

Sr. No.	Sr. No.	Item	Specification	Unit	Quantity
	1	Sewage Treatment Plant (Capacity 300 KLD)	Construction, Supplying of Electro Mechanical equipment, pipe fittings, erection, installation, testing and commissioning MBBR technology Sewage Treatment Plant (Capacity 300 KLD) for Housing project including O & M of STP for 5 years after the commissioning.	Nos	1
1	2	MAIN DESK + ERU + PEDESTAL- 2400 Width mm x 900 mm Depth x 750 mm height	The Main table shall be of size 2400 Width mm x 900 mm Depth x 750 mm height. Top surface of the table shall be made up of MDF (Medium density fibre) board duly finished with Veneer and final coating of PU. The Main desk should contain in built key board pull out tray for keeping keyboard of computer. The front modesty panel of the table shall be made up of MDF board of size 1640 mm x 600 mm x 16mm which shall also be duly finished with Veneer and PU coating. For personal storage one mobile pedestal (3 drawer unit) shall be provided of size 510 mm Width x 635 mm Height and 445 mm Depth. The storage pedestal shall also be made up of MDF duly finished with veneer & final coating of PU. The Side shall be of size 1200mm Width x 445mm Depth x 660 mm Height. The thickness of the top of the side unit shall be 25mm. since its APO All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	3
2	3	Main Desk With ERU LHS size : 2100 W x 1600 D x 765 H.	Desk With ERU LHS size shall be 2100 Width mm x 1600 Depth mm x 765 Height mm .The main top shall be of Particle board (Melamine Finish) 1800 x 795 mm.The top shall be 25 mm thick plus 15 mm frame and 2 mm PVC lipping on top .Also there shall be 0.35 mm PVC lipping on frame.The Modesty panel shall be 1100 x 405 x 46 mm thick particle board (Melamine Finish) with 0.35 mm thick PVC lipping.The Drawer Front shall be of size 500 x 170 x 16 mm thick Particle board (Melamine Finish) with 0.35 mm thick PVC lipping.The KBPT shall be 578 W x 284 D x 16 mm with 0.35 mm Thick PVC lipping.The ERU shall have all panels of 16 mm thick Particle board (Melamine Finish) since its APO.All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	5

3	4	CONFERENCE TABLE LAMINATE 16 SEATER	<p>Seater Round . Top shall be 25 mm thick base material shall be 25 mm thick MDF board .0.4 mm PVC membrane foil using wrap technology . The foil shall be pre- coated with PU layer for better scratch and wear resistant . 0.6 mm balancing laminate on bottom surface . The vertical cladding shall be 18 mm thick base material shall be 18 mm MDF board . 0.4 mm PVC membrane foil using wrap technology . The foil shall be pre- coated with PU layer for better scratch and wear resistant . 0.6 mm balancing laminate on bottom surface . Legs and Top /Bottom plate shall be made from 1.6 mm Matt silver Anodized Aluminium extrusion . Legs Assembled together with 8 mm thick MS powder coated sheet at bottom and 3 mm thick MS powder sheet coated at the top . The MS base shall be having provision for wire entry and glide fixing . Access Flap and Switch Mounting Tray made from matt silver anodized aluminium extrusion and plastic moulded components to facilitate access of electrical / data / voice sockets access from top According to APO.All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	1
4	5	Office Table size : 1500 W x 750 D x 750 H	<p>Main Desk size shall be 1500 Width x 750 Depth x 750 Height.The top shall be veneered 48 mm thick coated with Melamine (stain finish , 9 mm thick seasoned wood beading on the edges). The 48 mm shall be comprising of 4 mm veneer plus 25 mm Top plain particle board plus 18 mm baton(PPB) plus BDL (Backing Decorated Laminated). The Legs shall be MS ERW Round tube of Dia 50.8 x 1.6 mm thick.The modesty & side panels shall be of Perforated MS sheet of 0.9 mm thick in APO.All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	3
5	6	Office Table size : 1650 W x 900 D x 740 H	<p>Table -APO size shall be 1650 Width mm x 900 Depth mm x 740 Height mm .Table top shall be 25 mm thick plain particle board (PPB) Clad with 0.6 mm thick post formed laminate and 1 mm thick backing laminate (bdl) .Flat edge Duly sealed with 2 mm thick PVC beading.The modesty shall be 18 mm thick plain particle board () PPB Clad with 1.0 mm thick decorative laminate (DL) on both sides. Edge Sealed with 2 mm thick PVC beading.All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	1

6	7	4 Seater PU Coated Canteen table size : 1135 W x 1175 D x 750 H .	4 Seater PU Coated size shall be the APO 1135 Width mm x 1175 Depth mm x 750 Height mm . Top shall be 25 mm thick base material shall be 25 mm MDF board . On top PU painting of minimum 2H hardness with 75% glass as per color chart .Combination color graphics on the centre . Brown Laminate on bottom specially profiled edges for comfort . The Understructure shall be having bend pipe structure of MS powder coated . Pipe dia 38 mm , 2 mm thick and it shall be fitted with top by SS machine screws . Legs shall be of MS powder coated and 38 mm dia. pipe legs are fixed with inderstructure and table top . Glide shall be of Plastic fixed at the understructure to prevent the damage of table top during stacking All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	7
7	8	Office Table - size : 1200 W x 600 D x 740 H	Table is APO - 4020 size shall be 1200 Width mm x 600 Depth mm x 740 Height mm . Table top shall be 25 mm thick plain particle board (PPB) Clad with 0.6 mm thick post formed laminate and 1 mm thick backing laminate (bdl) .Flat edge Duly sealed with 2 mm thick PVC beading.The modesty shall be 18 mm thick plain particle board () PPB Clad with 1.0 mm thick decorative laminate (DL) on both sides. Edge Sealed with 2 mm thick PVC beading.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission.The work shall be carried as per the instructions of engineer in charge.	Nos	1
8	9	Office Table - size : 1650 W x 900 D x 740 H with ERU 1550 x 450 x 705	Table APO - 5630 size shall be 1650 Width mm x 900 Depth mm x 740 Height mm .Table top shall be 25 mm thick plain particle board (PPB) Clad with 0.6 mm thick post formed laminate and 1 mm thick backing laminate (bdl) .Flat edge Duly sealed with 2 mm thick PVC beading.The modesty shall be 18 mm thick plain particle board () PPB Clad with 1.0 mm thick decorative laminate (DL) on both sides. Edge Sealed with 2 mm thick PVC beading.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	5

9	10	SIDE TABLE	<p>1) SIDE TABLE : It should be 12 ±0.3 mm thick black tinted Toughened glass UV glued with bushes made in SS 202 grade for fixing with understructure.</p> <p>2) Pshould be A SIDE : It should be a welded Assembly made in SS202 grade having Dia. 12±0.04 as per should be :1762 according to APO All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	3
10	11	CUBICAL WORKSURFACE- ERU ERU - 1050 W 1MAIN TABLE - 1500 x 750 - 2 PERSON BACK TO BACK	<p>PROVIDING AND FIXING of CUBICALS WORKSTATION 52.4MM THICK 1200 MM HIGH PANELS IN WISH SYSTEM. WITH COMBINATION OF METAL RACEWAY AT BOTTOM, TWO INTERMEDIATE FABRIC BLOCKS, FABRIC TACKABLE, WHITE BOARD, FABRIC MAGNETIC AT TOP. PROVIDING POWDER COATED LEGS..*</p> <p>PROVIDING POWDER COATED FRONTIER LEGS & PRELAM MODESTY ,PLASTIC KBPT WITH MOUSE TRAY,CPU TROLLEY,NOVA FREE STANDING PEDESTAL WITH FLAT METAL FRONT OF SIZE 390W X 435D X 646HT, 3DR = 2 BOX + 1 FILE, CENTRAL LOCKING.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	85
11	12	LINEA CABIN TABLE - 1800 W X 750 D	<p>PROVIDING & PLACING of LINEA 25MM THK WORKTOP IN PVC LIPPING WITH UNDER STRUCTURE I.E. LEGS, WIRE MANAGER ETC IN METAL POWDER COATED. PARTIAL WIDTH FRAMED SCREEN IN COMBINATION OF WHITE BOARD & FABRIC MAGNETIC IS CONSIDERED ALONG WIDTH OF WORK SURFACE.PROVIDING 25 MM THICK PRELAMINATED RECTANGULAR WORKTOP WITH PVC LIPPING PLASTIC KBPT WITH MOUSE TRAY CPU TROLLEYNOVA FREE STANDING PEDESTAL WITH FLAT METAL FRONT OF SIZE 390W X 435D X 646HT, 3DR = 2 BOX + 1 FILE, CENTRAL LOCKING.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	4
12	13	FREE STANDING PEDESTAL	<p>FREE STANDING PEDESTAL WITH FLAT METAL FRONT OF SIZE 390W X 435D X 646HT, 3DR = 2 BOX + 1 FILE, CENTRAL LOCKINGAll metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of Engineer in Charge.</p>	Nos	55

13	14	BACK UNIT - 2215mm width x 410 mm Depth x 2000mm height	The Size of the Impress Back unit shall be 2215mm width x 410 mm Depth x 2000mm height. The back unit shall be made up of MDF board duly finished with veneer & final finish by PU coating. Below storage shall be provided with wooden shutters & the upper left & right side of the back unit shall also be provided with wooden shutters. The middle 3 door shutters should be of glass of minimum 5mm thick for display purpose. The hardness of the PU coating shall be 1.5H in APO. All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	3
14	15	Almirah Plain With 4 Shelves	KD Plain With 4 Shelves shall have an overall size of 900mm(W)x450mm(D)x1830mm(H) . The construction shall be rigid knock down construction and Material used shall be prime quality CRCA steel - panels from 0.6 mm thick & front frame . Shelf shall be 0.8 mm thick . Configuration (Door) shall be full height steel hinged door . Locking shall be Plastic Recessed Handle cum Cam lock with 3 way locking mechanism with shooting bolt arrangement . Height wise adjustable shelf mounting , Uniformly distributed load capacity per each full shelf shall be 80 Kg maximum . For Plain 4 Nos. of adjustable full shelves . The top shall be metal and Epoxy Powder coated finish to the thickness of 50 microns since its APO All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	151
15	16	STEEL ALMIRAH WITH MIRROR	Overall Dimensions APO-91.5W x 48.5L x 198H 1. Model Model — 2 2. Product Size 916mm(W) x 486mm(D) x 1980mm(H) DMX Drg.- PL13-A4-D24681, Rev0 3. Construction & Material Welded construction. • 0.7mm thk CRCA for shelf 0.8mm thk CRCA for back & locker shelf 0.9mm thk CRCA for all other components 4, Locking & handle • Mazak handle Three way locking mechanism with shooting bolt 5. Locker Fixed full locker with secret compartment. Hinged Door 2 way locking mechanism for locker door 6. Shelving Height wise adjustable shelf mounting 2Nos. of adjustable full Shelf 7. Hanging Rod & Tie bar 1.0mm thk ERW tube for hanging rod 1.0mm thk aluminum for tie bar 8. Leveler M10 screw type leveler with hex plastic base 9. Finish Epoxy Powder coated to the thickness of 50 microns (+-10). All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	4

16	17	Modular Wardrobe Floor Unit 500 W Main	Overall Dimensions of Gain Floor Unit 500 W Main shall be 500mm(W)x500mm(D)x2025mm(H) . The construction shall be aesthetically appealing completely knock down construction . Legs shall be fitted with screw type leveler and material shall be from combination of CRCA 0.5 mm & 0.8 mm . The shelving shall be height wise adjustable shelf mounting , each full shelf shall have a load capacity of 40 kg UDL max. and 4 nos. of full adjustable shelves . Finish shall be epoxy powder coated to the thickness of 50 microns in APO. All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	6
17	18	Modular Wardrobe Floor Unit 500 W ADD ON	Overall Dimensions of Gain Floor Unit 500 W Add On shall be 500mm(W)x500mm(D)x2025mm(H) . The construction shall be aesthetically appealing completely knock down construction . Legs shall be fitted with screw type leveler and material shall be from combination of CRCA 0.5 mm & 0.8 mm . The shelving shall be height wise adjustable shelf mounting , each full shelf shall have a load capacity of 40 kg UDL max. and 4 nos. of full adjustable shelves . Finish shall be epoxy powder coated to the thickness of 50 microns . The add on units shall be stacked widthwise to form a row of storage having a common side panel in APO.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	6
18	19	All Steel Periodical Display Rack	Overall Dimensions of All Steel Periodical Display Rack shall be 900mm(W)x450mm(D)x1830mm(H). Rigid Knockdown construction ,Panels shall be made from CRCA 0.6 mm thick and front frame shall be made from CRCA 0.8 mm thick . CRCA D grade as per IS 513 . There shall be 5 level racks , Display tray shall be suitable for fullscape size magazines,periodicals, aesthetically appealing metal tray at an angle for easy viewing . Receding facility to access the storage behind . Sliding on plastic rollers . Behind storage shelving each of 5 level has a behind storage shelf . Uniformly Distributed Load capacity per each shelf is 40 kg . Leveler shall be screw type with hex plastic base and in APO finish shall be epoxy polyester powder coated to the thickness of 50 microns in APO All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. .The work shall be carried as per the instructions of engineer in charge.	Nos	6

19	20	<p>HD Optimizer SD - 2 Single Static Drive Cover Unit 2 Bay</p>	<p>HD Optimizer -SD - 2 Single Static Drive Cover Unit 2 Bay(U/C + Fittings + Cover) shall be 1830mm(W)x457mm(D)x2361mm(H).The Construction shall be rigid knock down made out of 0.8 thick CRCA steel conforming to IS : 513 . Each body shall have a main unit plus add on units (1,2,3,4,5) . Finish shall be Epoxy polyester powder coated thickness of 40 microns . Shelf construction shall be made from CRCA steel 0.8 mm thick IS :513 .Uniformly distributed load capacity of 80 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3.15 mm thick conforming to IS : 10748 . Finish shall be epoxy polyester powder coat of approved color & shade with a dry film thickness of minimum 40 microns .The Movements shall be Drive Type configuration : In case of D2 & D3 movement of units is achieved mechanically through a PU Drive Wheel and Sprocket -Chain-Tensioner arrangement mounted rigidly onto body size .For D2 each movable undercarriage shall be provided with 2 rollers on the shaft for driving , 2 antifriction ball bearing for rolling and 4 antifriction ball bearing for guiding between rail . Fittings shall be centralized locking arrangement through locking stiffener mounted onto back of single last unit so that it gets locked on channels when all the units are brought together . The Recess handle lock is of Approved Makemake & placed at suitable height . This arrangement occupies a space of 90.0 mm .According to APO All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	18
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20	21	HD Optimizer LD- 2 Single Last Drive Unit 2 Bay	<p>HD Optimizer LD - 2 Single Last Drive Unit 2 Bay(U/C + Fittings +Drive + Cover) shall be 1830mm(W)x457mm(D)x2361mm(H).The Construction shall be rigid knock down made out of 0.8 thick CRCA steel conforming to IS : 513 . Each body shall have a main unit plus add on units (1,2,3,4,5) . Finish shall be Epoxy polyester powder coated thickness of 40 microns . Shelf construction shall be made from CRCA steel 0.8 mm thick IS :513 .Uniformly distributed load capacity of 80 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3.15 mm thick conforming to IS : 10748 . Finish shall be epoxy polyester powder coat of approved color & shade with a dry film thickness of minimum 40 microns .The Movements shall be Drive Type configuration : In case of D2 & D3 movement of units is achieved mechanically through a PU Drive Wheel and Sprocket -Chain-Tensioner arrangement mounted rigidly onto body size .For D2 each movable undercarriage shall be provided with 2 rollers on the shaft for driving , 2 antifriction ball bearing for rolling and 4 antifriction ball bearing for guiding between rail . Fittings shall be centralized locking arrangement through locking stiffener mounted onto back of single last unit so that it gets locked on channels when all the units are brought together According to APO The Recess handle lock is of Approved Makemake & placed at suitable height . This arrangement occupies a space of 90.0 mm . All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission.The work shall be carried as per the instructions of engineer in charge.</p>	Nos	18
21	22	HD Optimizer TD - 2 Twin Mobile Drive Unit 2 Bay	<p>HD Optimizer TD - 2 Twin Mobile Drive Unit 2 Bay APO (U/C+Fittings+Drive +Cover) shall be 1830mm(W)x915mm(D)x2361mm(H). The Construction shall be rigid knock down made out of 0.8 thick CRCA steel conforming to IS : 513 . Each body shall have a main unit plus add on units (1,2,3,4,5) . Finish shall be Epoxy polyester powder coated thickness of 40 microns . Shelf construction shall be made from CRCA steel 0.8 mm thick IS :513 .Uniformly distributed load capacity of 80 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3.15 mm thick conforming to IS : 10748 . .The Movements shall be Drive Type configuration : In case of D2 & D3 movement of units is achieved mechanically through a PU Drive Wheel and Sprocket -Chain-Tensioner arrangement mounted rigidly onto body size .For D2 each movable undercarriage shall be provided with 2 rollers on the shaft for driving , 2 antifriction ball bearing for rolling and 4 antifriction ball bearing for guiding between rail according to APO. Fittings shall be centralized locking arrangement through locking stiffener mounted onto back of single last unit so that it gets locked on channels when all the units are brought together . The Recess handle lock is of Approved Makemake & placed at suitable height . This arrangement occupies a space of 90.0 mm All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	37

22	23	HD Optimizer-SS1 - Single Static 1 Bay Push Pull Type	<p>HD Optimizer- SS1 - Single Static 1 Bay Push Pull Type APO (U/C + Fittings) shall be 915mm(W)x457mm(D)x2361mm(H). The Construction shall be rigid knock down made out of 0.8 thick CRCA steel conforming to IS : 513 . Each body shall have a main unit plus add on units (1,2,3,4,5) . Finish shall be Epoxy polyester powder coated thickness of 40 microns . Shelf construction shall be made from CRCA steel 0.8 mm thick IS :513 .Uniformly distributed load capacity of 80 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3.15 mm thick conforming to IS : 10748 since its APO Finish shall be epoxy polyester powder coat of approved color & shade with a dry film thickness of minimum 40 microns . The movements of the system shall be Push pull configuration (TYPE-P1/TYPE-P2) : Movement of units achieved by pushing or pulling chrome plated 'C' Handle fitted onto 1.6 mm thick plate (mounted on each double & single movable units) & rigidly fixed at suitable height on body side . Each movable undercarriage has 4 nos. of antifriction ball bearings for rolling onto channels & 4 no. of antifriction ball bearings for guiding between channels & 'J' section . Fittings shall be centralized locking arrangement through locking stiffener mounted onto back of single last unit so that it gets locked on channels when all the units are brought together . The Recess handle lock is of Approved Makemake & placed at suitable height . This arrangement occupies a space of 90.0 mm . When the last unit is twin movable , hinged doors are provided for the end bodies, so in this case locking stiffener is mounted onto drive unit cover ; and with tile fascia option , it will be mounted in the recess of vertical trim . Each Drive Type units shall have Locking Knob near the drive wheel for manual locking of individual units when a person is using those units . t . Door locking shall be having hinged doors of recessed die cast handle cum lock giving 3 way locking through a lever & shooting bolts . Guide channels shall have 'J' section 2 mm thick HR & 25 mm Square bright bar . Easteners shall be galvanized/blackodized/Zn plated .The label holder shall be made from 2 mm thick clear transparent acrylic sheet . Also total no. of loading levels per understructure shall be 5 for SS1 All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	1
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23	24	HD Optimizer- SL1 - Single Last 1 Bay Push Pull Type	<p>HD Optimizer- SL1 - Single Last 1 Bay Push Pull Type APO(U/C + Fittings + Handle) shall be 915mm(W)x457mm(D)x2361mm(H). The Construction shall be rigid knock down made out of 0.8 thick CRCA steel conforming to IS : 513 . Each body shall have a main unit plus add on units (1,2,3,4,5) . Finish shall be Epoxy polyester powder coated thickness of 40 microns . Shelf construction shall be made from CRCA steel 0.8 mm thick IS :513 .Uniformly distributed load capacity of 80 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3.15 mm thick conforming to IS : 10748 . Finish shall be epoxy polyester powder coat of approved color & shade with a dry film thickness of minimum 40 microns . The movements of the system shall be Push pull configuration (TYPE-P1/TYPE-P2) : Movement of units achieved by pushing or pulling chrome plated 'C' Handle fitted onto 1.6 mm thick plate (mounted on each double & single movable units) & rigidly fixed at suitable height on body side .since its APO Each movable undercarriage has 4 nos. of antifriction ball bearings for rolling onto channels & 4 no. of antifriction ball bearings for guiding between channels & 'J' section . Fittings shall be centralized locking arrangement through locking stiffener mounted onto back of single last unit so that it gets locked on channels when all the units are brought together . The Recess handle lock is of Approved Makemake & placed at suitable height . This arrangement occupies a space of 90.0 mm . When the last unit is twin movable , hinged doors are provided for the end bodies, so in this case locking stiffener is mounted onto drive unit cover ; and with tile fascia option , it will be mounted in the recess of vertical trim . Each Drive Type units shall have Locking Knob near the drive wheel for manual locking of individual units when a person is using those units .. Door locking shall be having hinged doors of recessed die cast handle cum lock giving 3 way locking through a lever & shooting bolts . Guide channels shall have 'J' section 2 mm thick HR & 25 mm Square bright bar . Easteners shall be galvanized/blackodized/Zn plated .The label holder shall be made from 2 mm thick clear transparent acrylic sheet . Also total no. of loading levels per understructure shall be 5 for SL1 All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission.The work shall be carried as per the instructions of engineer in charge.</p>	Nos	1
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24	25	HD Optimizer- TM1 - Twin Mobile 1 Bay Push Pull Type	<p>HD Optimizer- TM1 - Twin Mobile 1 Bay Push Pull Type APO(U/C + Fittings + Handle) shall be 915mm(W)x915mm(D)x2361mm(H).The Construction shall be rigid knock down made out of 0.8 thick CRCA steel conforming to IS : 513 . Each body shall have a main unit plus add on units (1,2,3,4,5) . Finish shall be Epoxy polyester powder coated thickness of 40 microns . Shelf construction shall be made from CRCA steel 0.8 mm thick IS :513 .Uniformly distributed load capacity of 80 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3.15 mm thick conforming to IS : 10748 . Finish shall be epoxy polyester powder coat of approved color & shade with a dry film thickness of minimum 40 microns . The movements of the system shall be Push pull configuration (TYPE-P1/TYPE-P2) : Movement of units achieved by pushing or pulling chrome plated 'C' Handle fitted onto 1.6 mm thick plate (mounted on each double & single movable units) & rigidly fixed at suitable height on body side . since its APOEach movable undercarriage has 4 nos. of antifriction ball bearings for rolling onto channels & 4 no. of antifriction ball bearings for guiding between channels & 'J' section . Fittings shall be centralized locking arrangement through locking stiffener mounted onto back of single last unit so that it gets locked on channels when all the units are brought together . The Recess handle lock is of Approved Makemake & placed at suitable height . This arrangement occupies a space of 90.0 mm . When the last unit is twin movable , hinged doors are provided for the end bodies, so in this case locking stiffener is mounted onto drive unit cover ; and with tile fascia option , it will be mounted in the recess of vertical trim . Each Drive Type units shall have Locking Knob near the drive wheel for manual locking of individual units when a person is using those units . Knob shall be rotated to unlock position when units are to be moved . End stoppers shall be provided to prevent derailment . ck HR & 25 mm Square bright bar . Easteners shall be galvanized/blackodized/Zn plated All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	1
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25	26	Leather High Back	<p>1) SEAT/BACK ASSEMBLY : The Cushioned seat should be made of Injection molded Plastic outer & inner. Plastic Inner should be upholstered with pure leather and moulded High Resilience (HR) Polyurethane foam of Density 45 ± 2 kg/m³, and hardness load 16 ± 2 kgf for 25% compression. The Cushioned back should be made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9 ± 0.03 cm x 0.16 ± 0.0128 cm. It upholstered with Pure Leather at the time of APO.</p> <p>2) ARMRESTS: The armrest top should be moulded from polyurethane(PU), upholstered in pure leather and mounted on to a drop lift adjustable type tubular armrest support made of 03.81 ± 0.03 cm x 0.2 ± 0.01 cm thk M.S E.R.W tube having chrome plated finish. The armrest height adjustable up to 6.5 ± 0.5 cm in 5 steps.</p> <p>3) ACTIVE BIO-SYNCHRO mechanism: The adjustable tilting mechanism should be designed with the following features:</p> <ul style="list-style-type: none"> • 360° revolving type. • Front-pivot for tilt with feet resting on ground and continuous lumbar support ensuring more comfort. • Tilt tension adjustment can be operated in seating position. • 5-position Tilt limiter giving option of variable tilt angle to the chair. • Seat/back tilting ratio of 1: 2 • The mechanism housing should be made up of HPDC Aluminium black powder coated. <p>4 SEAT DEPTH ADJUSTMENT: Seat depth adjustment should be integrated in the seat through a sliding mechanism. Seat depth adjustment range should be of 6.0 ± 0.5 cm.</p> <p>5 ADJUSTABLE BACK SUPPORT: Back Frame should be connected to the Up/Dn mechanism housed in Plastic T spine. It can be adjusted in the range of 7.42 ± 0.5 cm for the comfortable back support to suit individual need.</p> <p>6 PNEUMATIC HT. ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 10.0 ± 0.3 cm.</p> <p>7 PEDESTAL ASSEMBLY The pedestal should be High Pressure Die cast polished Aluminium and fitted with 5 nos. twin wheel castors. The pedestal should be 65.0 ± 0.5 cm. pitch-center dia. (75.0 ± 1.0 cm. With castors.)</p> <p>8. TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in Black Polypropylene. All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	3
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26	27	Leather Visitor	<p>1) SEAT/BACK ASSEMBLY : The Cushioned seat should be made of Injection molded Plastic outer & inner. Plastic Inner should be upholstered with pure leather and moulded High Resilience (HR) Polyurethane foam of Density 45 ± 2 kg/m³, and hardness load 16 ± 2 kgf for 25% compression. The Cushioned back should be made of PU Foam with insitu molded MS E.R.W Round Tube of size 1.9 ± 0.03 cm x 0.16 ± 0.0128 cm. It upholstered with Pure Leather since its APO</p> <p>Seat SIZE : 47.6 cm. (W) x 49.2 cm. (D)</p> <p>BACK SIZE : 46.5 cm. (W) x 59.5 cm. (D)</p> <p>3) Visitor TUBULAR FRAME: The tubular frame should be cantilever type and made of $\varnothing 2.54 \pm 0.03$ cm X 0.02 ± 0.016 cm thick SS 202 tube. The back should be connected to frame through chrome plated high pressure die case connector piece. All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	12
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27	28	LEATHERITE CONFERENCE CHAIR	<p>1. SEAT SIZE 51.0cm.(W) X 48.0cm.(D)</p> <p>2.HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam for seat and back should be moulded with density = 45 +/-2 kg/m³ and Hardness load 16 ± 2 kgf for 25% compression.</p> <p>3.ARMRESTS Kareena The armrest top should be made of moulded polyurethane (P.U) and mounted on to a fixed type M.S. tubular armrest support chrome plated. The arm support has static vertical adjustment of ±1.5±0.05cm.</p> <p>4.FRONT PIVOT SYNCHRO mechanism: The mechanism should be designed with the following features:</p> <ul style="list-style-type: none"> • 360° revolving type. • Single point control. • Front pivot for tilt with feet resting on ground ensuring more comfort. • Tilt tension adjustment. • 4-position locking with anti-shock feature. • Seat back tilting ratio of 1:2. . <p>6.PNEUMATIC HEIGHT ADJUSTMENT The pneumatic height adjustment has an adjustment of 9.0 ±0.3cm.</p> <p>7.PEDESTAL ASSEMBLY:The pedestal should be fabricated from 0.2 ± 0.02 cm thick HR sheet (should be : DD 1079 / HR skin pass), chrome plated and assembled with injection moulded black polypropylene hub cap and 5 nos. twin wheel castors. The pedestal should be 66.0 ±0.5cm. Pitch-center dia. (76.0 ±1.0cm. with castors).</p> <p>8.TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in black Nylon since its APO.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	16
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28	29	High back Revolving Chair	<p>1. SEAT/BACK ASSEMBLY:-The seat/back shall be made up of 1.2 ±0.1cm thick hot pressed plywood method described in and upholstered with fabric and moulded Polyurethane foam together with moulded seat and back covers. The back foam is designed with contoured lumbar support for extra support since its APO</p> <p>2.HI RESILIENCE(HR) POLYURETHANE FOAM: The HR Polyurethane foam should be moulded with density 45±2kg/m³-and Hardness load 16 ±2 kgf for 25% compression.</p> <p>3.SEAT/BACK COVERS:The seat cover shall be injection moulded in black co-polymer polypropylene and back cover should be vacuum formed from ABS sheets.</p> <p>4.ARMRESTS: The one-piece armrests shall be made of black integral skin polyurethane with 50-70 Shore 'A' Hardness and reinforced with M.S. insert. The armrests shall be scratch and weather resistant. The armrests shall be fitted to the seat with seat/armrest connecting strip assembly made of 0.5 ±0.05-cm. thick HR steel.</p> <p>5.CENTER TILT MECHANISM:The center tilt mechanism shall be designed as-360° revolving type, 17° ±2° maximum tilt on pivot at center, Upright position locking, Tilt tension adjustment.</p> <p>6.PNEUMATIC HEIGHT ADJUSTMENT:The pneumatic height adjustment shall have an adjustment stroke of 12.0 ±0.3cm.</p> <p>7.TELESOPIC BELLOW ASSEMBLY: The bellow shall be 3 piece telescopic type and injection moulded in black Polypropylene.</p> <p>8.PEDESTAL ASSEMBLY: The pedestal shall be injection moulded in black 33% glass-filled Nylon-66 and fitted with 5 nos. twin wheel castors. All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	47
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29	30	Visitor chair with arms	<p>1. SEAT/BACK ASSEMBLY: The seat/back shall be made up of 1.2 ±0.1cm thick hot pressed plywood and upholstered with fabric and moulded Polyurethane foam together with moulded seat and back covers. The back foam shall be designed with contoured lumbar support for extra comfort. The dimensions of back shall be-(W)50.0 cm x (H)49.0 Cm and of seat shall be-50.0 cm (W) x 46.5cm. (D).</p> <p>2.HIGH RESILIENCE(HR) POLYURETHANE FOAM: The HR Polyurethane foam shall be moulded with density 45±2kg/m³-and Hardness load 16 ±2 kgf for 25% compression. since its APO</p> <p>3.SEAT/BACK COVERS: The seat cover shall be injection moulded in black co-polymer polypropylene and back cover should be vacuum formed from ABS sheets.</p> <p>4.ARMRESTS: The one-piece armrests shall be made of black integral skin polyurethane with 50-70 Shore 'A' Hardness and reinforced with M.S. insert. The armrests shall be scratch and weather resistant tant. The armrests shall be fitted to the seat with seat/armrest connecting strip assembly made of 0.5 ±0.05-cm. thick HR steel.</p> <p>5.TUBULAR UNDERSTRUCTURE: The tubular frame shall be cantilever type & made of 0 2.54±0.03cm x 0.2 ±0.016cm.thk M.S. E.R.W tube and black powder coated (DFT 40-60 microns) All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	94
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30	31	Mesh Mid Chair with Head rest	<p>1. SEAT/BACK ASSEMBLY: The seat should be made up of insert moulded Polyurethane Foam upholstered with foam laminated mesh fabric. The insert moulded foam should be assembled over a load bearing plastic seat cover. The back has adjustable lumbar support for achieving comfortable seating posture as per the APO</p> <p>2. POLYURETHANE FOAM: The polyurethane foam for seat should be moulded with density = $65 \pm 5 \text{ Kg/m}^3$.</p> <p>3. ARMRESTS (ADJUSTABLE): The armrest top should be injection moulded in polyurethane and mounted on the injection moulded height adjustable type armrest. The armrest height should be adjustable up to $4.5 \pm 0.5 \text{ cm}$ in 3 steps & width adjustable up to 20mm.</p> <p>4. FRONT PIVOT SYNCHRO mechanism: The mechanism should be designed with the following features:</p> <ul style="list-style-type: none"> • 360° revolving type. • Single point control. • Front pivot for for tilt with feet resting on ground ensuring more comfort. • Tilt tension adjustment. • 4-position locking with anti-shock feature (including the upright position lock) <p>5. CONNECTING SPINE BRACKET: Spine bracket should be made of Aluminum diecast piece connecting back with mechanism.</p> <p>6. PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment of $9.0 \pm 0.3 \text{ cm}$.</p> <p>7. PEDESTAL ASSEMBLY: Pedestal should be made of Die cast Aluminium fitted with 5 nos. twin wheel castors . The pedestal should be of $66.0 \pm 0.5 \text{ cm}$ Pitch center ($76.0 \pm 1.0 \text{ cm}$ with castors).</p> <p>8. TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in black nylon. All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	5
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31	32	Mesh Mid Back visitor	<p>1. SEAT/BACK ASSEMBLY: The seat should be made of plywood and upholstered with moulded Polyurethane Foam and foam laminated mesh fabric. The back should be made up of two piece injection moulded frame. The inner frame should be upholstered with mesh fabric and mounted on the main assembly. The back has adjustable lumbar support for achieving comfortable seating posture since its APO.</p> <p>2. POLYURETHANE FOAM: The polyurethane foam for seat should be moulded with density = $65 \pm 5 \text{ Kg/m}^3$.</p> <p>3. CONNECTING SPINE BRACKET: Spine bracket should be made of Aluminum diecast piece connecting back with mechanism.</p> <p>4. LEG FRAME ASSEMBLY: The sled base Leg frame welded assembly should be made from MS ERW round tube with base plate for seat fixing. All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	15
32	33	Fabric Mid back	<p>1. SEAT/BACK ASSEMBLY: The seat and back should be made up of $1.2 \pm 0.1 \text{ cm}$. thick hot-pressed plywood and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam should be designed with contoured lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal area at the time of the APO BACK SIZE 47.5 cm. (W) x 58.0 cm (H) SEAT SIZE 47.0 cm. (W) x 48.0 cm. (D)</p> <p>2. HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam should be moulded with density = $45 \pm 2 \text{ kg/m}^3$ and hardness load $16 \pm 2 \text{ kgf}$ for 25% compression.</p> <p>3. ARMRESTS : The one-piece armrests should be injection moulded from black Co-polymer Polypropylene.</p> <p>4. CENTER TILT SYNCHRO mechanism: The mechanism should be designed with the following features: • 360° revolving type. • Upright-position locking • Tilt tension adjustment • Seat/back tilting ratio of 1:3.</p> <p>5. PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of $12.0 \pm 0.3 \text{ cm}$.</p> <p>6. TELESCOPIC BELLOW ASSEMBLY: The bellow should be 3 piece telescopic type and injection moulded in black Polypropylene.</p> <p>7. PEDESTAL ASSEMBLY: The pedestal should be injection moulded in black 33% glass-filled Nylon-66 and fitted with 5 nos. twin wheel castors. The pedestal should be $66.3 \pm 0.5 \text{ cm}$. pitch-center dia. ($76.3 \pm 1.0 \text{ cm}$ with castors).</p> <p>8. TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in Black Nylon since its APO All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	100

33	34	Fabric Visitor Chair	<p>1. SEAT/BACK ASSEMBLY: The seat and back should be made up of 1.2 ±0.1cm. thick hot-pressed plywood and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam should be designed with contoured lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal should be a. BACK SIZE 47.5 cm. (W) x58.0 cm (H) SEAT SIZE 47.0 cm. (W) x 48.0 cm. (D)</p> <p>2. HIGH RESILIENCE (HR) POLYURETHANE FOAM (Apo): The HR polyurethane foam should be moulded with density = 45±2 kg/m³ and hardness load 16 ± 2 kgf for 25% compression.</p> <p>3. ARMRESTS :The one-piece armrests should be injection moulded from black Co-polymer Polypropylene.</p> <p>4. TUBULAR FRAME: The powder coated (DFT 40-60 microns) tubular frame should be cantilever type & made of 0 2.54 ±0.03cm. x 0.2 ±0.016cm.thk. M.S. ER.W. Tube All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge. Make Godrej/Haworth & Steelcase</p>	Nos	8
34	35	Plastic M/S Chair	<p>1) SEAT/BACK: The Seat and Back should be made up of injection moulded indoor grade PolyPropylene compound (APO) SEAT SIZE : 52.5 cm. (W) x 53.2 cm. (D) BACK SIZE : 51.6 cm. (W) x 40.5 cm. (H)</p> <p>2) POWDER COATED UNDERSTRUCTURE: The powder coated (DFT 50±10 microns) welded tubular frame should be made from 0 2.22 ± 0.03 cm x 0.16 ± 0.0128 cm and 3.5 ± 0.03 cm x 1.5 ± 0.03 cm x 0.16 ± 0.0128 cm MSERW tube.</p> <p>3) SHOE : The shoes should be made of indoor grade PolyPropylene compound and snap fitted with tubular frame.</p> <p>4) FABRIC cushion upholstery-BLACK COLOUR. All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	120

35	36	Plywood Chair Without Arms	<p>1)Staq SEAT/BACK SHELL The seat-back shell should be made up of 1.2 ±0.1cm. thick hot pressed plywood and laminated with natural veneer in three different shades of Teak & Mahogany since its APO</p> <p>BACK SIZE: 42.0cm. (W) X 45.0cm. (H)</p> <p>SEAT SIZE: 44.0cm. (W) X 40.0cm. (D)</p> <p>2)TUBULAR UNDERSTRUCTURE: The understructure should be made of M.S. tube 0 1.9 ±0.02cm. x 0.16 ±0.0128cm. thk. and black powder coated (DFT 40-60 microns).All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. TThe work shall be carried as per the instructions of engineer in charge.</p>	Nos	28
36	37	LEATHERITE 3 SEATER SOFA	<p>1) SEAT FOAM(APO): The seat should be made of PU foam with Density 32 ± 2 kg/cu.mtr having an additional top layer of J PU foam with Density 28 ± 2 kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density 28 ± 2 kg/cu. mtr with two additional top layer of supersoft foam of density 23±2 kg/cu. mtr, upholstered with fabric or leatherette</p> <p>3) UNDERSTRUCTRE : Understructure should be made up of 1.2±0.1 cm. thick hot pressed plywood OCP-QLTA-PL14-18 4. Dia 4mm zigzag spring assembly should be mounted in understruCture for support and additional cushioning purpose</p> <p>4) LEG ASSEMBLY: It should be a welded assembly made in Stainless steel (grade SS 202) tube & plate.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	2

37	38	Leatherette Sofa 2 SEATER	<p>1) SEAT FOAM: The seat should be made of PU foam with Density 32 ± 2 kg/cu.mtr having an additional top layer of J PU foam with Density 28 ± 2 kg/cu. Seat should be upholstered with fabric or leatherette. 2) BACK FOAM: The back should be made of PU foam with Density 28 ± 2 kg/cu. mtr with two additional top layer of supersoft foam of density 23 ± 2 kg/cu. mtr, upholstered with fabric or leatherette since its APO</p> <p>3) UNDERSTRUCTRE : Understructure should be made up of 1.2 ± 0.1 cm. thick hot pressed plywood OCP-QLTA-PL14-18 4. Dia 4mm zigzag spring assembly should be mounted in understruCture for support and additional cushioning purpose</p> <p>4) LEG ASSEMBLY: It should be a welded assembly made in Stainless steel (grade SS 202) tube & plate.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	6
38	39	Premium lounge Sofa 3 seater	<p>1)Premium Lounge SIDE FRAME ASSEMBLY: The side frame assembly should be fitted to the two ends of the connecting beam assembly to form the leg-cum-armrest assembly. It should be made of 0.381 ± 0.03cm. x 0.2 ± 0.016cm. thick cmx0.16cnn in APO</p> <p>3)SEATREST ASSEMBLY:The seat rest assembly conssshould be ts of a fabricated inner-frame assembly insitu-moulded High Resilience (HR) Polyurethane foam having density = $45 +1- 2$ Kg/m³ with Hardness load 25 ± 2 kgf for 25% compression of the foam. The complete moulded seat rest assembly should be covered with a replaceable fabric upholstery coverSEAT SIZE: 52.0cm. (W) X 50.0cm. (D) X 6.0cm. (T)</p> <p>4)BACKREST ASSEMBLY:The backrest assembly should be flexing type and conssshould be ts of a fabricated inner-frame assembly insitu-moulded with High Resilience (HR) Polyurethane foam having density = $45 +1- 2$ Kg/m³ with Hardness load 14 ± 2 kgf for 25% compression of the foam. TACK SIZE: 52.0cm. (W) X 59.0cm. (H) X 6.0cm. (T).All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	10

39	40	Premium lounge Sofa 2 seater	<p>1)SIDE FRAME ASSEMBLY: Premium lounge sofa The side frame assembly should be fitted to the two ends of the connecting beam assembly to form the leg-cum-armrest assembly. It should be made of 0 3.81 ±0.03cm. x 0.2 ±0.016cm. thick cmx0.16cm</p> <p>3)SEATREST ASSEMBLY:The seat rest assembly should be made of a fabricated inner-frame assembly insitu-moulded High Resilience (HR) Polyurethane foam having density = 45 +1- 2 Kg/m³ with Hardness load 25 ± 2 kgf for 25% compression of the foam. The complete moulded seat rest assembly should be covered with a replaceable fabric upholstery cover since its APO</p> <p>*SEAT SIZE: 52.0cm. (W) X 50.0cm. (D) X 6.0cm. (T)</p> <p>4)BACKREST ASSEMBLY:The backrest assembly should be flexing type and should be made of a fabricated inner-frame assembly insitu-moulded with High Resilience (HR) Polyurethane foam having density = 45 +1- 2 Kg/m³ with Hardness load 14 ± 2 kgf for 25% compression of the foam. TACK SIZE: 52.0cm. (W) X 59.0cm. (H) X 6.0cm. (T) All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	5
40	41	STEEL 3 SEATER BENCH	<p>1) CROSS BEAM (APO): It should be made up of black powder coated rectangular M.S.ERW tube having 8.0 ± 0.03 cm x 4.0 ± 0.03 cm x 0.2 ± 0.014 cm size.</p> <p>2)LEG AND ARMREST: It should be chrome plated made of cold rolled steelwith 0.12 ± 0.013 cm thickness.</p> <p>3)SEAT BACK SHELL: It should be powder-coated perforated shell made from cold rolled M.S. sheet (DIN 1023 Part1 ST-12 Grade) 0.15 ± 0.013 cm thickness.The Side Bar should be made of Chrome plated solid steel 3.0 ± 0.03 cm x 1.2 ± 0.3 cm with fluting and plastic inserts. The Shell should be assembled on the Cross Beam with help of M8 Bolts (Per Seat - 8 nos. Seat to Bracket and 4nos. Bracket to Cross Beam).All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	51
41	42	Metal SINGLE BED	<p>Single Bed Overall Size: Length- 2060.0 mm Width - 1001.0 mm Seating Height - 403.0 mm Total Height - 956.0 mm, Internal Dimensions: Width - 922.0 mm Length - 1980.0 mm, Material: M.S. Pipe in 1.2 mm Thickness., Construction: Knockdown construction., Finish: Epoxy powder coated to the thickness of 50 microns (+- 10) in Textured Black Colour.All metal components should be pre treated with zinc phosphating in 8 tank process and then powder coated with epoxy polyester powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	4

42	43	<p>QUEEN BED +2 DOOR WARDROBE + BED SIDE TABLE for VVIP ROOMS</p>	<p>Queen Bed Set - Providing and Placing double bedH having Queen BED- 191W x 223.5L x 109.5H+2DOOR WARDROBE APO- 94.6W x 59.8D x 194.1H , BED SIDE TABLE -44W x 45D x 51HTheOverall Size frames made of M.S. Channels in 1.0 mm Thickness. Horizontal plinths and bottom plinth are made of 25 mm Thick Prelaminated Particle Board. Plinth support assembly is made of M.S. 25 mm square pipe in 1.2 mm thickness. Head board is made of 18 mm thick Prelaminated board with imported H.D.F. foil wrapped decorative trims fixed to it. Tail board is made of 18 mm thick Prelaminated Particle board with imported H.D.F. foil wrapped decorative trims fixed to it. Side rail is made of 18 mm thick Prelaminated Particle board with imported H.D.F. foil wrapped decorative trims fixed on to it. Mattress panels of Bed are made of 18 mm thick Prelaminated Particle Board with all the exposed edges are edge banded with 0.8 mm thick PVC edge banding. powder coated in shade Mat Black to the thickness of 50 microns (+-10). Overall Size: Depth - 450.0 mm Width - 440.0 mm Height - 510.0 mm Material : Body and drawer panels of Bed side table are made of 18 mm thick Prelaminated Particle Board. All the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Side panels are made of 18 mm thick Prelaminated Particle board with imported H.D.F. foil wrapped decorative trim fixed on to it. Hardware : The high quality hardware used like Roller slides, Hinges , minify, dowels is of make Hettich.. Door are made of 18 mm thick Prelaminated Particle board with all the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Width - 946.0 mm Depth - 598.0 mm Height - 1941.0 mm Side panel are made of 18 mm thick Prelaminated Particle board with all the exposed edges are edge banded with 0.8 mm thick PVC edge banding and with imported H.D.F. foil wrapped decorative trim fixed on to it. Drawer components are made of 18 mm thick Prelaminated Particl Board . All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	1
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43	44	TV UNIT	<p>TV UNIT- Overall Size including top cornice : Width - 1150.0 mm Depth - 473 mm Height - 830 mm Material Board Particle ,Body panels are made of 18 mm thick Prelaminated Particle All the exposed edges are edge banded with 2 mm thick PVC edge banding. ,Door are 18 mm thick made of 18 mm P.V.0 membrane pressed MDF. ,Drawer components are made of 18 mm thick Prelaminated Board .All the exposed edges are edge banded with 2 mm thick PVC edge banding. The high quality hardware used like Satin finish Handles of make SWASTIK, Door Hinge Slide- On 2333, rastex 15, wooden dowels is of make Hettich.. Knock Down construction. 18 mm thick Prelaminated Particle Board is in Colarain Shade for Dark Chocolate. Cinnamon Shade for Flutter Finish :. PVC membrane pressed MDF is in Wenge Realistic Pore Shade for Dark Chocolate Vermont V 45309 for Flutter & Squadro.All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	2
44	45	<p>QUEEN BED+2 DOOR WARDROBE + BED SIDE TABLE FOR VIP ROOMS</p>	<p>Queen Bed Set - Providing and Placing double bedH having Bed BED- 191W x 223.5L x 109.5H+2DOOR WARDROBE APO- 94.6W x 59.8D x 194.1H , BED SIDE TABLE1 qty -44W x 45D x 51Hstructure of metal frames made of M.S. 25mm square. Pipes in 1.2mm thickness and M.S. Chanbels in 1.0mm thkness. Partition panels and plinthsc made of 25mm thick. Prelaminated particle board. Head board and tail board made of 25mm thick P.V.C membrane pressed MDF. Side board, Mattresss panels and drawers panels of bed are made of 18mm thick prelaminated particle board with all the exposed edges edge banded with 2mm thick PVC edge banding. Knock down construction. PVC membrane pressed MDF of head board and tail board in dark chocolate finish. 18mm thick preaminated particle board in Colarain shade. Metal frames powder coated in shade Matt Black to the thickness of 50 microns (+-10) etcP Choclat King Bed double bed with size BED- 191W x 223.5L x 109.5H+2DOOR WARDROBE APO- 94.6W x 59.8D x 194.1H , BED SIDE TABLE -44W x 45D x 51H. Hardware : The high quality hardware used like Roller slides, Hinges , minify, dowels is of make Hettich.. Door are made of 18 mm thick Prelaminated Particle board with all the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Width - 946.0 mm Depth - 598.0 mm Height - 1941.0 mm Side panel are made of 18 mm thick Prelaminated Particle board with all the exposed edges are edge banded with 0.8 mm thick PVC edge banding and with imported H.D.F. foil wrapped decorative trim fixed on to it. Drawer components are made of 18 mm thick Prelaminated Particl BoardAll metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.</p>	Nos	1

45	46	Modular Kitchen- Colour -Berry Brunch	Modula Kitchen G&B Shutter 600 mm-2 qty, 2 Drawer Unit with Tandembox (350H + 350H) 600 mm – 3 qty, Top Plain Shelf Unit with Narrow AI Glass Shutter with Soft Close Hinges 450 mm-2qty, Bifold Lift up Unit 600 mm-4 qty, Top Plain Shelf Unit 600 mm-2qty, Corner Top Unit 600 x 300 mm-1 qty, 100mm Filler-1 qty , Hinged Unit below Sink 800 mm-1 qty, Plain Shelf Unit 450 mm- 1qty, Thali Unit - Quadro 600 mm-1qty, Cooking Unit - Quadro 600 mm 1qty, Utensil Unit - Quadro 600 mm-1qty, 3 Drawer Unit with Tandembox 600 mm 4qty, Bottle Pullout Unit 200 mm – 1qty, Corner Organiser Unit 1000 mm 1qty, SKIRTING (REHAU) SYSTEM-100mm BRUSHED ALUMINIUM -6 qty, BRUSHED ALUM. SKIRTING 100mm HARDWARE PACKET FOR KITCHEN CABINETS – 1qty, Legs 100 mm-34 qty, Handle Arc 128 mm pitch -44qty,, Granite and Sink - 1 qty, Hardware packet for Kitchen 3qty All metal components should be pre treated with zinc phosphating in 8 tank porcess and then powder coated with epoxy polyster powder coating. Goods should be supplied in knocked down construction and should have low VOC emission. The work shall be carried as per the instructions of engineer in charge.	Nos	1
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