

<b>Tender Inviting Authority:</b>				<b>No. 12</b>	
<b>Name of Work: Maintenance and renovation works to the Type II quarters at Main Campus Vellanikkara</b>					
<b>Contract No: Civil Works/</b>					
<b>Bidder Name:</b>		<b>Excess ( + )</b>			<b>%</b>

**SCHEDULE OF WORKS**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	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	40.00	each	221.31	Rupees Two Hundred Twenty One And Paise Thirty One Only	8852.40
2.00	15.2.2 : Demolishing cement concrete manually / by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in-Charge.Nominal concrete 1:4:8 leaner mix ( including equivalent design mix)	16.178	cum	862.44	Rupees Eight Hundred Sixty Two And Paise Forty Four Only	13952.55
3.00	od254/2017_2018 : Chipping and removing old plastering portions carefully without damaging the existing structure and removing &lt;br> the debris within distance of 150 meters.	715.00	sqm	31.40	Rupees Thirty One And Paise Forty Only	22451.00

4.00	50.4.1.1 : Providing and laying in position cement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) up to floor five level excluding the cost of centering, shuttering, finishing for leveling coarse of floor and roof etc.Providing and laying in position cement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) up to floor five level excluding the cost of centering, shuttering, finishing for leveling coarse of floor and roof etc.	15.50	cum	7645.81	Rupees Seven Thousand Six Hundred Forty Five And Paise Eighty One Only	118510.06
5.00	od241/2017_2018 : Carpenter engaged for repairing the existing door and windows	35.00	each	793.04	Rupees Seven Hundred Ninety Three And Paise Four Only	27756.40
6.00	od242/2017_2018 : Man mazdoor engaged for assisting carpenter	35.00	each	599.28	Rupees Five Hundred Ninety Nine And Paise Twenty Eight Only	20974.80
7.00	od245/2017_2018 : Beldar engaged for cleaning the manhole, sewer line etc	15.00	each	599.28	Rupees Five Hundred Ninety Nine And Paise Twenty Eight Only	8989.20
8.00	13.7.2 : 12 mm cement plaster finished with a floating coat of neat cement of mix:1:4 ( 1 cement : 4 fine sand)	35.00	sqm	300.31	Rupees Three Hundred And Paise Thirty One Only	10510.85
9.00	13.16.1 : 6 mm cement plaster of mix:1:3 ( 1 cement : 3 fine sand)	50.00	sqm	201.61	Rupees Two Hundred One And Paise Sixty One Only	10080.50
10.00	11.40 : Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer) of Ist quality conforming to IS: 15622 of approved make in all colours, shades, except white, Ivory, Grey Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.	210.00	sqm	1263.27	Rupees One Thousand Two Hundred Sixty Three And Paise Twenty Seven Only	265286.70

11.00	11.36 : Providing and fixing I st 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.	715.00	sqm	1044.21	Rupees One Thousand Forty Four And Paise Twenty One Only	746610.15
12.00	9.117.1 : Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance $\pm 1$ mm), with wall thickness 2.0mm ( $\pm 0.2$ 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 ( $\pm 0.1$ 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	180.00	metre	303.95	Rupees Three Hundred Three And Paise Ninety Five Only	54711.00
13.00	od244/2017_2018 : Supplying and fixing approved quality single paneled ready made solid PVC door frame with shutters to suit the openings including all cost of materials and labour charges for fabricating and fixing in position but excluding cost of furniture fittings etc. complete	52.00	sqm	2875.08	Rupees Two Thousand Eight Hundred Seventy Five And Paise Eight Only	149504.16
14.00	9.100.1 : Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete: 125 mm	45.00	no	71.64	Rupees Seventy One And Paise Sixty Four Only	3223.80
15.00	50.9.15.1 : Supplying and fixing 200 mm Aluminium aldrop	90.00	no	171.27	Rupees One Hundred Seventy One And Paise Twenty Seven Only	15414.30

16.00	9.70.2 : Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete:100x58x1.90 mm	200.00	no	80.90	Rupees Eighty And Paise Ninety Only	16180.00
17.00	od264/2017_2018 : Providing and fixing powder coated aluminium snap beading section(Jindal section no 4407) for doors, windows, ventilators as per the directions of Engineer-in-charge	20.00	metre	72.34	Rupees Seventy Two And Paise Thirty Four Only	1446.80
18.00	od263/2017_2018 : Supplying best quality 4 mm float glass panels in the existing wooden or steel frame work	8.00	sqm	520.00	Rupees Five Hundred Twenty Only	4160.00
19.00	od260/2017_2018 : Providing and fixing SS hooks and eyes:60 mm or nearest size	40.00	each	15.10	Rupees Fifteen And Paise Ten Only	604.00
20.00	od240/2017_2018 : White cement priming coat over newly plastered surface and cleaning the surface	50.00	sqm	16.26	Rupees Sixteen And Paise Twenty Six Only	813.00
21.00	od255/2017_2018 : Providing bracket for kitchen sink by using MS angle including cutting, fixing in position and applying a priming coat of approved steel primer and synthetic enamel (two coat) all complete.	70.00	each	411.56	Rupees Four Hundred Eleven And Paise Fifty Six Only	28809.20
22.00	od258/2017_2018 : Supplying and providing ready made steel door of best quality with door frame of hot rolled steel plated with double headed mortice lock powder coated all round with specified colour with cover frame of stainless steel sleeve welding with honey comb paper filled in between the 0.60mm to 1mm thick steel sheet includes stainless steel hinges, door sill etc complete. as per the direction of Deptl Officers.	5.00	each	19513.20	Rupees Nineteen Thousand Five Hundred Thirteen And Paise Twenty Only	97566.00
23.00	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 /cm <sup>2</sup>	305.00	metre	317.93	Rupees Three Hundred Seventeen And Paise Ninety Three Only	96968.65

24.00	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	170.00	metre	440.33	Rupees Four Hundred Forty And Paise Thirty Three Only	74856.10
25.00	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	60.00	metre	596.43	Rupees Five Hundred Ninety Six And Paise Forty Three Only	35785.80
26.00	50.18.9.7.2 : Providing and fixing PVC pipes includings jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.63 mm dia 4 Kgf/cm2	160.00	metre	239.71	Rupees Two Hundred Thirty Nine And Paise Seventy One Only	38353.60
27.00	50.18.9.9.2 : Providing and fixing PVC pipes includes joints of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in CHarge. 110 mm dia 4 Kg/cm2	60.00	metre	390.67	Rupees Three Hundred Ninety And Paise Sixty Seven Only	23440.20
28.00	50.18.9.22.1 : Providing and fixing PVC moulded fittings/ accessories for Rigid PVC pipes, including jointing with PVC solvent cement - 110 mm dia Elbow	68.00	no	103.12	Rupees One Hundred Three And Paise Twelve Only	7012.16
29.00	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	68.00	no	127.52	Rupees One Hundred Twenty Seven And Paise Fifty Two Only	8671.36
30.00	od243/2017_2018 : Supplying and fixing 110mm three way PVC floor trap with gratings best quality	80.00	each	298.50	Rupees Two Hundred Ninety Eight And Paise Fifty Only	23880.00
31.00	od252/2017_2018 : Providing and fixing PVC tap best quality	230.00	each	143.74	Rupees One Hundred Forty Three And Paise Seventy Four Only	33060.20

32.00	17.1.1 : Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm Sand Cast Iron P or S trap, 10 litter low level white P.V.C.flushing cistern, including flush pipe, 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 require:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	68.00	each	4898.87	Rupees Four Thousand Eight Hundred Ninety Eight And Paise Eighty Seven Only	333123.16
33.00	17.10.2.3 : Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required:Kitchen sink without drain board470x420 mm bowl depth 178 mm	70.00	each	2820.82	Rupees Two Thousand Eight Hundred Twenty And Paise Eighty Two Only	197457.40
Total Estimated Cost in Figures						<b>2499015.50</b>
Quoted Amount					<b>2499015.50</b>	<b>2499015.00</b>
Quoted Rate in Words		<b>Rupees Twenty Four Lakh(s) Ninety Nine Thousand Fifteen Only</b>				

**DIRECTOR OF PHYSICAL PLANT(i/c)**