



Item Rate BoQ							
Tender Inviting Authority: Secretary, Centre for Heritage, Environment and Development							
Work Name:c-hed/05/2024 dtd. 16/02/2024: Civil works for dialysis center, Lab, and Store room at Palluruthy Government Taluk Hospital in Division 19 of Kochi Municipal Corporation							
Name of the Bidder/ Bidding Firm / Company :							
Price Schedule							
<p><i>This BoQ template must not be modified/replaced by the bidder and the same should be submitted after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the bidder name and values only</i></p>							
SI No.	Item Description	Quantity	Units	BASIC RATE In Figures	TOTAL AMOUNT Without taxes in Rs.	TOTAL AMOUNT In Words	
1.001	15.3: Demolishing R.C.C. work manually / by mechanical means including stacking of steel bars and disposal of unserviceable material with in 50 metres lead as per direction of Engineer -in-Charge	0.522	cum				
1.002	13.1.1: 12 mm cement plaster of mix:1:4 ( 1 cement : 4 fine sand)	501.29	sqm				

1.003	5039.1.1: Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately), using good quality Anjili wood /jack wood	0.081	cum					
1.004	50.9.3.1: Providing and fixing paneled or paneled and glazed shutters for doors, windows and clerestory windows, 30 mm thick shutters including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction Of Engineer in- charge. using Anjili/ Jack wood	4.141	sqm					

1.005	50.9.4.1: Providing and fixing paneling or paneling and glazing in paneled or paneled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured) paneling for paneled or paneled and glazed shutters 25 mm to 40 mm thick using good quality Anjili/ Jack wood	3.289	sqm					
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1.006	<p>21.1.1.2: Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS : 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing /paneling, C.P. brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge.(Glazing, paneling and dash fasteners to be paid for separately): For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron)</p>	98.409	kg					
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1.007	21.1.2.2: For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber/ neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	260	kg					
1.008	21.3.1: Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer - in -Charge. ( Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 4.0 mm thickness	160	sqm					
1.009	OD261474/2023-2024: (MD 21.2.2) Providing and fixing Hylam Sheet, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of Engineer - in- Charge. Pre- laminated Hylam board	24	sqm					

1.01	50.9.15.2: Supplying and fixing 300 mm Aluminium aldorp	3	no					
1.011	OD261449/2023-2024 :Providing and fixing factory made PVC door including cost of all fittings ,labour charges etc complete	3.15	sqm					
1.012	OD261450/2023-2024 : Mancoolie	5	day					
1.013	OD261459/2023-2024 Providing and fixing Aluminium profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.460 mm or nearest available thickness. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x55mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. OD71/21-22 (Approved data vide CE circular dated 18.08.2016)	354.564	sqm					
1.014	OD261460/2023-2024 (MD 12.51.1) Providing and fixing precoated Aluminium sheet roofing accessories 0.50 mm (+ 0.05%) total coated thickness, using self drilling/self tapping screws complete: Ridges plain (500-600 mm) OD 70/21-22 Modified DAR 12.51.1	49	m					

1.015	<p>OD261458/2023-2024 Providing and fixing 200 mm wide square uPVC rain water gutter including all necessary fittings and making all necessary connections complete as per the direction of engineer in charge at site OD75/21-22</p>	69.6	m					
1.016	<p>11.36: Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer - in Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete</p>	68.37	sqm					
1.017	<p>11.41.1 : Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20 mm thick cement mortar 1:4(1 cement : 4 coarse sand), including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 500x500 mm</p>	209.982	sqm					

1.018	50.17.1.3 : Supplying and fixing CP Towel rod 60cm or nearest available length including cost of materials and labour charges etc complete as per the direction of site Engineer-in charge.	2	no					
1.019	50.17.1.4 : Supplying and fixing CP Health faucet good quality including cost of materials and labour charges etc. complete as per the direction of site engineer-in-charge.	2	no					
1.02	17.2.2 :Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:W.C. pan with ISI marked black solid plastic seat and lid	2	each					
1.021	17.7.3 :Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	2	each					



1.022	4.1.3 :Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:1:2:4 (cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	4.028	cum					
1.023	10.16.1 :Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.Hot finished welded type tubes	3574.886	kg					
1.024	10.25.1 :Item Shifted to Sub head 14 as item 14.73, Item Shifted to head 14 as item 14.74, Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.In stringers, treads,landings etc. of stair cases, including use of chequered plate wherever required, all complete	448.256	kg					

1.025	11.20.1 Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete on 20 mm thick bed of cement mortar 1:4 ( 1 cement : 4 coarse sand).Light shade pigment using white cement	572.83	sqm					
1.026	13.47.1 Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:New work (Two or more coats applied @ 1.43 ltr/ 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm)	1262.925	sqm					
1.027	13.50.1 Applying priming coat:With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	6.12	sqm					
1.028	13.52.1 Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.On steel work	246	sqm					
1.029	8.6 Mirror polishing on marble work/ granite work/stone work where ever required to give high gloss finish complete.	4.32	sqm					

1.03	13.61.1 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	160	sqm					
1.031	50.18.8.1.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge Concealed work, including cutting chases and making good the wall etc. 15 mm pipe 10kgf/cm2	160	m					
1.032	50.18.8.2.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work,including cutting chased and making good the wall etc. 20 mm pipe 12 Kgf/cm2	160	m					

1.033	50.18.8.3.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 25 mm pipe 10kgf /cm2	15	m					
1.034	50.18.8.4.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 32 mm pipe 10Kgf/cm2	15	m					
1.035	50.18.8.7.2: Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc 63 mm pipe 4 kgf/ cm2	60	m					

1.036	50.18.8.8.1 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 75 mm pipe 6 kgf/cm <sup>2</sup>	60	m					
1.037	50.18.8.9.2 Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC Solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 110 mm pipe 4 kgf/cm <sup>2</sup>	30	m					
1.038	10.25.2 Item Shifted to Sub head 14 as item 14.73 Item Shifted to head 14 as item 14.74 Steel work welded in built up sections/framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	350	kg					

1.039	OD261481/2023-2024 (MD 30.2.33) Providing and fixing Neelgiri/Mexican grass turf with earth 50mm to 60mm thickness of existing ground prepared with proper level and ramming with required tools wooden (Dhurmos) and than rolling the surface with light roller make the surface smoothen and even, watering with sprinkler	100	sqm					
1.04	50.10.2 Steel work for purlin/single section with G I pipes including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete	477.224	kg					
1.041	50.6.1.5 Solid block masonry using pre cast solid blocks ( Factory made) of size 30x20x20cm or nearest available size confirming to IS 2185 Part I of 1979 for super structure up to floor two level thickness 20cm and above in: CM 1:6 ( 1 cement : 6 coarse sand) etc complete	39.914	cum					
1.042	17.28.1.1 Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC. waste fittings complete. Semi rigid pipe 32 mm dia	3	each					

1.043	<p>OD285204/2023-2024 (MS-207) Designing, fabricating, testing and installing Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building, for all heights and all levels etc. including: Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding INCLUDING aluminium base frame work in pan shape in metallic colour of approved shades made out of 3mm thick aluminium composite panel material. The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. with aluminium composite panel cladding till the handing over of the building for occupation. The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of</p>	156	sqm					
1.044	<p>OD285204/2023-2024 Supply and fixing 3D Acrylic Logos including fixing letters and logos for name board etc 35cm dia complete as per direction of Engineer in charge at site OD 50/21-22</p>	100	each					

