

BOQ OF FURNITURE, SSB ACADEMY, BHOPAL (M.P)

Sr. No	Specification	Qty
1	Providing & placing of luxury bed with headboard of dimension 2050 x 1812 x 845. Material Bed Structure partly consists of metal frames made of M.S. 25mm Square Pipes in 1.2 mm Thickness. Metal frames are powder coated in shade Matt Black to the thickness of 50 micron. Upper Headboard is made of 15mm thick Membrane pressed MDF of BS EN 622-1, E1 grade and 9mm thick Particle board of EN312, E2 grade. Bottom panels are of 9mm thick Prelaminated Particle Board of EN312, E2 grade with all the edges banded with 0.45 mm thick PVC edge banding and are kept loosely on floor with help of plastic bush under them. Tail board, Sideboard, Mattress panel, Lower headboard and other wooden panels of Bed are made of 15 mm thick Prelaminated Particle Board of EN312, E2 grade with all the edges banded with 1 mm thick PVC edge banding, High quality hardware like KD fitting and dowels are used. Bed also has under storage in 3 Part, front Half and back side in 2-part RH & LH openable. Knock Down construction. (Design as approved by Engineer-In-charge)	2
2	Providing & placing of Luxury mattress made with Bonnell Spring at its core and topped with Premium PU foam. A standout feature is the 70 mm thick PU foam border, enhancing edge support and overall sturdiness — making Springomatic more durable. Specification (15 CM) Thickness in mm of Pu Foam Quilting -20 Premium PU foam – 30 Felt 5 Bonnell Spring -110 Felt – 5 PU Foam – 10 PU- Foam Quilting – 5 Total – 185 LENGTH –198CM WIDTH – 182CM THICKNESS – 15 CM Dimensional tolerance limit: +/-1.2 cm. (Design as approved by Engineer-In-charge)	2
3	Providing & placing of Bedside table D-432.0 W- 432.0 H - 450.0 mm Material: - Body panels of Bed side table are made of 15 mm thick Prelaminated Particle Board of EN312, E2 grade. All the edges are edge banded with 1 mm thick PVC edge banding. Drawer front is made of 15 mm thick Membrane pressed MDF of BS EN 622-1, E1 grade. Hardware The high-quality hardware used like Roller Slides, Hinges, minifix, dowels Construction - Knock Down construction Packets- 1 packet. (Design as approved by Engineer-In-charge)	4
4	Proving & Placing of Sofa with Table: Sofa Under structure: Understructure is made up of Pinewood members and Chipboard (PPB) members. Pinewood used are without having major knots & defects on the surface. Zigzag spring of dia. 3.8mm is mounted on the seat structure using plastic spring mounting clip for support & additional cushioning purpose. Non-woven fabric is stapled on the seat structure bottom HDPE sheet is stapled to cover the spring and plastic dip which can tear up the foam and fabric as well Complete under structure is made by gluing, nailing & stapling. Foam: Seat is made of PU foam with density 28 kg/m3. Upholstery: Seat upholstery is made in Fabnc 2. Backrest: Understructure is made up of combination of Chipboard (PPB) & Pinewood members. Chipboard (PPB) is 18±1mm thick. Pinewood without having major knots & defects on the surface. HDPE sheet is stapled on the back and front of the structure Foam Backrest is made up of PU foam with density 28 kg/m3. Upholstery: Backrest upholstery is made in fabric which is stapled at respective places 3. Cushions: Cushion is made up of foam which is kept in cushion cover 4. Armrest [LH & RH] Understructure: Understructure is made of combination of Chipboard (PPB) & Pinewood members. Chipboard (PPB) is 18±1mm thk. Pinewood used are without having major knots & defects on the surface. Foam: Armrest is made of PU foam with density 20kg/m3. Upholstery Armrest upholstery is made in Fabric. 5. Legs ABS legs with the M8 stud are fitted at the bottom of the seat and backrest. Legs are of black colour with malt finish 6. Assembly: Upholstered seat and backrest and armrests are assembled with the MB bolts, nuts & washer. Then a non-woven is stapled on the bottom surface to cover the structure 7. Packet: Each packet contains one assembled sot without legs and a separate hardware packet containing 4 nos of legs Dimensions W x H x D (cm): 3-Seater: 180 x 70.5 x 74 cms (1Qty) 1-Seater: 78 x 70.5 x 74 cms(2Qty)	2

	Coffee table Re Wal L x W x H – 1056 x 575 x 450. Table-top – 18 mm thick PLT Board in Remini Walnut PLT – 18 mm thick in Remini Walnut & Royal Ivory Configuration – Shelf storage. (Design as approved by Engineer-In-charge)	
5	Proving & Placing of Chair Material: (Dimensions in CM L x D x H: 60 x 59 x 97. 1) The understructure is made of tubular frame with MS tube Ø 31.75 x 1.2 thick. and 3 mm thick MS plate. 2) The understructure legs are fixed with polypropylene caps. 3) The Star unstructured are made up of Powder coated: EPP Matt Ink Black. 4) The Upholstered Seat is made up of 12 mm thk Plywood with 50 mm thk PU foam over seat & wrapped with Recron sheet for better comfort & support. 5) Seat made of 2 different fabrics: Toffee & Charcoal. 6) The Upholstered Seat is fixed with understructure through EBCO make Swivelling mechanism or without mechanism. 7) The Upholstered Back shell is of 12 mm thk Plywood with 25 mm thk PU foam & wrapped with Recron sheet for good back support. 8) The Upholstered Seat & Back are connected with 3 mm thk MS brackets at 3 sides. 9) High back top & bottom shell are connected with 2 leaf plate. Construction: Knock Down construction. Finish: · Seat - Back Shell is of upholstered finish. All the Metal components and frames are powder coated in shade Ink Black to the thickness of 50 microns (+/- 10). (Design as approved by Engineer-In-charge)	4
6	Proving & Placing of Side Table Overall Size: Dimensions in CM W: 60 D: 60 H: 49.8, Materials: All carcass panel are made of 18 mm prelaminated particle board with edge banding 1.5 mm thickness. Drawer bottom is made of 0.9 mm thick prelaminated particle board. Drawer front is made of 18 mm thick PU painted MDF. Legs: Rubber wood. Hardware: Hettich, Ebco. Construction: Knock down. Finish: All 18 mm prelaminated particle board panels are Noce Versailles with walnut edge band. PU lamination is high gloss in Ecu shade. Packets: 1 nos. (Design as approved by Engineer-In-charge)	2
7	Proving & Placing of Study Table with chair, Table: Overall Size: - W: 1150 x D: 580 x H 750 mm. Material: Body panels are made of 18 mm thick Prelaminated Particle Board All the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Drawer front is made of 18 mm thick Prelaminated Particle Board. Drawer components are made of 18 mm thick Prelaminated Particle Board All the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Drawer bottom is made of 9 mm thick Prelaminated particle board. Hardware: -The high-quality hardware used like Slide Roller, rastex 15, wooden dowels are of Hettich make. Construction: Knock Down construction. Packets: 1 packet. Prelaminated Particle Board is in Imperial Oak shade. Finish: Lipping shade is 299P MAKE REHAU Chair Overall Size: L: 43 W: 56.5 H: 93.3cm Seating Height: 48cm THREAD: NYLON, FABRIC: PVC MONTERRY. FRAME MATERIAL: Solid wood. (Design as approved by Engineer-In-charge)	2
8	Providing & Placing of Dining Table with 4 Chair: Table Dimensions – W – 1440 x D – 864 H - 729 mm Solid Rubberwood + PU coating (UV cured) in matt finish MDF + MIP lamination + PU coating (UV cured) in high gloss finish Bring home the ultimate style and comfort with the dining table. The white synthetic marble tabletop is well complimented with the royal blue coloured fabric upholstery of the chair. The table legs and the chair frame sport an espresso shade giving an attractive contrast to the tabletop. The set is sure to give a charming visual while comfortably seating up to 4-6 individuals. Chair Overall Size in CM (W x H x D): 45 x 95 x 40. Height is excluding leg bush Net weight: 17 kg 1. Seat and Back: - 12 mm Thk bent ply - Foams of 25 & 10 mm thk. Decorative screen-printed leatherette covers 2. Leg structure: - Welded structure using Sheet steel 2.0 mm thk CRCA and ERW pipes 40 x 20 x 1.2 mm thk. 3. Finish: - All MS Sheetmetal and metal frame components are powder coated with epoxy polyester powder	2

	to the thickness of 50 microns (± 10 microns). 4. Hardware: - Nylon-6 S13 PT Grade Stud, Ph pan head screw M6 x 10. (4Nos of Chairs). (Design as approved by Engineer-In-charge)	
9	Providing & Placing of Wall mounted mirror 1200 x 600 x 118 mm Overall Size, Prefixed 4 mm Mirror. 17 mm PLT / Lose Versailles Lamination. 0.8 mm Thick Lipping 150 W X 100 D Shelf Size-3 Nos. 6 Nos. of Glass Holders required, Wall Mounting Screws with Wall Plugs required. Chip Board Screw of appropriate length to fix Wall mounted bracket on PLT Panel. 3 Nos of hanging holders. (Design as approved by Engineer-In-charge)	2
10	Providing & Placing of TV unit: Dimensions W x H X D (Ami - 150 x 182 x 38.1 Finish Colour – Cinnamon. Primary Material Subtype - Prelaminated Particle Board. Primary Material - Engineered wood (Design as approved by Engineer-In-charge)	2
11	Providing & placing of Bed Dimensions W x H x D (cm) 152.4 x 88.1 x 204.9 Material Bed Structure partly consists of metal frames made of M.S. 25mm Square Pipes in 1.2 mm Thickness. Metal frames are powder coated in shade Matt Black to the thickness of 50 micron. Upper Headboard is made of 15mm thick Membrane pressed MDF of BS EN 622-1, E1 grade and 9mm thick Particle board of EN312, E2 grade. Bottom panels are of 9mm thick Prelaminated Particle Board of EN312, E2 grade with all the edges banded with 0.45 mm thick PVC edge banding and are kept loosely on floor with help of plastic bush under them. Tail board, Sideboard, Mattress panel, Lower headboard and other wooden panels of Bed are made of 15 mm thick Prelaminated Particle Board of EN312, E2 grade with all the edges banded with 1 mm thick PVC edge banding. High quality hardware's like KD fitting and dowels are used Construction Knock Down construction. Bed also has under storage in 4 Part, front 2-part and back side in 2-part RH & LH openable (Design as approved by Engineer-In-charge)	44
12	Providing & placing of mattress made with Bonnel Spring at its core and topped with Premium PU foam. A standout feature is the 70 mm thick PU foam border, enhancing edge support and overall sturdiness — making Springomatic more durable. Specification (15 CM) Thickness in mm of Pu Foam Quilting -20 Premium PU foam – 30 Felt 5 Bonnell Spring -110 Felt – 5 PU Foam – 10 PU- Foam Quilting – 5 Total – 185 LENGTH –198CM WIDTH – 150 CM THICKNESS – 15 CM Dimensional tolerance limit: ± 1.2 cm. . (Design as approved by Engineer-In-charge)	44
13	Providing & placing of Bedside table D-432.0 W- 432.0 H - 450.0 mm Material: - Body panels of Bed side table are made of 15 mm thick Prelaminated Particle Board of EN312, E2 grade. All the edges are edge banded with 1 mm thick PVC edge banding. Drawer front is made of 15 mm thick Membrane pressed MDF of BS EN 622-1, E1 grade. Hardware The high-quality hardware used like Roller Slides, Hinges, minifix, dowels Construction - Knock Down construction Packets- 1 packet. (Design as approved by Engineer-In-charge)	88
14	Providing & placing of Sofa: Understructure: Understructure is made up of Pinewood members and Chipboard (PPB) members. Pinewood used are without having major knots & defects on the surface. Zigzag spring of dia. 3.8mm is mounted on the seat structure using plastic spring mounting clip for support & additional cushioning purpose. Non-woven fabric is stapled on the seat structure bottom HDPE sheet is stapled to cover the spring and plastic dip which can tear up the foam and fabric as well Complete understructure is made by gluing, nailing & stapling. Foam: Seat is made of PU foam with density 28 kg/m ³ . Upholstery: Seat upholstery is made in Fabnc 2. Backrest: Understructure: Understructure is made up of combination of Chipboard (PPB) & Pinewood members. Chipboard (PPB) is 18 $\pm$ 1mm thick. Pinewood without having major knots & defects on the surface. HDPE sheet is stapled on the back and front of the structure Foam Backrest is made up of PU foam with density 28 kg/m ³ .Upholstery: Backrest upholstery is made in fabric which is stapled at respective places 3. Cushions: Cushion is made up of foam which is kept in cushion cover 4. Armrest [LH & RH] Understructure: Understructure is made of combination of Chipboard (PPB) & Pinewood members. Chipboard (PPB) is 18 $\pm$ 1mm thk. Pinewood used are without having major knots & defects on the surface. Foam: Armrest is made of PU foam with density 20kg/m ³ . Upholstery Armrest upholstery is made in Fabric. 5. Legs ABS legs with the M8 stud are fitted at the bottom of the seat and backrest. Legs are of black colour with malt finish 6. Assembly: Upholstered seat and backrest and armrests are assembled together with the MB bolts, nuts	44

	& washer. Then a non-woven is stapled on the bottom surface to cover the structure 7. Packet: Each packet contains one assembled set without legs and a separate hardware packet containing 4 nos of legs. 2-Seater: 129 x 70.5 x 74 cms. (Design as approved by Engineer-In-charge)	
15	Providing & Placing of Center Table: L x W x H – 1100 x 600 x 450 Table-top – 18 mm thick PLT Board in Remini Walnut PLT – 18 mm thick in Remini Walnut & Royal Ivory Configuration – Shelf storage. (Design as approved by Engineer-In-charge)	44
16	Providing & Placing of Wall mounted mirror 1200 x 600 x 118 mm Overall Size, Prefixed 4 mm Mirror. 17 mm PLT / Lose Versailles Lamination. 0.8 mm Thick Lipping 150 W X 100 D Shelf Size-3 Nos. 6 Nos. of Glass Holders required, Wall Mounting Screws with Wall Plugs required. Chip Board Screw of appropriate length to fix Wall mounted bracket on PLT Panel. 3 Nos of hanging holders. (Design as approved by Engineer-In-charge)	44
17	Providing & Placing of Study Table Overall Size in MM: - W 1150 x D 580 x H 750. Material: Body panels are made of 18 mm thick Prelaminated Particle Board All the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Drawer front is made of 18 mm thick Prelaminated Particle Board. Drawer components are made of 18 mm thick Prelaminated Particle Board All the exposed edges are edge banded with 0.8 mm thick PVC edge banding. Drawer bottom is made of 9 mm thick Prelaminated particle board. Hardware: -The high-quality hardware used like Slide Roller, rastex 15, wooden dowels are of Hettich make. Construction: Knock Down construction. Packets: 1 packet. Prelaminated Particle Board is in Imperial Oak shade. Finish: Lipping shade is 299P MAKE REHAU Chair Overall Size in CM: L: 43 W: 56.5 H: 93.3cm. Seating Height: 48cm. THREAD: NYLON, LEATHER/PVC/FABRIC: PVC MONTERRY, FRAME MATERIAL: solid wood. (Design as approved by Engineer-In-charge)	44
18	Providing & Placing of TV unit: Dimensions W x H X D (Ami - 150 x 182 x 38.1 Finish Colour – Cinnamon. Primary Material Subtype - Prelaminated Particle Board. Primary Material - Engineered wood. (Design as approved by Engineer-In-charge)	44
19	Providing & Placing of Dining Table with chair: W 1440 D 864 H 735 mm Material: MDF Top: MDF with walnut veneer. Understructure: Rubber wood Shade Top: Walnut Understructure: Walnut Construction: Knockdown Minimalistic design Load Bearing Capacity: 80 kg. Chair: 51cm; 49cm, 103cm – 8 nos. (Design as approved by Engineer-In-charge)	6
20	Providing & Placing period of Sofa 20 (3+2, 4 Cluster) Seat Executive Sofa: Understructure: Understructure is made up of pinewood members. Pinewood is of cross sections 22x64mm, 34x64mm & 16x35mm without having major knots & defects on the surface. 3mm MDF is stapled on the seat front baton. Zigzag spring of dia. 3.8mm is mounted on the seat structure using plastic spring mounting clip for support & additional cushioning purpose. Non-woven fabric is stapled on the seat structure frame above the spring assembly to avoid direct contact between the metal springs and the seat foam. This prevents seat foam from tearing. Powder coated MS support pipe is fitted with the wooden seat frame to give additional strength to the structure. Complete understructure is made by gluing, nailing & stapling. • FOAM: Seat is made of PU foam with density 28 kg/m ³ with a top layer of supersoft PU foam with density 32 kg/m ³ . Seat front bottom is stapled with the PU foam with density 28 kg/m ³ . • UPHOLSTERY: Seat upholstery is made in polyester fabric with partitions. Backrest: Understructure: Understructure is made up of combination of plywood & pinewood members. Plywood is 12+1mm thk. [moisture resistance & termite proof as per IS:303] & pinewood are of cross sections 16x35mm, 12x22mm & 16x74mm and triangular batons of 22x75 without having major knots & defects on the surface. HDPE sheet is stapled on the back and front of the structure and on the ear ply. • FOAM: Backrest is made up of combination of PU foam with density 28 kg/m ³ and 32 kg/m ³ super-soft on the front lumbar portion and the shoulder area has supersoft PU foam	2

	with density 32 kg/m³. This is covered with a top layer of 200 gsm recron sheet. The top surface has foam with density of 32 kg/m³ and a layer of 200 gsm recron sheet. Complete back surface & underarm of backrest is glued with the PU foam with density 28 kg/m³. • UPHOLSTERY: Backrest upholstery is made in polyester fabric jacket with recron sheet cushions of 200 gsm sandwiched between a layer of white non-woven cloth of 30 gsm. The upholstered jacket has a button at the front. ARMREST: Understructure: Understructure is made of combination of plywood & pinewood members. Plywood is 12+1mm thk. [moisture resistance & termite proof as per IS:303j & pinewood are of cross section 16X35mm without having major knots & defects on the surface. 2mm cardboard and HDPE sheet is stapled on the structure to provide a surface for sticking foam. • FOAM: Armrest is made of PU foam with density 28 kg/m³. • UPHOLSTERY: Armrest upholstery is made in polyester fabric. Legs: Option A: Rubberwood [Grade-Aj legs with the M8 stud for fitting at the bottom surface of the Armrest LH & RH. Legs are coated with PU clear lacquer coat [black matt finish]. [Min. hardness - 1H] Option B: Plastic injection molded tegs made of material PA-6 with insert of M8 stud for fitting at the bottom surface of the Armrest LH & RH. Plastic legs are black [matte finish]. ASSEMBLY: Upholstered seat, backrest, armrest-LH & armrest-RH are assembled together with the M8 bolts, nuts & washer. Then a non-woven is stapled on the bottom surface to cover the structure. PACKET Each packet contains one assembled sofa without legs and a separate hardware packet containing 4 nos. of rubberwood legs/ plastic injection molded legs. Size – 3 Seater 189x 82 x 90mm, 2-seater 150 x 82 x 90 +/- 20 mm. (Design as approved by Engineer-In-charge)	
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