

SCHEDULE OF QUANTITY

Name of Work:- A/R and M/O Residential Quarters of Customs and Central Excise at E. M. Bye Pass, Kasba, Kolkata. During 2026-2027. SH: - Day to Day maintenance of plumbing work, masonry work, carpentry work, sanitary installation, water supply and miscellaneous work for 318 Nos. Type -I, II, III, IV, V and VI quarters.

Sl. No	Description	Quantity	Unit	Rate	Amount	DSR-23,PCS-17 & MR
1	WOOD AND P. V. C. WORK					9
1.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:					9.21
1.1.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	10.00	sqm	2392.65	₹ 23,927.00	9.21.1
1.2	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets :					9.47
1.2.1	20 mm dia (heavy type)	50.00	metre	175.00	₹ 8,750.00	9.47.1
1.3	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :					9.96
1.3.1	250x16 mm	5.00	each	260.60	₹ 1,303.00	9.96.2
1.4	Providing and fixing aluminium tower bolts, 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 :					9.97
1.4.1	250x10 mm	5.00	each	115.15	₹ 576.00	9.97.2
1.4.2	150x10 mm	5.00	each	82.55	₹ 413.00	9.97.4
1.5	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 :					9.100
1.5.1	100 mm	5.00	each	59.55	₹ 298.00	9.100.2
1.5.2	75 mm	5.00	each	51.75	₹ 259.00	9.100.3
1.6	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.					9.101
1.6.1	Single rubber stopper	5.00	each	39.60	₹ 198.00	9.101.1
1.7	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer- in-Charge.	15.00	metre	492.70	₹ 7,391.00	9.119

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1.8	Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing.					9.12
1.8.1	30 mm thick plain PVC door shutters	5.00	sqm	3182.95	₹ 15,915.00	9.120.1
	Sub-Total				₹ 59,030.00	
2	FINISHING					13
2.1	12 mm cement plaster of mix:					13.1
2.1.1	1:6(1 cement: 6 fine sand)	50.00	sqm	333.35	₹ 16,668.00	13.1.2
2.2	6 mm cement plaster of mix:					13.16
2.2.1	1:3(1 cement :3 fine sand)	25.00	sqm	300.45	₹ 7,511.00	13.16.1
2.3	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour:					13.41
2.3.1	New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	1200.00	sqm	185.65	₹ 2,22,780.00	13.41.1
2.4	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	50.00	sqm	156.05	₹ 7,803.00	13.80
2.5	Distempering with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and manufacturer including applying additional coats wherever required to achieve even shade and colour					13.81
2.5.1	Old work (one or more coats)	1000.00	sqm	62.70	₹ 62,700.00	13.81.1
2.6	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:					13.99
2.6.1	One or more coats on old work	500.00	sqm	102.80	₹ 51,400.00	13.99.1
	Sub-Total				₹ 3,68,862.00	

Sl. No	Description	Quantity	Unit	Rate	Amount	DSR-23,PCS-17 & MR
3	REPAIRS TO BUILDING					14
3.1	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:					14.5
3.1.1	Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	50.00	sqm	1090.65	₹ 54,533.00	14.5.1
3.2	Renewal of old putty of glass panes (length)	50.00	metre	56.15	₹ 2,808.00	14.9
3.3	Refixing old glass panes with putty and nails	20.00	sqm	729.85	₹ 14,597.00	14.1
	Sub-Total				₹ 71,938.00	
4	Dismantling and Demolishing					15
4.1	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	100.00	sqm	54.65	₹ 5,465.00	15.56
	Sub-Total				₹ 5,465.00	
5	SANITARY INSTALLATIONS					17
5.1	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 :					17.10
5.1.1	Kitchen sink with drain board					17.10.1
5.1.1.1	510x1040 mm bowl depth 225 mm	2.00	each	7514.65	₹ 15,029.00	17.10.1.2
5.1.2	Kitchen sink without drain board					17.10.2
5.1.2.1	610x510 mm bowl depth 200 mm	2.00	each	4940.80	₹ 9,882.00	17.10.2.1
5.2	Providing and fixing white vitreous china water closet squatting pan (Indian type) :					17.13
5.2.1	Orissa pattern W.C. pan of size 580x440 mm	2.00	each	3169.05	₹ 6,338.00	17.13.2
5.3	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	2.00	each	2784.95	₹ 5,570.00	17.15
5.4	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.					17.18
5.4.1	10 litre capacity - White	5.00	each	1190.65	₹ 5,953.00	17.18.1
5.5	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :					17.20
5.5.1	White solid plastic seat with lid	5.00	each	684.85	₹ 3,424.00	17.20.1
5.6	Providing and fixing white vitreous china wash basin including making all connections but excluding the cost of fittings :					17.25
5.6.1	Flat back wash basin of size 550x400 mm	2.00	each	992.60	₹ 1,985.00	17.25.2
5.7	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					17.28
5.7.1	Flexible pipe					17.28.2
5.7.1.1	32 mm dia	25.00	each	119.55	₹ 2,989.00	17.28.2.1
5.7.1.2	40 mm dia	10.00	each	119.55	₹ 1,196.00	17.28.2.2

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5.8	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.					17.73
5.8.1	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	10.00	each	708.95	₹ 7,090.00	17.73.2
	Sub-Total				₹ 59,456.00	
6	WATER SUPPLY					18
6.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall					18.7
6.1.1	20 mm nominal dia Pipes	150.00	metre	335.00	₹ 50,250.00	18.7.2
6.1.2	25 mm nominal dia Pipes	120.00	metre	401.55	₹ 48,186.00	18.7.3
6.1.3	40 mm nominal dia Pipes	50.00	metre	702.95	₹ 35,148.00	18.7.5
6.2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					18.17
6.2.1	40 mm nominal bore	4.00	each	826.10	₹ 3,304.00	18.17.3
6.3	Providing and fixing PTMT bib cock of approved quality and colour.					18.54
6.3.1	15 mm nominal bore, 86 mm long, weighing not less than 88 gms	30.00	each	125.60	₹ 3,768.00	18.54.1
6.4	Providing and fixing PTMT stop cock of approved quality and colour.					18.55
6.4.1	15 mm nominal bore, 86 mm long, weighing not less than 88 gms	20.00	each	118.50	₹ 2,370.00	18.55.1
6.5	Providing and fixing PTMT pillar cock of approved quality and colour.					18.56
6.5.1	15 mm nominal bore, 107 mm long, weighing not less than 110 gms	20.00	each	208.45	₹ 4,169.00	18.56.1
6.6	Providing and fixing PTMT grating of approved quality and colour.					18.58
6.6.1	Circular type					18.58.1
6.6.1.1	100 mm nominal dia	10.00	each	37.60	₹ 376.00	18.58.1.1
6.7	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.					18.62
6.7.1	40 mm nominal bore, 206 mm long, weighing not less than 690 gms	10.00	each	737.20	₹ 7,372.00	18.62.4
6.8	Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms	5.00	each	121.40	₹ 607.00	18.64
6.9	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour.					18.74
6.9.1	15 mm nominal bore with 45 cm length	10.00	each	121.90	₹ 1,219.00	18.74.2
	Sub-Total				₹ 1,56,769.00	
	Total				₹ 7,21,520.00	
	Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973 on	₹ 7,21,520.00			₹ 7,02,039.00	
	Add Cost Index @23% on	₹ 7,02,039.00			₹ 1,61,469.00	

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	Total				₹ 8,63,508.00	
7	NON-SCHEDULE ITEMS					
7.1	Labour for dismantling G.I. pipe with fittings					PCS-17,Vol-II,It.No.-b1,P-24
7.1.1	(ii)20 mm dia nominal bore	150.00	metre	7.15	₹ 1,073.00	(II)
7.1.2	(iii)25 mm dia nominal bore	120.00	metre	7.15	₹ 858.00	(III)
7.1.3	(v)40 mm dia nominal bore	50.00	metre	9.55	₹ 478.00	(V)
7.2	Supplying,fitting and fixing 32 mm dia. Flush Pipe of approved make with necessary fixing materials and clamps complete.					PCS-17,Vol-II,It.No.-11(i),P-81
7.2.1	(i) Polythene Flush Pipe	10.00	each	184.75	₹ 1,848.00	
7.3	Renewing hinge of steel shutter including taking out old one by cutting and fixing new hinges by welding and mending good damages complete.	100.00	each	226.45	₹ 22,645.00	PCS-17,Vol-I,It.No.-28,P-113
7.4	Easing, oiling and adjusting the steel shutters including scraping all members and fitting so as to make the shutters easily operable (no extra payment will be made for taking out and fixing glass, if necessary). (Each means a pair of shutter in a frame)	50.00	Pair	50.05	₹ 2,503.00	PCS-17,Vol-I,It.No.-24,P-113
7.5	Dismantling wash basin with brackets with or without waste fittings.	15.00	each	41.70	₹ 626.00	PCS-17,Vol-II,It.No.-b1,P-46
7.6	Dismantling wash basin with brackets with or without waste fittings.					PCS-17,Vol-II,It.No.-b1,P-46
7.6.1	Above 450 mm and upto 600 mm length.	16.00	each	41.70	₹ 667.00	
7.7	Supplying, fitting and fixing low-down cistern parts.					PCS-17,Vol-II,It.No.-b1(i),P-38
7.7.1	(i) Internal fittings for cistern complete of approved make as per direction of Engineer-in-Charge.	60.00	each set	338.45	₹ 20,307.00	
7.8	Dismantling Orissa pattern W.C. including taking out of base concrete, if necessary, complete.	6.00	each	53.63	₹ 322.00	PCS-17,Vol-II,It.No.-6,P-85
7.9	Renewing steel plated or oxidised casement stay or peg stay of steel window frames including painting two coats with approved paint complete.	60.00	each	83.45	₹ 5,007.00	PCS-17,Vol-I,It.No.-21,P-113
7.1	Renewing one point steel (oxidised) handle of steel door and windows as directed including painting complete.	60.00	each	72.70	₹ 4,362.00	PCS-17,Vol-I,It.No.-26,P-113
7.11	Attending the various complaints in the plumbing work like as leakage through bib cock , stop cock ,flush cistern ,waste pipe , removal of the chokage etc in the residential building of the campus as per direction of the Engineer -in-charge.	100.00	Per Job	181.55	₹ 18,155.00	Market Rate
7.152	Deduct for dismantling materials taking away form site & cleaning the site as per the direction of the Engineer-in-charge (Dismantling materials shall be property of the contractor for which credit shall be given to the Department).					
7.12.1	aluminium sliding door bolts -250X16 mm	5.00	each	-31.46	-₹ 157.00	Market Rate

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7.12.2	aluminium tower bolts-250X10 mm	10.00	each	-12.22	-₹ 122.00	Market Rate
7.12.3	aluminium tower bolts-150X10 mm	10.00	each	-7.74	-₹ 77.00	Market Rate
7.12.4	aluminium handles-125 mm	10.00	each	-8.11	-₹ 81.00	Market Rate
7.12.5	aluminium hanging floor door stopper (twin)	5.00	each	-10.65	-₹ 53.00	Market Rate
7.12.6	S.S Kitchen sink without drain board	2.00	each	-568.70	-₹ 1,137.00	Market Rate
7.12.7	S.S Kitchen sink with drain board	2.00	each	-871.20	-₹ 1,742.00	Market Rate
7.12.8	gun metal gate valve-40 mm	4.00	each	-133.10	-₹ 532.00	Market Rate
7.12.9	20 mm nominal G.I Pipe	150.00	metre	-33.64	-₹ 5,046.00	Market Rate
7.12.9	25 mm nominal G.I Pipe	120.00	metre	-47.67	-₹ 5,720.00	Market Rate
7.12.10	40 mm nominal G.I Pipe	50.00	metre	-70.18	-₹ 3,509.00	Market Rate
	Total				₹ 9,24,183.00	

Executive Engineer
KCD-IV,CPWD,Kol-20