

[Validate](#)[Print](#)[Help](#)

Item Rate BoQ

Tender Inviting Authority: Assistant Executive Engineer

Work Name : Quotation Schedule for Urgent Infrastructure facilities at UIT centre, Alapuzha

Contract No: AEE1/DB1/ Qtn 01-22/ 22-2023

NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	LIGHT ROOF WORK IN FRONT OF THE BUILDING					
1.01	10.1 : Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	30.0000	kilogram		0.00	INR Zero Only

1.02	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	325.0000	kg		0.00	INR Zero Only
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	25.0000	sqm		0.00	INR Zero Only
1.04	50.12.2.1 : Providing & fixing Poly carbonate corrugated sheet 0.8 mm thick as approved by the Engineer in charge and should be supplied in a single length of 12 M or as decide by the Engineer in charge. The sheets shall be fixed using self drilling / self tapping screw of size (5.5x55 mm) with EPDM seal complete upto any pitch in horizontal/ vertical/ curved surface, but excluding the cost of purlins, rafters, trusses, and including cutting to size shapes where ever required.	40.0000	sqm		0.00	INR Zero Only
2	COMPUTER LAB RENOVATION WORK					
2.01	15.7.4 : Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.In cement mortar	4.4900	cum		0.00	INR Zero Only

2.02	15.57 : Dismantling aluminium / Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 metres lead as directed by Engineer - in-Charge	26.8400	sqm		0.00	INR Zero Only
2.03	15.12.1 : Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead:Of area 3 sq. metres and below	1.0000	each		0.00	INR Zero Only
2.04	6.4.2 : 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)	0.2000	cum		0.00	INR Zero Only
2.05	13.1.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 fine sand)	5.0000	sqm		0.00	INR Zero Only
2.06	9.48.1 : Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to steel windows by welding	35.0000	kg		0.00	INR Zero Only

2.07	<p>12.52.1 : Providing and fixing tiled false ceiling of approved materials of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams per sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 mm fixed to ceiling with 12.5mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85x 30x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer -in-charge.GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of GI 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</p>	46.0550	sqm		0.00	INR Zero Only
------	--	---------	-----	--	------	---------------

2.08	21.1.2.1 : 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)Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, Minimum anodic coating of grade AC 15)	32.3410	kg		0.00	INR Zero Only
2.09	21.2.2 : Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS : 12823 Grade I Type II, 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 particle board with decorative lamination on both sides	2.2000	sqm		0.00	INR Zero Only
2.1	21.3.2 : 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 5.50 mm thickness	4.0720	sqm		0.00	INR Zero Only

2.11	21.1.1.1 : 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 portionAnodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, Minimum anodic coating of grade AC 15)	13.2010	kg		0.00	INR Zero Only
2.12	od209696/2022_2023 : Flooring with PVC Vinyl floor sheet 2mm thick fixing with synthetic resin adhesive in correct position after preparing the floor,leveling & smoothening when necessary etc.complete.	46.0550	sqm		0.00	INR Zero Only

2.13	13.98.1 : Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:One or more coats on old work	128.7000	sqm		0.00	INR Zero Only
3	PROVIDING DESK AND BENCH					
3.01	od209690/2022_2023 : Providing wooden desk size 183x44x76cm (govt; approved rubco brand- code 39)- as per the direction of depl; authority.	24.0000	each		0.00	INR Zero Only
3.02	od209691/2022_2023 : Providing wooden bench size 183x40x75cm(govt; appro; Rubco brand code.38) - as per the direction of depl; authorities.	24.0000	each		0.00	INR Zero Only
3.03	od209693/2022_2023 : supplying wooden chair with cushion-66x55x95cm	1.0000	each		0.00	INR Zero Only
3.04	od209694/2022_2023 : supplying semi executive wooden table- (122x76x76cm)	1.0000	each		0.00	INR Zero Only
4	Toilet and other works					
4.01	15.13.1 : Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:Of area 3 sq. metes and below	1.0000	each		0.00	INR Zero Only

4.02	15.7.4 : Demolishing brick work manually / by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge.In cement mortar	0.6000	cum		0.00	INR Zero Only
4.03	9.105.4 : Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with Zinc coating of 120 gms/ (both side inclusive), consisting of floor and ceiling channel 50 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x0.5 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete.66 mm overall thickness partition using 8 mm thick double skin non - asbestos multipurpose cement board reinforced with	7.0000	sqm		0.00	INR Zero Only

4.04	13.4.1 : 12 mm cement plaster of mix:1:4 (1 cement : 4 coarse sand)	1.5000	sqm		0.00	INR Zero Only
4.05	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	1.0000	each		0.00	INR Zero Only
4.06	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	1.0000	each		0.00	INR Zero Only
4.07	50.18.7.3.2 : 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 25 mm dia 10Kg/ cm ² - Internal work- Exposed on wall	15.0000	metre		0.00	INR Zero Only

4.08	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	5.0000	metre		0.00	INR Zero Only
4.09	50.18.8.7.1 : 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. 63 mm pipe 6 Kgf/cm2	3.0000	metre		0.00	INR Zero Only
4.1	50.18.8.9.1 : 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 chased and making good the wall etc. 110 mm pipe 6kgf/cm2	0.5000	metre		0.00	INR Zero Only

4.11	50.18.9.17.1 : Providing and fixing PVC pipes including fixing the pipe with clamps/ clip 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 63 mm dia 6 Kgf/cm2 - External work - Exposed on wall	10.0000	metre		0.00	INR Zero Only
4.12	50.18.9.19.2 : Providing and fixing PVC pipes including fixing the pipe with clamps/clips 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 110 m dia 4 Kgf/cm2 - External work - Exposed on wall	10.0000	metre		0.00	INR Zero Only
4.13	50.18.9.20.1 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Elbow	2.0000	no		0.00	INR Zero Only
4.14	50.18.9.20.2 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement -63 dia 45 degree Elbow	1.0000	no		0.00	INR Zero Only

4.15	50.18.9.20.3 : Providing and fixing PVC moulded fittings /accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 63 mm dia Door Elbow	1.0000	no		0.00	INR Zero Only
4.16	50.18.9.22.3 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement-110 mm dia Door Elbow	1.0000	no		0.00	INR Zero Only
4.17	50.18.9.22.8 : Providing and fixing PVC moulded fittings /accessories for Rigid PVC pipes, including jointing with PVC solvent cement -110 mm dia Vent cowl	1.0000	no		0.00	INR Zero Only
4.18	50.18.9.22.11 : Providing and fixing PVC moulded fittings/accessories for Rigid PVC pipes,including jointing with PVC solvent cement - 110 mm dia Socket/ coupling	1.0000	no		0.00	INR Zero Only
4.19	18.21.2.1 : Providing and fixing uplasticised PVC connection pipe with brass unions:45 cm length15 mm nominal bore	2.0000	each		0.00	INR Zero Only
4.2	18.51.1 : Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.15 mm nominal bore	1.0000	each		0.00	INR Zero Only

4.21	18.53.1 : Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 893115 mm nominal bore	2.0000	each		0.00	INR Zero Only
4.22	17.28.2.1 : Flexible pipe 32 mm dia	1.0000	each		0.00	INR Zero Only
4.23	18.17.1 : Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore	2.0000	each		0.00	INR Zero Only
4.24	11.37A : Providing and fixing 1st quality ceramic glazed floor 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 @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	20.0000	sqm		0.00	INR Zero Only

4.25	10.16.2 : 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 seamless type tubes	25.0000	kg		0.00	INR Zero Only
4.26	18.18.3 : Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete:25 mm nominal bore	1.0000	each		0.00	INR Zero Only
4.27	18.48 : Providing and placing on terrace (at all floor levels) polyethylene water storage tank :ISI 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	300.0000	Litre		0.00	INR Zero Only
4.28	18.75.3 : Providing and fixing PTMT extension nipple for water thank pipe, fittings of approved quality and colour .25 mm nominal bore, weighing not less than 62 gms	1.0000	each		0.00	INR Zero Only

4.29	<p>9.117.1 : Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ± 1 mm), with wall thickness 2.0mm (± 0.2 mm), corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 x 19 mm and 1 mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification and direction of Engineer-in-charge Extruded section profile size 48x40 mm</p>	4.8000	metre		0.00	INR Zero Only
------	---	--------	-------	--	------	---------------

4.3	<p>9.118.3 : Providing and fixing to existing door frames 25 mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762 mm x 25 mm or less as per requirement with an average wall thickness of 1 mm (± 0.3 mm). PVC foam end cap of size 23x10 mm area provided on both vertical edges to ensure the overall thickness of 25 mm. An M.S. tube having dimensions 19 mm x 19 mm and 1.0 mm (± 0.1 mm) is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25 mm x 11 mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufacturer's specification and direction of Engineer-in-charge to take up necessary hardware and fixtures. Stickers indicating the locations of hardware will be pasted at appropriate places.</p>	1.5000	sqm		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only				