**PR NO: M2/12/1200011112/BRK Specifications**

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| 1. **WORK STATION (ALUMINIUM FRAME) : QTY: 2 NOS**   **Material Code No. HY7802161908** |
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| Work Station model consisting of partition panels of 32 mm Aluminium frame, fabricated panels and glass on the upper portion, 1325 mm height. Work top of 25 mm thick high density particle board, with melamine lamination. Each module consists of four persons seating capacity. Each work station will be of dimension of 2450 mm (L) x 1550 mm (W) x 1250 mm (H). Each work station shall be provided with key board tray and CPU stand. |
| 1. **EXECUTIVE OFFICE DESK: -QTY: 5 NOS**   **Material Code No. HY7802161770** |
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| Main Office Desk consists of Desk Top, attached side desk, top made of high density particle board with malamine lamination, with post forming legs for main desk and free standing legs for side desk and consists key board tray and CPU Stand. |
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| **TOP:-** Main Office Desk Top material consists of high density particle board with melamine lamination, the table top consists of 25 mm thickness.  Size: 1500 mm (L) x 750 mm (W) |
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| **EDGE PROFILE**:- Edge shall be full round. |
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| **UNDER STRUCTURE:-** |
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| **LEGS:-** Made from 20 mm thickness pre-laminated particle board, having straight profile with full round edges and clad with post forming laminate.  Size: 650 mm (W) x 700 mm (H) - 2 Nos.  **MODESTY:-** Modesty panel has to be made from pre-laminated board of 18 mm thick having straight profile with post forming laminate. The modesty panel shall be fixed to the top and legs of Main Office Desk, with powder coated iron brackets made of HR Steel. Size: 1300 mm (L) x 700 mm (W) - 1 No. |
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| 1. **SIDE DESK (RH/LH) TOP PARTICLE BOARD 25MM - QTY: 3 NOS**   **Material Code No. HY5111762019** |
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| Side Desk material consists of attached side top made of high density particle board with malamine lamination, with post forming, free standing legs and consists key board tray and CPU Stand. |
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| **TOP:-** Side Desk Top material consists of high density particle board with malamine lamination, 25 mm thickness.  One side of Side desk top should be fixed to the main office desk top, with powder coated iron brackets made of HR Steel.  Size: 1000 mm (L) x 500 mm (W) |

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| **EDGE PROFILE:-** Edge shall be full round. |
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| **UNDER STRUCTURE:** |
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| **LEGS:-** Made from 25 mm thickness pre-laminated particle board, having straight profile with full round edges and clad with post forming laminate.Size: 400 mm (W) x 650 mm (H) - 1 No. |
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| **MODESTY:-** Modesty panel has to be made from pre-laminated board of 18 mm thick having straight profile with post forming laminate. One side of modesty shall be fixed with powder coated iron brackets made of HR Steel to the leg of Main Office Desk and other side shall be fixed with powder coated iron brackets made of HR Steel to the leg of Side Desk.  Size: 1050 mm (L) x 700 mm (W) - 1 No.  ]  **NOTE:- Round shape openings (60 mm dia) shall be made in the corners of Top panels of Main Office Desk and**  **Side Desk, along with PVC round caps for running of power, data and voice cables.** |

1. **IRON FIXED PEDESTAL DRAW UNIT- QTY: 11 NOS.**

**Material Code No. HY7802161673**

Iron fixed metal pedestal with three drawer of size 400 mm (W) x 450 mm (D) x 660 mm (H). Drawers shall be sliding type, bottom drawer height shall be 300 mm, height of the middle and top drawer shall be equal size. Drawers shall be with locking arrangement with two keys. The metal gauge of the cabinet shall be 20. Bottom of Iron fixed Pedestal shall be fixed with suitable bushes.

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| 1. **MEDIUM BACK MAIN CHAIR - QTY: 2 NOS**   **Material Code No. HY7802161657** |
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| **SEAT / BACK ASSEMBLY:-** The seat / back are to be made of 12 mm thick hot pressed ply wood, upholsted with changeable upholstery fabric covers and moulded polyurethene foam, together with moulded back - spine cover. The back foam is to be designed wih counter lumbar support for extra comfort. The Polyurethene foam is moulded with density - 45 ± 2 Kg/Cu. m and hardness = 20 ± 2 on hampden machine at 25% compression. Rear side of the Back rest and bottom of the Seat shall be covered with Black Polypropelene covers.  Seat Height : 415 mm to 530 mm  Height of Chair: 930 mm to 1050 mm  Back Rest Size: 450 mm (W) x 530 mm (H) |
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| **ARM REST:-** Arm rest are to be made of Black integral skin polyurethane with 50 to 70 shore hardness and reinforced with MS insert. The arm rest should be scratch and weather resistant. The arm rest are to be fitted to the seat and back with arm rest connecting strip assembly, made of 0.5 Cm thick HR steel. |
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| **PERMEANENT CONTACT MECHANISM:-** The permanent contact mechanism with 360 degree revolving facility and provision for back tilt arrangement. Required facility for tilt tension adjustment has to be provided. |
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| **HEIGHT ADJUSTMENT:-** The Gas lift for height adjustment may be of personalized choice, with upright position locking arrangement. |
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| **TELESCOPIC BELLOW ASSEMBLY:-** The bellow with three piece telescopic type and injuction moulded in Black poly propylene. |
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| **PEDESTAL ASSEMBLY:-** The pedestal has to be fabricated using 0.2 Cm thick CR Steel, powder coated and fitted with an injuction moulded in Black Polypropylene hub cap. 5 Nos. of twin wheel castors are to be provided. The castor wheels made of Nylon material and twin wheel castors with hood for extra protection may be used. |

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| 1. **VISITOR CHAIR (NON-REVOLVING TYPE) - QTY: 42 NOS**   **Material Code No. HY7802161665** |
| **SEAT / BACK ASSEMBLY:-** The seat / back are to be made of 12 mm thick hot pressed ply wood, upholster with changeable upholstery fabric covers and moulded polyurethane foam, together with moulded back - spine cover. The back foam is to be designed with counter lumbar support for extra comfort. The Polyurethane foam is moulded with density - 45 ± 2 Kg/Cu. m and hardness = 20 ± 2 on hampden machine at 25% compression. Rear side of the Back rest and bottom of the Seat shall be covered with Black Polypropylene covers. Seat Height : 440 mm  Height of Chair: 805 mm  Width of Chair: 550 mm  Depth of Chair: 610 mm |
| **ARM REST:-** Arm rest are to be made of Black integral skin polyurethane with 50 to 70 shore hardness and reinforced with MS insert. The arm rest should be scratch and weather resistant. The arm rest are to be fitted to the seat and back with arm rest connecting strip assembly, made of 0.5 Cm thick HR steel. |

1. **VERTICAL STORAGE WITH SLIDING DOOR UNIT – QTY: 8 NOS**

**Material Code No. HY7802161681:**

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|  | **Construction:** CRCA steel conforming to IS 513 Gr. D. with metal door and wooden top. The minimum thickness of CRCA steel is 1.00 mm and the thickness of pre laminated particle board is 25 mm. The edges of PLB are to be finished with 2mm thick PVC lipping. Provision of metal top (below PLB) has to be ensured. |
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|  | **Dimensions:** 900 mm (W) 450 mm(D) x 1200 mm(H) approx. |
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|  | **Sliding door arrangement:** Full height sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with two plastic rollers having steel ball bearing for smooth movement of door. |
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|  | **Locking & Handle:**Aesthetically appealing die cast 5 lever cam lock with 2 keys. Keys should have unique system such that interchangeability with other unit is not there. Handle shall be of plastic flush & recessed modal. |
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|  | **Shelves:** CRCA steel confirming to IS 513 Gr. D thickness 1.00 mm (minimum) – height wise adjustable shelf mounting. Uniformly distributer load carrying capacity of 70 kg maximum for each self . Two numbers of adjustable shelves per storage unit. ( 3 levels formed by 2 Nos. of adjustable shelves).   |  |  | | --- | --- | |  | **Painting:** Epoxy polyester powder coated to the thickness of minimum 40 microns. Before powder coating , metal surfaces are to be treated for antirust. | |
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|  | 1. **VERTICAL STORAGE WITH SLIDING DOOR UNIT (SMALL) – QTY: 9 NOS**   **Material Code No. HY7802161746** |
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|  | **Storage unit:** Required for the storage of variety of documents., office files, stationary items, manuals, documents etc. |
|  | **Construction:** CRCA steel conforming to IS 513 Gr. D. with metal door and wooden top. The minimum thickness of CRCA steel is 1.00 mm and the thickness of pre laminated particle board is 25 mm. The edges of PLB are to be finished with 2mm thick PVC lipping. Provision of metal top (below PLB) has to be ensured. |
|  | **Dimensions:** 900 mm (W) x 450 mm(D) x 750 mm(H) approx. |
|  | **Sliding door arrangement:** Full height sliding door with top hanging arrangement to prevent derailment. Each door shall be provided with two plastic rollers having steel ball bearing for smooth movement of door. |
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|  | **Locking & Handle:** Aesthetically appealing die cast 5 lever cam lock with 2 keys. Keys should have unique system such that interchangeability with other unit is not there. Handle shall be of plastic flush & recessed modal. |
|  | **Shelves:** CRCA steel confirming to IS 513 Gr. D thickness 1.00 mm (minimum) – height wise adjustable shelf mounting. Uniformly distributer load carrying capacity of 70 kg maximum for each self . Two numbers of adjustable shelves per storage unit. ( 2 levels formed by 1 No. of adjustable shelf).  **Painting:** Epoxy polyester powder coated to the thickness of minimum 40 microns. Before powder coating, metal surfaces are to be treated for antirust. |
|  | 1. **CUSHION CHAIRS (REVOLVING TYPE)- QTY: 9 NOS**   **Material Code No. HY7802161762** |
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|  | **Seat/ Back Assly:** The seat and Back are to be made of 12 mm thick hot pressed plywood, upholstered with changeable fabric upholstery covers and moulded polyurethane foam, together with moulded back –spine cover. The back foam is to be designed with counter lumbar support for extra comfort.  **Seat ply size (Approx):** 45 cm (W) x 53 cm (H) |
|  | **Polyurethane foam :** The polyurethane foam is moulded with density=45+/- 2Kg /cu.mtr and Hardness  = 20+/- 2 on Hampden machine at 25 % compression. |
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|  | **Armrests:** The armrests are to be made of black integral skin polyurethane with 50-70 shore hardness and reinforced with MS insert. The armrests should be scratch and weather resistant. The armrests are to be fitted to the seat with seat/ armrest connecting strip assembly made of 0.5 cm thick HR steel. |
|  | **Permanent contact mechanism :** The permanent contact mechanism with 360 degree revolving facility and provision for back tilt arrangement. Required facility for tilt tension adjustment has to be provided. |
|  | **Height adjustment:** The gas lift for height adjustment may be of personalized choice with upright position locking arrangement. |
|  | **Telescopic below assembly:** The below with 3 piece telescopic type and injection moulded in black polypropylene. |
|  | **Pedestal Assembly:** The pedestal has to be fabricated using 0.2cm thick CR. Steel, powder coated and fitted with an injection moulded in black polypropylene hub cap. 5 Nos of twin wheel castors are to be provided. The castor wheels made of nylon material and twin wheel castors with hood for extra protection may be used. |
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|  | **Dimensions (Approx.):** |
|  | Seat height = 41.5 - 53.5 cm., Width of chair = 70 cm |
|  | Height of chair = 93.5 – 105.5 cm, Depth of chair = 70 cm |

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| 1. **EXECUTIVE OFFICE DESK- MAIN DESK- QTY: 1 NO**   **Material Code No. HY7802161690** |
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| Main Executive Office Desk consists of Main Desk Top, attached side desk top, made of high density particle board with malamine lamination, with post forming legs for main desk and free standing legs for side desk and consists key board tray, Wooden Mobile Pedestal Draw Unit and CPU Stand. |
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| **MAIN DESK TOP:-** Main Desk Top material consists of high density particle board with melamine lamination, the table top consists of 25 mm thickness. Bottom of the top at front side shall be supported with member of pre-laminated particle board in curved shape i.e. 75 mm in the middle and 25 mm at the ends.  Size: 1800 mm (L) x 900 mm (W) |
| Both sides of the top shall be supported with member of pre-laminated particle board in curved shape i.e. 75 mm in the middle and 25 mm at the ends, as shown in photograph. | |
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| **EDGE PROFILE: -** Edge Profile of the top shall be full round. | |
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| **UNDER STRUCTURE:-** | |
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| **LEGS:-** Made from 20 mm thickness pre-laminated particle board, having straight profile with full round edges and clad with post forming laminate.  Size: 775 mm (W) x 725 mm (H) - 2 Nos. | |
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| **EDGE PROFILE:-** Edge profile of the legs shall be extended with member of pre-laminated particle board in curved design i.e. by 75 mm in 45 degrees angle, as shown in photograph. | |
| **MODESTY:-** Modesty panel has to be made from pre-laminated board of 18 mm thick having straight profile with post forming laminate. he modesty panel shall be fixed to the top and legs of Main Executive Office Desk, with powder coated iron brackets made of HR Steel. Size: 1560 mm (L) x 725 mm (W) - 1 No. | |

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|  | 1. **SIDE DESK (RH / LH) TOP PARTICLE BOARD 25 MM – QTY: 1 NO**   **Material Code No. HY7802161703** | |
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|  | Side Desk (RH/LH) material consists of attached side top made of high density particle board with malamine lamination with post forming, free standing legs and consists key board tray and CPU Stand. |
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|  | **TOP:-** Side Desk Top material consists of high density particle board with malamine lamination, 25 mm thickness. One side of Side desk top should be fixed to the main office desk top, with powder coated iron brackets made of HR Steel. Other side of Desk Top shall be rested on fixed pedestal draw unit, with 4 Nos. of round shaped wooden chairs.  Size: 1195 mm (L) x 600 mm (W) |
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|  | **EDGE PROFILE:-** Edge profile shall be full round. |
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|  | **Note:- Round shape openings (60 mm dia) shall be made in the corners of Top panels of Main Desk Top / Side Desk Top, as per requirement, along with PVC round caps for running of power, data and voice cables.** |

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| 1. **WOODEN MOBILE PEDESTAL DRAW UNIT – QTY: 1 NO**   **Material Code No. HY7802161711** |
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| Material consists of high density particle board with malamine lamination, with 3 Nos. of Castor wheels in front side of the unit (Two big wheels and one small wheel) and 2 Nos. of Castor wheels at rear side of the unit to be provided, having two drawers of size 400 mm (W) x 495 mm (D) x 500 mm (H).  Top plank shall be thickness of 25 mm with half round edge profile at front side. Drawer shall be sliding type with high quality sliding units. Bottom drawer height shall be 300 mm and height of the top drawer shall be 150 mm, as shown in photograph. Drawers shall be with locking arrangement with two keys. |

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| 1. **WOODEN FIXED PEDESTAL DRAW UNIT –QTY: 1 NO**   **Material Code No. HY7802161720** |
| Material consists of high density particle board with melamine lamination, having three drawers of equal size of 400 mm (W) x 495 mm (D) x 150 mm (H). Top plank shall be thickness of 25 mm with half round edge profile at front side. Drawer shall be sliding type with high quality sliding units. Drawers shall be with locking arrangement with two keys. The fixed pedestal unit shall be fixed with 4 Nos. of legs of size 100 mm (H).  The fixed pedestal unit shall be fixed with 4 Nos. of chairs of size 100 mm (H) at top of the unit and side desk top. |
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| |  | | --- | | 1. **HIGH BACK REVOLVING CHAIR – 1 NO** | | **Material Code No. HY7802161738**  **SEAT / BACK ASSEMBLY:-** The seat / back are to be made of 12 mm thick hot pressed ply wood, upholster with changeable upholstery fabric covers and moulded polyurethene foam, together with moulded back - spine cover. The back foam is to be designed wih counter lumbar support for extra comfort. The Polyurethane foam is moulded with density - 45 ± 2 Kg/Cu. m and hardness = 20 ± 2 on hampden machine at 25% compression. Rear side of the Back rest and bottom of the Seat shall be covered with Black Polypropylene covers.  **Seat Height : 415 mm to 530 mm**  **Height of Chair: 1000 mm to 1120 mm**  **Back Rest Size: 500 mm (W) x 650 mm (H)** | | **SEAT / BACK ASSEMBLY:-** The seat / back are to be made of 12 mm thick hot pressed ply wood, upholsted with changeable upholstery fabric covers and moulded polyurethene foam, together with moulded back - spine cover. The back foam is to be designed wih counter lumbar support for extra comfort. The Polyurethene foam is moulded with density - 45 ± 2 Kg/Cu. m and hardness = 20 ± 2 on hampden machine at 25% compression. Rear side of the Back rest and bottom of the Seat shall be covered with Black Polypropelene covers.  **Seat Height : 415 mm to 530 mm**  **Height of Chair: 1000 mm to 1120 mm**  **Back Rest Size: 500 mm (W) x 650 mm (H)** | |
| **ARM REST:-** Arm rest are to be made of Black integral skin polyurethane with 50 to 70 shore hardness and reinforced with MS insert. The arm rest should be scratch and weather resistant. The arm rest are to be fitted to the seat and back with arm rest connecting strip assembly, made of 0.5 Cm thick HR steel. | |
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| **PERMEANENT CONTACT MECHANISM:-** The permanent contact mechanism with 360 degree revolving facility and provision for back tilt arrangement. Required facility for tilt tension adjustment has to be provided. | |
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| **HEIGHT ADJUSTMENT:-** The Gas lift for height adjustment may be of personalized choice, with upright position locking arrangement. | |
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| **TELESCOPIC BELLOW ASSEMBLY:-** The bellow with three piece telescopic type and injunction moulded in Black poly propylene. | |
| **PEDESTAL ASSEMBLY:-** The pedestal has to be fabricated using 0.2 Cm thick CR Steel, powder coated and fitted with an injuction moulded in Black Polypropylene hub cap. 5 Nos. of twin wheel castors are to be provided. The castor wheels made of Nylon material and twin wheel castors with hood for extra protection may be used. Base of the chair shall be fixed to the frame made of black powder coated MS Pipe with suitable fixtures. Pipe outer dia shall be 25 mm. Suitable Nylon bushes shall be fixed to the bottom of the MS Pipe frame. | |