

BOQ FOR INTERIORS AND ALLIED WORKS FOR PROPOSED DRT PREMISES IN 4TH FLOOR BSNL BUILDING, 4TH FLOOR, RAJ BHAVAN ROAD-BANGALORE.					
Sl. No.	Particulars of item	Quantity	Unit	Rate	Amount
	<b>INTERIOR WORKS</b>				
1	<b>Full Height partition with partly glazed panel (with door/sliding door)</b> Providing fixing full ht. Partitions with doors /sliding doors made out of 50mmX50mm jindal aluminium section of 1.5 mm thick at every 4x4' grid with 6mm ply all using MR Grade commercial plywood confirming to IS 303 -1989 on both side and finished with 1.00 mm thick laminate on both sides finished with approved colours as per design. Aluminium frames firmly fixed to beams, floors, side walls as directed and whichever is applicable.The bottom side of partition finished with 4" deep with dark colour laminate with following specifications. The glass edges fixed to partition with teak wood beading, All doors to be made out of 32mm block board.All complete as per design and standard specifications.				
A	Do same as item No.1 (A) but without glass panel solid partition.to use 50mm thk rock wool inbetween the partitions for sound insulation for the court rooms only	1300	SFT		
B	Do same as item No.1 but without glass panel solid partition.	9800	SFT		
C	<b>PARTLY GLAZED PARTITION</b> -Do as above in item No.1 full height partition for, Dining cabin with Aluminium frames section with 8 mm thick glass panels fixed between 1' and 70" level and finished with 1.00 mm thk.The edges to be finished with 19mm thk TW beading polished, approved colour laminate on both sides complete as per standard specification.	1400	SFT		
2	<b>MEDIUM HEIGHT PARTITIONS WITH DOOR AND GLASS PANEL:</b> Providing and fixing 5'0" ht. Partitions made out of 50mmX50mm jindal aluminium section of 1.5 mm thick. horizontal sections (3 Nos) at Zero level, 10" level and 26" level, vertical frames shall be at every 30" interval.The frame work shall be covered with 6mm ply on both side , all using MR Grade commercial plywood confirming to IS 303 -1989 and finished with 1mm thick laminate of approved colour leaving nail groove/beading as per design. The top trim is made out of 4"x1/2" thick beech wood with groove as per instructions of architect. All the edges to be finished with TW beading polished.The plain glass panel of 8mm thick and 12" height to be fixed to medium height partitions, As per the design 8mm thk notice board of white glass marker board needs to be introduced in every department of size 3'x1' fixed with glass screws.All complete as per design and standard specifications.	665	SFT		
3	<b>PANELING WITH LAMINATE FINISH:</b> Providing & Fixing panelling to columns / walls using 12mm thick all using MR Grade commercial plywood confirming to IS 303 -1989 firmly screwed to the base and in case there is a need to use 50x50x1.5mm aluminium sections to get the line and level it must be used. All exposed surfaces of the panel shall be finished with approved color 1.00mm thk laminate fixed using FEVICOL (SH) adhesive only.The exposed edges shall be provided with ready made TW beading of 19mm size and polished. (For bank hall area upto false ceiling level the supports needs to go upto the ceiling). All complete as per Design and standard specifications.	3150	SFT		

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4	<b>Low height Storage Units :</b> Fabricating and providing storage units/side runners of size 20'0" length, 1'6" wide, 2'6" height side runners all using MR Grade commercial plywood confirming to IS 303 -1989. Runner top, verticals, bottom and centre shelf should be fabricated using 19mm ply, back with 19mm ply and front side shutter with 19mm ply. The shutter with 19mm thk. ply fixed with the help of hinges with two godrej locks. The runner top & all the exposed vertical surfaces shall be finished with 1.00mm thick laminate of approved colour and make. Inner surface should be finished with 0.8mm laminate. All exposed edges of plywood should be fixed with 6mm thk. TW beading and polished. All complete as design and as per standard specifications.	900	SFT		
5	Do same as item No.6 but for full height storage for a height of 7'0" and 2' wide or till the false ceiling bottom.All complete as per standard specifications.	2800	SFT		
6	<b>Vertical Blinds:</b> Providing and fixing window dressing with 4" wide vertical blinds with acrylic runners and powder coated tracks, installation bracket, spacers, carriers, Tilt Rod, Control unit, Head rail etc. complete.All complete as per standard specifications.	755	SFT		
7	<b>Notice Board:</b> Providing notice board with pin up board covered with tapestry cloth 4'-0" x 3'-0" using 19 mm ply and finished with 1.00mm thick Laminate with approved colour and shade as per instructions.All complete as per standard specifications.	15.00	NOS		
8	<b>Side Table for Sofa:</b> Providing and placing side table formed of 19 mm ply board box all using MR Grade commercial plywood confirming to IS 303 -1989 with place for magazines finished with 1mm thick laminate leaving neat nail groove and teak/beech wood beading and all exposed corner edges finished with teak/beech wood mould, all teak/beech wood surfaces shall be duly stained, polished and top should be fixed with 12mm thick tinted glass as per instructions of architect. The size will be 2'0"x2'0".The internal surfaces to be finished with 0.8mm laminates.All complete as per standard specifications.	6.00	NOS		
9	<b>Main Entrance Door:</b> Providing and fixing fully glazed shutter door comprising of 4'x2" size first quality teak wood section for all-round shutter frame and 10mm thk plain float glass shutter of saint gobain or modi float make for shutter panel. The door should be provided with dorma make floor springs (2Nos), SS pivots as hinges at top and first quality decorative SS handles. The glass portion should be covered with frosted film as per approved design by architect. Door should be provided with brass tower bolts, godrej make cylindrical lock. The wooden portion should be melamine polished. Necessary provision should be made for fixing the cylindrical lock in the frame. Size of Door including side Glass panel :10'0"x8'0". All complete as per design and standard specifications.	375	SFT		

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10	<b>Gypsum Board Plain False Ceiling:</b> Providing and fixing plain type gypsum board false ceiling using standard GI sections at every 1.2mm c/c in main direction and 0.6mm c/c in the cross direction and 12mm thick plain gypsum board of India Gypsum make / Armstrong. The grid shall be suspended by using 6mm M.S.rods, hook, anchor fasteners. The ceiling shall be finished with 2 coats of plastic emulsion paint over a coat of primer. No extra payment shall be made for making openings in the panels/grid for the purpose of light fittings. Item rate shall include all, transportation, erection, loading & unloading and any other incidental expenditure that may be required to be spent in completing the work in totality as per above specifications. All complete as per design and standard specifications.	8600	SFT		
11	<b>Grid False Ceiling:</b> Providing, fabricating, erecting lay-in type tegular/ drop type Mineral fiber board false Ceiling of 600mm x 600mm grid with approved brands of ARMSTRONG/NITTOBO. The item shall include the cost of additional Tee or L supports & other accessories near the ends/odd size edges/corners. Providing additional length support from ceiling to the false ceiling grid wherever necessary, making necessary openings for electrical light fittings, fire alarm detectors and any other fixtures. No extra payment shall be made for making openings in the panels/grid for the purpose of light fittings. Item rate shall include all the taxes, transportation, erection, loading & unloading and any other incidental expenditure that may be required to be spent in completing the work in totality as per above specifications. All complete as per design and standard specifications.	4600.00	SFT		
12	<b>COURT TABLE U SHAPED LEFT SIDE:</b> 32' x 2' 0" x 2' 6", Formed of 19 mm. th. marine plyboard with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beeche wood moulding 1-1/2"x3/4", duly stained, polished and melaminated, and the top to have 1.5 mm. th. laminate of approved shade and colour including external surfaces finished with 1 mm. th. laminate, internal surfaces to be finished with .8mm laminate, with foot rest etc' all complete as per the Architects design The top of the court table to be provided with pop up boxes for switches etc. All complete as per design and standard specifications.	90.00	SFT		
13	<b>COURT TABLE U SHAPED RIGHT SIDE:</b> 32' x 2' 0" x 2' 6", Formed of 19 mm. th. marine plyboard with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beeche wood moulding 1-1/2"x3/4", duly stained, polished and melaminated, and the top to have 1.5 mm. th. laminate of approved shade and colour including external surfaces finished with 1 mm. th. laminate, internal surfaces to be finished with .8mm laminate, with foot rest etc' all complete as per the Architects design The top of the court table to be provided with pop up boxes for switches etc. All complete as per design and standard specifications.	90.00	SFT		
14	<b>COURT STAND U SHAPED:</b> 12' length and 3' height with a thk of 4" left side. Providing and fixing 30' ht. Partitions made out of 50mmX50mm jindal aluminium section of 1.5 mm thick. horizontal sections (3 Nos) at Zero level, 10' level and 26' level, vertical frames shall be at every 30' interval. The frame work shall be covered with 12mm ply on both side, all using MR Grade commercial plywood conforming to IS 303 -1989 and finished with 1mm thick laminate of approved colour leaving nail groove/beading as per design. The top trim is made out of 4"x1/2" thick beech wood with groove as per instructions of architect. The base of the court stand to be formed out of 25mm thk plywood raised from the ground level by 6" with all the necessary supports to take the load of the person standing on the raised platform the raised platform to be finished with matt non slip laminate... All the edges to be finished with TW beading polished, .All complete as per design and standard specifications.	72.00	SFT		
15	<b>COURT STAND U SHAPED:</b> 12' length and 3' height with a thk of 4" RIGHT side. Providing and fixing 30' ht. Partitions made out of 50mmX50mm jindal aluminium section of 1.5 mm thick. horizontal sections (3 Nos) at Zero level, 10' level and 26' level, vertical frames shall be at every 30' interval. The frame work shall be covered with 12mm ply on both side, all using MR Grade commercial plywood conforming to IS 303 -1989 and finished with 1mm thick laminate of approved colour leaving nail groove/beading as per design. The top trim is made out of 4"x1/2" thick beech wood with groove as per instructions of architect. The base of the court stand to be formed out of 25mm thk plywood raised from the ground level by 6" with all the necessary supports to take the load of the person standing on the raised platform the raised platform to be finished with matt non slip laminate... All the edges to be finished with TW beading polished, .All complete as per design and standard specifications.	72.00	SFT		
16	<b>LAMINATED WORKTOP COUNTER (Court Table) OF VARIABLE LENGTH left side-</b> Providing and fixing 18' wide X 26' deep and 26' high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beeche wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46' or each officer to have 2 numbers of 13' wide X 20' deep X 26' high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plyboard finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	45.00	RFT		
17	<b>LAMINATED WORKTOP COUNTER (Court Table) OF VARIABLE LENGTH right side-</b> Providing and fixing 18' wide X 26' deep and 26' high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beeche wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46' or each officer to have 2 numbers of 13' wide X 20' deep X 26' high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plyboard finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	45.00	RFT		

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Sl. No.	Particulars of item	Quantity	Unit	Rate	Amount
18	RECOVERY OFFICER TABLES LEFT SIDE: 6' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm th. laminate of approved shade and colour including a 13" wide x 20" deep x 26" high storage unit with 3 draws run on sliding channels, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design. All complete as per design and standard specifications.	2.00	Nos.		
19	RECOVERY OFFICER TABLES RIGHT SIDE: 6' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm th. laminate of approved shade and colour including a 13" wide x 20" deep x 26" high storage unit with 3 draws run on sliding channels, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design. All complete as per design and standard specifications.	2.00	Nos.		
20	COURT TABLES LEFT SIDE: 5' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. marine plyboard with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm th. laminate of approved shade and colour including a 13" wide x 20" deep x 26" high storage unit with 3 draws run on sliding channels, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design. All complete as per standard specifications.	2.00	Nos.		
21	COURT TABLES RIGHT SIDE: 5' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. marine plyboard with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm th. laminate of approved shade and colour including a 13" wide x 20" deep x 26" high storage unit with 3 draws run on sliding channels, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design. All complete as per standard specifications.	2.00	Nos.		
22	WS TABLES LEFT SIDE: 5' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including a 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design.All complete as per standard specifications.	4.00	Nos.		
23	WS TABLES RIGHT SIDE: 5' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including a 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design.All complete as per standard specifications.	4.00	Nos.		
24	PRESIDING OFFICER TABLE LEFT SIDE: 7' 0" x 3' x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including 2 NUMBERS OF 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers. All complete as per the Architects design. All complete as per design and standard specifications.	1.00	Nos.		
25	PRESIDING OFFICER TABLE RIGHT SIDE: 7' 0" x 3' x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including 2 NUMBERS OF 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers. All complete as per the Architects design. All complete as per design and standard specifications.	1.00	Nos.		

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Sl. No.	Particulars of item	Quantity	Unit	Rate	Amount
26	<b>STENO TABLES OF VARIABLE LENGTH LEFT SIDE:</b> Providing and fixing 5' wide X 20" deep and 26" high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46" or each officer to have 1 numbers of 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plywood finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	15.00	RFT		
27	<b>STENO TABLES OF VARIABLE LENGTH RIGHT SIDE:</b> Providing and fixing 5' wide X 20" deep and 26" high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46" or each officer to have 1 numbers of 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plywood finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	15.00	RFT		
28	<b>ASSISTANT REGISTRAR TABLE LEFT SIDE:</b> 6' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including A number of 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design.All complete as per standard specifications.	1.00	Nos.		
29	<b>ASSISTANT REGISTRAR TABLE RIGHT SIDE:</b> 6' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including A number of 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design.All complete as per standard specifications.	1.00	Nos.		
30	<b>SECRETARY TABLES LEFT SIDE:</b> 5' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including A number of 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design.All complete as per standard specifications.	1.00	Nos.		
31	<b>SECRETARY TABLES RIGHT SIDE:</b> 5' 0" x 2' 6" x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including A number of 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate, with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers all complete as per the Architects design.All complete as per standard specifications.	1.00	Nos.		
32	<b>REGISTRAR TABLE LEFT SIDE:</b> 7' 0" x 3' x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including 2 NUMBERS OF 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers. All complete as per the Architects design. All complete as per design and standard specifications.	1.00	Nos.		
33	<b>REGISTRAR TABLE RIGHT SIDE:</b> 7' 0" x 3' x 2' 6", Formed of 19 mm. th. all using MR Grade commercial plywood confirming to IS 303 -1989 with modesty panel, the front/back and sides of the worktop to be thickened to 1-1/2" and covered with teak / beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm . th . laminate of approved shade and colour including 2 NUMBERS OF 16" wide x 20" deep x 26" high storage unit with 2 draws run on sliding channels,with cpu rack space, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm laminate with foot rest, the top of the table to be provided with 8mm clear glass, with necessary hardware like brass hinges, drawer slides, locks and handles for all drawers. All complete as per the Architects design. All complete as per design and standard specifications.	1.00	Nos.		

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Sl. No.	Particulars of Item	Quantity	Unit	Rate	Amount
34	<b>LAMINATED WORKTOP COUNTER FOR WORK STATIONS OF VARIABLE LENGTH LEFT SIDE-</b> Providing and fixing 18" wide X 26" deep and 26" high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46" or each officer to have 2 numbers of 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plyboard finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	72.25	RFT		
35	<b>LAMINATED WORKTOP COUNTER FOR WORK STATIONS OF VARIABLE LENGTH RIGHT SIDE-</b> Providing and fixing 18" wide X 26" deep and 26" high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46" or each officer to have 2 numbers of 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plyboard finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	72.25	RFT		
36	<b>LAMINATED WORKTOP COUNTER FOR REC / FILLING OF VARIABLE LENGTH LEFT SIDE-</b> Providing and fixing 18" wide X 26" deep and 26" high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46" or each officer to have 2 numbers of 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plyboard finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	9.00	RFT		
37	<b>LAMINATED WORKTOP COUNTER FOR REC / FILLING OF VARIABLE LENGTH RIGHT SIDE-</b> Providing and fixing 18" wide X 26" deep and 26" high work top counter formed of 19 mm. th. Marine grade plywood, having support on side partition with front modesty panel, the front / back of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour, Each length of 46" or each officer to have 2 numbers of 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels with partitions for keeping files, all external surfaces of the plyboard finished with 1 mm. th. laminate, internal surfaces to be finished with 0.8mm thk laminate, the table to be supported by 50mm thk laminated ply supports at an interval of 6'. etc. complete, as per Architects instructions.	9.00	RFT		
38	<b>SECTION OFFICER TABLE CLUSTER LEFT SIDE:</b> 5' 0" x 5' 0" x 2' 6" 2" depth, Formed of 19 mm. th. marine plyboard with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour including a 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm thk laminate, the tables to be made in modular style such that it can be moved and the entire table to be mounted on pvc bush 1/2" high, all complete as per the Architects design.	1.00	NOS		
39	<b>SECTION OFFICER TABLE CLUSTER RIGHT SIDE:</b> 5' 0" x 5' 0" x 2' 6" 2" depth, Formed of 19 mm. th. marine plyboard with modesty panel, the front / back and sides of the worktop to be thickened to 1-1/2" and covered with teak/beech wood moulding 1-1/2" x 3/4", duly stained, polished and melaminated, and the top to have 1 mm. th. laminate of approved shade and colour including a 13" wide X 20" deep X 26" high storage unit with 3 draws run on sliding channels, external surfaces finished with 1 mm. th. laminate, internal, surfaces to be finished with 0.8mm thk laminate, the tables to be made in modular style such that it can be moved and the entire table to be mounted on pvc bush 1/2" high, all complete as per the Architects design.	1.00	NOS		
40	<b>UPS CABIN PARTITION INCLUDING LOUVER DOOR WITH INSIDE FIRE PROOF V-BOARD CLADDING</b> Providing and fixing full height partly glazed partition made out of 50mmX50mm jindal aluminium section of 1.2 mm thick frame work horizontal @ 4 / 5 equal distance and verticle with 26" equal distance interv of Storage Room. The frame work shall be covered with 12mm bison board on the inside which needs to be finished with birla white putty and 2 coats of emulsion paint and the outside with 8mm thk plywood BWR grade / all exposed outer sides finished with 1.00mm thick approved colour laminate leaving nail groove / beading as per design. All exposed edges to be 4"x1/2" thick teak wood beading polished.All complete as per standard secifications.	300.00	sft		
41	<b>DINING COUNTER 2' WIDE LEFT SIDE :</b> Providing and fixing 20mm thick highly polished black granite with bull nosing supported on 19mm thick BWR grade ply wood frame with joints finished properly with silicon gel sealent, with all necessary supports as per instructions of Architect. All complete as per design and standard specifications.	18.00	RFT		
42	<b>DINING COUNTER 2' WIDE RIGHT SIDE :</b> Providing and fixing 20mm thick highly polished black granite with bull nosing supported on 19mm thick BWR grade ply wood frame with joints finished properly with silicon gel sealent, with all necessary supports as per instructions of Architect. All complete as per design and standard specifications.	18.00	RFT		

BOQ FOR INTERIORS AND ALLIED WORKS FOR PROPOSED DRT PREMISES IN 4TH FLOOR BSNL BUILDING, 4TH FLOOR, RAJ BHAVAN ROAD-BANGALORE.					
Sl. No.	Particulars of item	Quantity	Unit	Rate	Amount
43	STAND FOR KEEPING WATER FILTER : Providing MS stand for keeping water filter of aprox. 25 ltrs capacity. With enamel paint and steel primer finish etc. complete.All complete as per standard specifications.	6.00	LUMPSUM		
44	Exhaust Fan Frame: Providing & fixing 18mm th. all using MR Grade commercial plywood conforming to IS 303 -1989 for exhaust fan with 1 1/2" x 1 1/2" C.P.T wooden frame with necessary net bolts, 3 coats of enamel paint including round cut out for exhaust fans per instruction of architect .All complete as per standard specifications.	14.00	Nos.		
45	Vinyl stickers: For glass partitions	1000.00	SQ.FT		
46	6" HIGH WOODEN RAISED PLATFORM 32mm thk LEFT SIDE COURT:- Providing and fixing 32mm thk Mr grade plywood wooden raised platform supported by 32mm thk frame work at an interval of 2x2' grid, the platform is starting at a height of 6" and keeps increasing in height of 6" to achieve 18" height at the rear portion of the room, so between the platform will be arranged in the room at 3 different levels,All the exposed portions to be finished with 1.5mm thk matt finished non slip laminate the cost to include the cost and conveyance of all materials, tools and tackles, wasteage, labour,fevicol, nails,etc. all complete as per standard specification.	220.00	Sft		
47	12" HIGH WOODEN RAISED PLATFORM 32mm thk with wooden steps LEFT SIDE COURT:- Providing and fixing 32mm thk Mr grade plywood wooden raised platform supported by 32mm thk frame work at an interval of 2x2' grid, the platform is starting at a height of 6" and keeps increasing in height of 6" to achieve 18" height at the rear portion of the room, so between the platform will be arranged in the room at 3 different levels,All the exposed portions to be finished with 1.5mm thk matt finished non slip laminate the cost to include the cost and conveyance of all materials, tools and tackles, wasteage, labour,fevicol, nails,etc. all complete as per standard specification.	300.00	Sft		
48	PHOTO SHELF 50MM THK SHELF AND 8 INCH DEPTH AND 1 FEET LENGTH- Providing and fixing 50mm thk shelf made out of Mr grade commercial ply 19mm thk the exposed surfaces to be finished with 1mm thk laminate and all the edges to be finished with 2mm thk pvc edge binding to match the shade of the laminate, the cost to include the cost of materials, conveyance, labour, tools and tackles, nails, Fevicol SH grade, wasteage,etc, all complete as per standard specifications.	10.00	NOS		
49	Core Cutting in Slabs and Beams / Walls, with different dia holes, the cost to include the conveyance, material, labour, tools and tackles, scaffolding etc.All complete as per standard specifications.	36	NOS		
50	TOILET-SUNKEN PORTION CINDER FILLING:- Filling the sunken portion of toilet upto the desired level with plain cinder or equivalent material, all complete as per standard specification.	2000	Cu.ft		
51	TOILET-SUNKEN PORTION-LEAN CONCRETE OVER CINDER:- Providing & laying 100mm thk lean concrete over cinder, all complete as per standard specification.	300	Cu.ft		
52	PLASTER-WATER PROOF:- Plastering with CM 1:4, 12 mm thick with water proof compound, smooth finish, including cost and conveyance of all materials, scaffolding, curing, labour charges, etc., all complete as per standard specification.	1000	Sqft		
53	ALUMINIUM VENTILATORS- Providing and fixing anodized(minimum anodic coating of AC15 grade) extruded moulded aluminium section of partly fixed glass and louvered ventilator conforming to IS:733 & IS:1285, having rectangular frame made out of extruded tubular section of size 63 x 38mm x 2mm thickness (wt.1.054 kg/m), three track drain bottom section of size 61x45mmx1.3mm thick(1.055kg/m) and top and side sections of size 61x31x1.3 mm thick (0.659 kg/m).The shutter should be of size 40x18x1.2mm thick(0.417 kg/m) and handle section of size 40x18x1.3mm thick(0.424 kg/m), selected quality 5.5 mm thick clear glass to be fixed in the shutter including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. with approved quality of pvc rollers, necessary locks, handles, PVC lining and wooden encasement wherever necessary etc complete as per approval of Bank's Architect / Engineer, the cost to include the conveyance, material, labour, tools and tackles, scaffolding etc. all complete as per standard specifications.	36	Sqft		
54	FLOORING-NON SLIP:- Providing and laying flooring with 8 mm thick non slip ceramic tiles of approved brand and shade over a base coat of 12 mm (min) thick CM 1:6 including cost and conveyance of all materials to site and labour charges such as laying, curing and joint filling with matching cement compound etc the cost to include the skirting as well., all complete as per standard specification. Johnson / Kajaria. Base cost of the tile to be Rs 50 per sft./- Johnson / Kajaria	1155	Sqft		
55	GLAZED TILES DADO - Providing and fixing approved quality 12"x18" tiles On the walls / bison board panel hacking the existing surface to make rough and fixed with approved standard adhesive / mortar with proper line and level including curing, cleaning and finishing the joints with matching joint sealer all complete as per standard specification. Base cost of the tile to be Rs 50/per sft- Johnson / Kajaria. All complete as per standard specifications.	4000	Sqft		

BOQ FOR INTERIORS AND ALLIED WORKS FOR PROPOSED DRT PREMISES IN 4TH FLOOR BSNL BUILDING, 4TH FLOOR, RAJ BHAVAN ROAD-BANGALORE.					
Sl. No.	Particulars of item	Quantity	Unit	Rate	Amount
56	PAINTING-INTERNAL WALLS - Providing and applying two coats of acrylic emulsion paint of approved shade and brand over a coat of primer on internal plaster surface including birla white putty cleaning, sand paping, cost and conveyance of all materials, scaffolding, labour charges, finishing smooth etc., all complete as per standard specification.Asian paints,Berger or equivalent.	10600	Sqft		
57	DOORS-INTERNAL:- Flush door of 5'x2-1/2" size HONNE wood frame with 1-1/4" thick shutter of waterproof block board of approved make with internal lipping, finished with 1.5mm thick laminate of approved make and shade, including cost and conveyance of all material, tools, labour charges for fabricating and fixing of fittings inclusive of cost of fittings, locks handles hinges,tower bolt 12" 2 numbers , 12" high matt finished SS handle etc., all complete as per	420	Sqft		
58	REMOVAL AND SAFE DISPOSAL OF ALL DEBRIS / Demolition of existing toilets-Removal and safe disposal of all the waste material away from the site, includes the closing of the window to make it into a ventilator and making good all the jambs after alteration of the window into a ventilator, the removal of existing toilet walls, tiles, cinder filling toilet fixtures, doors ventilators etc all complete as per standard specification. Tractor loads	25	ls		
59	CONCRETE SOLID BLOCK WORK 100X200X400mm THICK IN C.M. 1:4:- 100 mm thk Concrete block work with good quality blocks including cost and conveyance of all materials, tools, labour charges, scaffolding, curing charges, etc., all complete as per standard specification. Toilet walls, Apco or equivalent.	600	Sqft		
60	LIGHT-WEIGHT AAC CONCRETE BLOCK WORK 150X200X600mm THICK IN C.M. 1:6:- Light-weight AAC Concrete block work with good quality blocks including cost and conveyance of all materials, tools, labour charges, scaffolding, curing charges, etc., all complete as per standard specification. Brand name: AEROCON or SIPOREX or equivalent. Bank Front Wall & Atm.	2200	Sqft		
61	LIGHT-WEIGHT AAC CONCRETE BLOCK WORK 200X200X600mm THICK IN C.M. 1:6:- Light-weight AAC Concrete block work with good quality blocks including cost and conveyance of all materials, tools, labour charges, scaffolding, curing charges, etc., all complete as per standard specification. Brand name: AEROCON or SIPOREX or equivalent. Bank Front Wall & Atm.	10	Sqft		
62	PLASTER-INTERNAL:- Plastering with CM 1:4, 12 mm thick with smooth chicken mesh,including cost and conveyance of all materials, scaffolding, grooves, curing, labour charges, etc., all complete as per standard specification.	5350	Sqft		
63	LINTEL IN R.C.C. M 20:- Reinforced cement concrete using 20mm hand broken stone including cost and conveyance of all material, tools, labour, formwork, compacting, curing, scaffolding, but including cost of reinforcement, etc., all complete as per standard specification.	27.5	Cu.ft		
64	SILL IN P.C.C. M 10:- Plain cement concrete using 20mm (nominal size) hand broken stone including cost and conveyance of all materials, tools, formwork, labour charges, compacting, curing,scaffolding etc., all complete as per standard specification.	11	Cu.ft		
65	COLLAPSIBLE GATE FOR DRT MAIN ENTRANCE:- including cost and conveyance of all material, tools, hinges, locking arrangement, zinc oxide primer,2 coats of enamel paint, labour charges for fabricating, fixing, the cost to include the material, labour, conveyance, tools and tackles etc etc., all complete as per standard specification.	350	Sqft		
66	ROLLING SHUTTER FOR DRT MAIN ENTRANCE:- including cost and conveyance of all material, tools, hinges, locking arrangement, zinc oxide primer,2 coats of enamel paint, labour charges for fabricating, fixing, the cost to include the material, labour, conveyance, tools and tackles etc etc., all complete as per standard specification.	350	Sqft		
67	GRILLS:- Steel grill with 30x6mm mild steel flat frame with 12x12 mm mild steel bright bars, including cost and conveyance of all material, tools, zinc oxide primer, labour charges for fabricating, fixing, etc., all complete as per standard specification.	36	Sqft		
68	FLOORING-VITREOUS TILES:- Providing and laying flooring with vitreous tiles of approved brand and shade over a base coat of 12 mm (min) thick CM 1:6 including cost and conveyance of all materials to site and labour charges such as laying, curing and joint filling with matching cement compound etc., all complete as per standard specification. (BASIC RATE - Rs. 60/Sq.M)	13000	Sqft		
69	SKIRTING-VITREOUS TILES:- Providing and laying 75mm high skirting with vitreous tiles of approved brand and shade over a base coat of 12 mm (min) thick CM 1:6 including cost and conveyance of all materials to site and labour charges such as laying, curing and joint filling with matching cement compound etc., all complete as per standard specification.	1500	Rft		
70	DEMOLITION OF EXISTING WALL AND WINDOW: Demolition, Dismantling including brickwork and removal safe disposal of all debris and making good the surface with plaster to fix the main door including carting away the debris away from the site including removal of Ms grills, removing the false ceiling, wiring light fixtures,glass divider partitions, ups partitions etc in the proposed atm area all complete as per standard specification, Removal of Acp sheets and reputting them back all complete as per standard specification.	1300	sq.ft		
	a) All the works to be carried out as per relevant IS specifications, whether so mentioned in description of works or not. b) The quoted rate shall include supply, installation ,testing and commissioning of all the items mentioned below. brackets, clamps CP bolts and nuts etc., in ducts and in ceiling for drawing and supporting the pipes etc., One coat of zinc chromate primer and two coats of enamel painting for the brackets, colour coding the exposed pipe works, identification labels, making bores in masonry / RCC, chasing the surfaces for concealed plumbing and making good the chased surfaces and bores in CM 1:4 / PCC 1:2:4 curing etc., complete. c) Only electric groove cutting, hammer drilling, core cutting and other equipment shall only be allowed for cutting and drilling etc., c) All CP fittings Shall be as per the make mentioned d) All Sanitary fixtures shall be of make mentioned				
71	INTERNAL SANITARY FIXTURES:				
	Supply and Installation of the approved make white colour European water Floor mounted, with back inlet P trap by using conversion bend. dual flush engineering plastic cistern ,with all internal parts of cistern, angle valve with wall flange , black/white solid duroplast or scratch resistant seat and cover with special hinges to suit wall mounting water closet complete, all of approved make & associated works complete				
71A	CAT No. Particular Make				
	HIND WARE TWILIGHT WALL MOUNTED CLOSET MODEL 92092 STARWHITE				
	Concealed cistern cento with flush plates including brackets for fixing this as well as water				
	Angle valve for connection to cistern AHI -CHR -39053				
	15 MM Flexible tubes 600 mm Long -1nos ALD 801 B	14.0	Each		



BOQ FOR INTERIORS AND ALLIED WORKS FOR PROPOSED DRT PREMISES IN 4TH FLOOR BSNL BUILDING, 4TH FLOOR, RAJ BHAVAN ROAD-BANGALORE.					
Sl. No.	Particulars of item	Quantity	Unit	Rate	Amount
71B	Supply and Installation of the 15mm CP health faucet 8 mm dia with 1.2 mtrs long tube with end nuts and hook and 1 no 15 mm CP brass angular stop cock with wall flange, Hook to be fixed with CP brass with suitable counter sunk screws, all of approved make & associated works & accessories etc., complete.				
	CAT No. Particular Make				
	Jaguar Angular cock ARI CHR 39053				
	Jaguar Health faucet with flexible tube of 1 RMT with end nuts with Gaskets Model ALD chr 577	14.0	Each		
71C	Supply and Installation of approved make white colour glazed Under the counter wash basin. The basin is mounted Under granite top with following CP brass fittings like 32mm CP brass waste coupling, 32mm CP brass bottle trap of casted type, 15mm CP brass angular stop cock with wall flanges and 50mm OD class 3 (6 kg/cm2) PVC waste pipe taken in concealed plumbing upto floor trap with necessary fittings etc., complete.				
	CAT No. Particular Make				
	Hindware under counter wash basin catalogue no 10065 STARWHITE				
	Jaguar Angular cock ARI CHR 39053				
	Bottle trap and waste coupling 32 mm ALD CHR 705L130 +ALD CHR 769 L 300 X190				
	Pillar cock long neck With extension body ARI CHR 39021 jaguar				
	15 MM Flexible tubes 600 mm Long -1nos ALD 801 B jaguar	9.00	each		
71D	Supply and Installation of approved make PEDESTAL Wash basin. The basin is with following CP brass fittings like 32mm CP brass waste coupling, 32mm CP brass bottle trap of casted type, 15mm CP brass angular stop cock with wall flanges and 50mm OD class 3 (6 kg/cm2) PVC waste pipe taken in concealed plumbing upto floor trap with necessary fittings etc., complete.FOR 3 MAIN BATH ROOMS				
	CAT No. Particular Make				
	HINDWARE WASH BASIN CEDAR PEDESTAL TYPE CAT NO 91049/91116 STARWHITE				
	Jaguar Angular cock ARI CHR 39053				
	Bottle trap and waste coupling 32 mm ALD CHR 705L130 +ALD CHR 769 L 300 X190 Jaguar				
	Pillar cock long neck With extension body ARI CHR 39021 jaguar				
	15 MM Flexible tubes 600 mm Long -1nos ALD 801 B jaguar	8.00	each		
71E	Supply and Installation of the approved make white Sensor operated urinal SENSO ART of size 610 x 375 x 390 mm including concealed CI bracket with inbuilt sensor operated valve, CP urinal spreader, 32 mm CP waste with dome grating, 32 mm CP casted bottle trap and 40 mm OD PVC concealed in wall and connected to leader line necessary specials & associated works & accessories etc., complete.				
	CAT No. Particular Make				
	60021 Urinal HIND WARE SENSO ART				
	F850002 Waste coupling full therea HINDWARE				
	F850015 Bottle Trap HINDWARE	8.00	Each		
71F	Supply and fixing of approved make best quality mirror having 6 mm thick with copper backing and cut to required size and fixed on to 10 mm thick water proof plywood sheet with CP hook, CP clamps, CP screws and the sides of mirror neatly dressed & associated works & accessories etc., complete as per the architects drawings	16.00	Sq.mtr		
71G	Supply and fixing of CP brass Towel rack with single rail with hooks AHS CHR 1581 H	RO	Each		
71H	Supply and fixing of the towe rack 600 mm long with lower hangers AKP CHR 3578 PF	6.00	Each		
71I	Supply and fixing of the towel ring square AKP CHR 35721P	17.00	Each		
71J	Supply and installtion of the robe Hook AKP CHR 35791 P	17.00	Each		
71K	Supply and installation of the Angle valve ARI CHR 39053 with valve flange for the aquaguard .Make: Jaguar Continental	4.00	Each		
71L	Supply and fixing of the soap dish holder AKB 35731	17.00	Each		
71M	Supply and installtion of the 20 mm granite top for the Under counter wash basin including required brick pedestals, MS buckets and cutting the granite top for wash basin as per the size required and neatly finishing the same	8.00	SQM		
72	INTERNAL WATER SUPPLY :				
	NOTE: The concealed pipe lines, the lines running in ducts/on walls & under ceiling shall be considered under internal water supply.				
	Supply and fixing of Kitec PE AL PEX Pipes with bends, tees, reducers, female adapter brass threaded FABT's, metal clamps, unions etc., including cutting the pipes to required lengths and joining the pipes and fitting by using as per the manufacturer recommendation				
	Potable Water				
72A	a) 22.20 mm OD	42.0	Rmt		
72B	b) 28.60 mm OD	42.0	Rmt		
72C	c) 34.90 mm OD	RO	Rmt		
72D	d) 41.30 mm OD	RO	Rmt		
73	Supply and fixing of approved make Medium quality G.I. 'B' Pipes with 'R' brand GI malleable specials such as tees, elbows, check nuts, unions, flanges reducers etc., including threading, cutting and fixing in / on walls ceiling, ground, terrace floor etc., The rate shall include for the necessary chasing the walls and making bores wherever required and making good the chased surfaces and bores in cement mortar. The quoted rate shall also include for giving two coats of bitumen paint for the concealed pipes and the pipes buried in ground shall have two coats of bitumen paint over which wrapped with pipe coat or all exposed pipes to be painted with one coat of zinc chromatic primer & 2 coats of enamel paint of approved make, stenciling, arrow marking as per IS colour code. Rate shall also include for pipe sleeves across walls, slabs etc., complete.				
	Potable Water				
73A	a) 20 mm NB	RO	Rmt		
73B	b) 25 mm NB	RO	Rmt		
73C	c) 32 mm NB	RO	Rmt		

BOQ FOR INTERIORS AND ALLIED WORKS FOR PROPOSED DRT PREMISES IN 4TH FLOOR BSNL BUILDING, 4TH FLOOR, RAJ BHAVAN ROAD-BANGALORE.					
Sl. No.	Particulars of item	Quantity	Unit	Rate	Amount
73D	d) 40 mm NB	RO	Rmt		
74	INTERNAL SEWERAGE				
74A	Supply and fixing SWR PVC Plain/multi floor traps of 'P' or 'S' type with SS grating (heavy quality hopper type with frame) and 75mm outlet with necessary cement concrete chamber & associated works & accessories etc., complete.	24.00	Each		
74B	Supply and fixing of SWR PVC 'P' or 'S' trap with SS framed grating and 100 mm dia outlet with necessary cement concrete chamber water proofing the internal surface of chamber & associated works & accessories etc., complete.	RO	Each		
74C	Supply and fixing of class III (6 kg/cm <sup>2</sup> ) Rigid PVC pipes (as per IS - 4985) laid as waste line under floor / under ceiling / on walls with necessary bores in foundation, walls, ceiling, and rendering the bores in CM 1:4 & associated works & accessories etc., complete.				
	a) 40 mm OD	36.00	Rmt		
	b) 50 mm OD	ro	Rmt		
74D	Supply and fixing of Type -B' SWR PVC soil and waste pipes jointed with rubber ring with good quality lubricant for shafts and for sunken slab or under slab with solvent cement. As per IS - 13592-1992 for pipes and IS 14735 for fittings, inclusive of all necessary specials like bends, tees, offsets, junctions, pan connector, cowl, laid under floor / under ceiling / on walls with suitable clamps and specials curing & associated works & accessories etc., complete.				
	a) 63 mm SWR PVC	RO	Rmt		
	b) 75 mm SWR PVC	60.00	Rmt		
	c) 110 mm SWR PVC	42.00	Rmt		
74E	Providing core cutting of required diameter by using core cutting machine for taking out the soil and waste line in RCC slab / beam etc., At all heights and depths and water proofing the surfaces / joints after the installation & testing the pipes, floor traps & associated works & accessories etc., complete.				
	a) 75 mm OD	2.00	Each		
	b) 110 mm OD	2.00	Each		
	c) 160 mm OD	RO	Each		
75	Supply and installation of the PVC Puddle flanges 110 mm od of 400 mm long for water closets with GP2 powder	2.00	each		
76	Supply and installation of the PVC puddle flanges for the Floor trap with 50 mm / 63 mm side connection for Urinals and Wash basins with 110 mm OD dia and 400 mm Long	2.00	each		
77	Supply and installation of the Hanging trap for the floor Trap Supreme make with 75 mm OD connection	2.00	each		
78	EXTERNAL WATER SUPPLY				
	Supply and fixing of Kitec PE AL PEX Pipes with bends, tees, reducers, female adapter brass threaded FABTs, metal clamps, unions etc., including cutting the pipes to required lengths and joining the pipes and fitting by using as per the manufacturer recommendation				
78A	a) 22.23 mm OD	RO	Rmt		
78B	b) 28.58 mm OD	30.00	Rmt		
78C	c) 34.93 mm OD	30.00	Rmt		
78D	d) 41.30 mm OD	RO	Rmt		
78E	e) 54.60 mm OD	RO	Rmt		
79	Supply and fixing of approved make Medium quality G.I. 'B' Pipes with 'R' brand GI malleable specials such as tees, elbows, check nuts, unions, flanges reducers etc., including threading, cutting and fixing in / on walls ceiling, ground, terrace floor etc., The rate shall include for the necessary chasing the walls and making bores wherever required and making good the chased surfaces and bores in cement mortar. The quoted rate shall also include for giving two coats of bitumen paint for the concealed pipes and the pipes buried in ground shall have two coats of bitumen paint over which wrapped with pipe coat or all exposed pipes to be painted with one coat of zinc chromatic primer & 2 coats of enamel paint of approved make, stenciling, arrow marking as per IS colour code. Rate shall also include for pipe sleeves across walls, slabs etc., complete.				
79A	a) 25 mm NB	RO	Rmt		
79B	b) 32 mm NB	RO	Rmt		
79C	c) 40 mm NB	RO	Rmt		
79D	d) 50 mm NB	RO	Rmt		
79E	e) 65 mm NB	RO	Rmt		
80	Supply and fixing of lever operated bronze ball valve of approved make and provided with stainless steel ball (AISI 304) and spindle (AISI 410), glass filled Teflon seating and gland packing etc., complete. The valve shall be fixed after the union. The quoted rate shall include the cost of the union, nipples & associated works & accessories etc., complete.				
80A	a) 20mm dia (Screwed ends)	RO	Each		
80B	b) 22.20mm dia (Screwed ends)	RO	Each		
80C	c) 28.60mm dia (Screwed ends)	4.00	Each		
80D	d) 34.90mm dia (Screwed ends)	-	Each		
80E	e) 40 mm dia screwed ends	RO	Each		
80F	e) 50 mm dia screwed ends	RO	each		
80G	f) 65 mm dia flanged ends	RO	each		
81	Providing MS angle iron brackets using 40 x 40 x 6 mm thick for supporting & MS grip bolts with clamps for soil and waste pipes on walls / ceiling by using hanger rods welded / grouted and the bracket shall be given two coats of anti corrosive paint over a coat primer, The rate quoted shall include for necessary drilling & associated works & accessories etc., complete.	150.00	Kg		
82	Providing, Laying, Testing & Commissioning of RCC pipes of NP2 class following diameter with suitable collars filling the recess at joints of pipes with hemp dipped in hot bitumen or other suitable compound for caulking of joint by jack, setting up of loose space over the collar joints caulked with CM 1:2, finished both ends to a slope of 1:1 including curing, testing of pipes, & associated works & accessories etc., complete.				
	200 mm dia	RO	RMT		
	300 mm dia	RO	RMT		
	450 mm dia	RO	RMT		
	SUB TOTAL				
	GST				
	GRAND TOTAL				