm rest, Non revolving, back and seat with ABS, countoured seat mould, (Godrej,Wipro or Bloster make or equivalent).	Nos	4		-
12c	Attached airport Type Stainless Steel Chair 4 Seated (Combi chair) : Should be airport model combi chair, Approximate dimension width 267 inches, Height 303 inches, Color : Silver, Seating capacity : 4, Non magnetic SS high quality steel perforated seat sheet and back rest, Rectangular pipe 75mm X 38mm cold rolled, 7. Should be 16 guage perforated sheet, Aluminum die-casted seat edges, Should be provided with metal chrome plated armrest, Legs and arm rest shall be cold rolled steel, Suitable for heavy public use.	Nos	1		-
12d	Computer table (long) of size 1500mm x 750mm with keyboard tray, CPU storage at base in a side and storage drawers at other side. (For workstation and reports) reputed brand godrej/featherlite/wipro.	Nos	4		-
12e	Work station L- Shaped in Control room with 18 mm thick high quality plywood laminated with 0.9mm thick melamine laminates on both side of approved colour and make with 182(L)X77(w)X90(H)cm size in long side,154(L)X77(W)X90(H)cm size in short side. Work station type and utility should match with the existing work station with individual locking system with necessary accessories like SS brush finished handles, locks, screws , self-closing concealed hinges, heavy duty magnetic lock synthetic hinges , heavy duty magnetic lock, synthetic resins adhesive etc. Provide necessary drawer and shutter as per the requirement from the Radiation physics division. All finishes and quality to be instructed by the engineering - in - charge.	Nos	1		-
12f	Providing, making and keeping in position overhead unit of 45cm(H)x50cm(W)x300cm(L) fabricated out of 18mm thick particle board(MDF)with laminate on both sides, approved make and shade with divisions as compartments each with individual locking system with necessary accessories like SS brush finished handles, locks, screws, self-closing concealed hinges, heavy duty magnetic lock synthetic hinges, heavy duty magnetic lock, synthetic resins adhesive etc. Edges should be finished by machine press. Execution and detailing as per shop drawing- OH with shutter. Elevation area to be taken as measurement of cupboard.	Nos	1		-
13	Wooden Door of size 2m/1.5m/1m/0.9m/0.75m wide and 2.15m high of 40 mm thick block board with finished proper finishing, with all required frames and hinges to hold the same all works complete.				
1	DOOR - D DOUBLE PANEL DOOR (2 MTR X 2.4 MTR)	NOS	2		-
2	DOOR - D1 SINGLE PANEL DOOR(1 MTR X 2.4 MTR)	NOS	8		-
3	DOOR - D2 SINGLE PANEL DOOR (0.75 MTR X 2.4 MTR)	NOS	3		-
14	Fire Retardant Partition Wall - 60 mm Thick @ UPS Room (As per Approved Make and Specifications)	Sqm	4.65		-
15	Lead Lined Partition Wall - 60 mm Thick @ Changing Room (As per Approved Make and Specifications) - 2mm thk lead sheet	Sqm	4.65		-
	TOTAL - B				-

Sr. No.	Description	Unit	Qty	Rate	Amount
C	PLUMBING WORKS				
1	Chiller platform of size 3m X 3.5m X 0.3m. In M15 Concrete/Steel	Nos	1		-
2	Supply & installation and commissioning of chiller water copper piping 15/8" 18 gauge with insulation 19mm thick including all support & channel including 2 nos Pressure Gauges, 4 nos Ball Valve, 2 nos Temperature Gauges Testing and commissioning etc.	Meter	50		-
3	Core Cutting Bunker Wall 1000 Depth 150 Dia	Nos	4		-
4	Core Cut Hole Repairing with GP-2 chemical	Nos	4		-
	TOTAL - C				-
Sr. No.	DESCRIPTION				
A	AERB MODIFICATION WORKS				-
B	CIVIL INTERIOR WORKS				-
C	CHILLER PIPING WORKS				-
	TOTAL				-
1	One year DLP/ warranty				-
2	2nd year CMC				-
3	3rd year CMC				-
4	4th year CMC				-
5	5th year CMC				-
	GRAND TOTAL (E + CMC's 5 year)				-

Note: All prices mentioned are Exclusive of Taxes.

Kindly email your lowest quotation as above with your terms & conditions as well as applicable brochure / catalog, user list to only etenders@mgmuhs.com

Date:

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