

**NAME OF WORK: RENOVATION, INTERIOR AND THIRD FLOOR EXTENSION WORK OF ADMINISTRATIVE BUILDING OF TRIBAL RESEARCH AND TRAINING INSTITUTE, PUNE.**

**ABSTRACT SHEET**

| SR. No.               | Qty.   | DESCRIPTION  | RATE | UNIT | AMOUNT |
|-----------------------|--------|--|------|------|--------|
| <b>FURNITURE WORK</b> |        |  |      |      |        |
| 1                     | 18.00  | <b>Providing &amp; Fixing Dias:-</b> Providing and fixing on site DIAS made by using 50 x 50 mm CCTW section for runners,joists and supports of required height.The dias frame at 600 mm center to center,covered with top & sides shall be of 19 mm thick marine ply generally confirming to I.S.303 from outer sides. The dias shall be finished with 1.5 mm thick laminate matt/suede/fine line finished lamination pattern with or without grooves externally, with necessary lipping (BTC) moulding, antitermite treatment to plywood and woodwork etc.including all leads & lifts etc complete as per Architect's Drawing and instructions of The Engineer In Charge.  |      | Sqm  |        |
| 2                     | 523.20 | <b>Providing &amp; Fixing Both side laminated Partition:-</b> Providing and fixing full height partitions at required location having height more than 1.34 meter and minimum 65 mm thick made by using 50x50 millimeter (finished size) Centrally Province Teak Wood (CPTW) section framing at 600 millimeter center to center,covered with 6 millimeter marine ply generally confirming to I.S.303 on both sides. The partitions shall be finished both side with 1.5 millimeter thick laminate matt / suede / fine line finished lamination pattern with or without grooves externally with necessary lipping (Burmah Teak Wood) moulding, antitermite treatment to all plywood and woodwork etc.including all leads and lifts etc. complete as per Architect's Drawing and instructions of Engineer In Charge  |      | Sqm  |        |
| 3                     | 70.00  | <b>Providing and supplying Training Hall Chairs:-</b> 1) SEAT / BACK: The seat sub-assembly should be made up of 1.2±0.1cm thk Plywood upholstered with moulded foam and polyester fabric and covered with an injection-moulded polypropylene outer cover. The seat can tip-up when not in use and thshould be feature can be used while stacking the chairs horizontally The back sub-assembly should be made up of injection-moulded polypropylene inner upholstered with moulded foam and polyester fabric and covered with an injection-moulded polypropylene outer cover. The contoured back with width extension at the bottom should be a should be designed to give comfort to lower back. The back flexing features allows the back to tilt by 9c±2' to aid the user in adopting a comfortable reclining posture. Both these sub-assemblies should be fixed to the tubular structure, BACK SIZE: 45.2cm (W) X 44.6cm (H) SEAT SIZE: 47.0cm (W) X 50.0cm (D) 2) TUBULAR FRAME STRUCTURE: The powder-coated 4 leg structure should be made o 2.2 ±0.03cm dia x 0.25 ±0.02cm thk M.S. E.R.W. Tube front and rear leg welded along with connecting tube made of 1.9 ±0.02cm dia x 0.2 ±0.016cm thk M.S. E.R.W. Tube to form the tubular frame assembly. The legs should be provided with injection-moulded adopter bush in black Nylon and brake-loaded castors enabling easy maneuvering while not in use and stable sitting while in use_ The chairs can be stacked horizontally when not in use_ 3) POLYURETHANE FOAM: The Polyurethane foam should be moulded with density = 70.0 ±8.0 kg/m3 and Hardness = 20 ±2 for Seat & 16 ±2 for back at 25% compression. 4) ARMRESTS: The armrest structure should be made up of 2.2 ±0.03cm dia x 0.25 ±0.02cm thk M.S. E R.W. Tube welded to the Tubular Frame structure and having a scratch-resistant tant ABS Arm top. 5) FULL DESKLET: The Full Desklet assembly should be Flip-up type and should be made up of extension tube of 1.9 ±0.02em dia x 0_2 ±0.016cm thk PAS. E.R.W. Tube and a support tube on L.H. side of 1.6 ±0.02cm dia x 0.2 ±0.016cm thk M.S. E.R.W. Tube on which an scratch resistant tant ABS desklet top should be fixed and covered on bottom side with a bottom cover. 6) BRAKE-LOADED CASTORS : The brake-loaded castors should be assembled to the chair legs, to give a free movement for maneuvering the chair when not in use and it will brake the movement when load should be applied (while in use) |      | No   |        |
| 4                     | 3.00   | <b>Providing &amp; supplying 3 seater Tandam Chair:-</b> SEAT/BACK SHELL: It is powder-coated shell made from cold rolled M.S. sheet 0.12 ± 0.013 cm thickness with circular perforations.The Side Bar is made of cold rolled M.S.sheet 0.12 ± 0.013 cm thickness. The Shell is assembled on the Cross Beam with help of M8 Bolts.<br>SEAT SIZE : 50.0 cm (W) x 45.5 cm (D)<br>BACK SIZE : 50.0 cm (W) x 56.0 cm (H)<br>CROSS BEAM: It is made up of cold rolled steel with 0.2 ± 0.02 cm thickness. The crossbeam is powder coated. It is covered with plastic end caps<br>LEG: It is made up of cold rolled steel with 0.12 ± 0.013 cm thickness. It is powder coated. The legs are fitted with leveller cups covered with SS304 sheet.<br>ARMREST: It is made of SS304 round tube of Ø 3.175 ± 0.03cm x 0.12 ± 0.013 cm thick formed to make an oblong shape. WIDTH (W): 173.5 CM. DEPTH (D): 74.0 CM.<br>HEIGHT (H): 91.0 CM SEAT HEIGHT (SH): 44.0 CM. as per Sample Approved by Architect and as per the instructions of The Engineer In Charge. <b>[Make: Godrej, Herman Miller, Steelcase]</b>   |      | No   |        |

**ABSTRACT SHEET**

| SR. No. | Qty.  | DESCRIPTION  | RATE | UNIT | AMOUNT |
|---------|-------|--|------|------|--------|
| 5       | 16.00 | <b>P/F Officer's Table of Size 1650 x 1950m x750mm Height:-</b> 1650x1950x750 Primary Work Surface Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Soft closing access flap with in-build power box are provided on work surface for wire management Modesty Panel Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Under structure Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Pedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security. [Make: Godrej, Herman Miller, Steelcase] |      | No   |        |
| 6       | 18.00 | <b>Providing &amp; Fixing Side Credenza:-</b> Secondary Work Surface Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Modesty Panel Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Under structure Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Pedestal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing & anti slam mechanism. Handles are provided for ease of opening. Pedestals are provided with lock for security. etc.complete as per instruction of Engineer-In-Charge. [Make: Godrej, Herman Miller, Steelcase]   |      | No   |        |
| 7       | 31.31 | <b>Providing &amp; fixing Rear Credenza :-</b> 1650x500x750 Top Panel-Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Slide Door Unit-Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping for body panels like side, bottom,back and shelves. Shutters are made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Shutters have a soft closing & anti slam mechanism. Handles are provided for ease of opening.Storage is provided with lock for security .etc.complete as per instructions of Engineer In Charge.[Make: Godrej, Herman Miller, Steelcase]  |      | Sqm  |        |
| 8       | 76.44 | <b>Providing and fixing 35mm Flush Door:-</b> Providing and fixing on site full height both side laminated GLAZED door shutters at required locations and having height more than 1.5 meter made by using solid core commercial type flush door 35 millimeter thick of the requisite manufacture generally confirming to I.S.303 finished with 1.5 millimeter thick laminate matt / suede / fine line finished lamination pattern with grooves on both sides.Antitermite treatment to all plywood and woodwork with ten years guarantee bond etc.including all leads and lifts etc complete. The shutter shall be provided with 6 millimeter thick float glass of size 23x170 centimeter and of approved make or as directed with etching and lipping (Burmah Teak Wood) / moulding for fixing glass. Necessary lipping (Burmah Teak Wood), moulding, hardware, locks, handles, polishing etc as per Architect's Drawing and instructions of Engineer In Charge  |      | Sqm  |        |
| 9       | 15.00 | <b>Providing and fixingSide / Corner Table - SIDE/CORNER TABLE &amp; CENTER TABLE</b><br>GLASS: It is 10 ±0.3 mm thick black tinted Toughened glass UV glued with bushes made in SS 202 grade for foking with understructure.<br>UNDERSTRUCTURE: It is a welded Assembly made in SS202 grade Dia. 12±0.04 as per IS:1762. etc complete as per drawing and design. As directed by Engineer in charge. [Make: Godrej, Herman Miller, Steelcase]  |      | No   |        |
| 10      | 1.80  | <b>Providing and fixing Dias Steps -</b> Providing and fixing Dias Steps of 19 millimetre plywood with 1mm thick laminate finish and anti skid patti at nosing as per drawing and as directed by Engineer in charge.   |      | Rmt  |        |

**ABSTRACT SHEET**

| SR. No. | Qty.   | DESCRIPTION  | RATE | UNIT | AMOUNT |
|---------|--------|--|------|------|--------|
| 11      | 73.00  | <p><b>Providing and fixing Linear Workstations</b> - Modular desk based system MAIN TABLE - 1500W x 750D</p> <p>Cube legs are fabricated by Argo Shield &amp; have a rectangular shape. Cube legs are available for work top level 750 mm from base.</p> <p>Wire Management Single Power box with raiser for Manager Modules, Single tables (8+3 Anchor Roma). Soft closing access flap with brush.</p> <p>Metal modesty: Metal modesty is made from 0.8 mm thick CRCA. Metal modesty are mounted on the worktop with the help of the modesty mounting brackets made of 3 mm thick HR</p> <p>Worktop: 25mm thk prelaminated partical board with pvc lipping. as directed by Engineer in charge. [Make: Godrej, Herman Miller, Steelcase]</p>   |      | Nos  |        |
| 12      | 73.00  | <p><b>P/F Side Table - 0.90 x 0.45 x 0.75m ht:-</b> STORAGE CUM PED 900WX450DX750H LH / RH , -WITH LEVELLER - CEN LK + IND LKBODY: All Panels :- 18mm PLB board Side, Bottom Panel :- 18mm PLB with 0.8mm PVC Edgeband Back panel.</p> <p>Top Panel :- 25mm PLB with 2 mm PVC Edgeband</p> <p>Shelf &amp; Separator panels (if any) : 18mm PLT board with 0.8mm PVC Edgeband</p> <p>DRAWERS: Fascia :- 18mm PLB with 2mm Edgeband</p> <p>Back Panel :- 18mm PLB with 0.8mm Edgeband</p> <p>Bottom Panel :- 6mm PLB MDF - No Edgeband</p> <p>Handle :- Aluminium Anodized handle</p> <p>Slide :- Powder coated Single extension full panel drawer Slides with rollers</p> <p>File Drawer :- File drawer provided with fifth roller arrangement</p> <p>Box Drawer - 323 (w) x 376 (d) x 73 (h)</p> <p>File Drawer - 293 (w) x 376 (d) x 208 (h)</p> <p>DOORS: 18mm PLB with 2mm Edgeband, suitable hinges are provided.</p> <p>LOCKING: Door :- 3 point lock / Cam Lock with Individual Zig-Zag locking</p> <p>Drawers-BBF :- Cam Lock &amp; Central RH locking with actuator lever &amp; locking strip mechanism for Box - Box - File , Drawer Ind :- Cam Lock with Individual Zig-Zag locking for individual drawers. [Make: Godrej, Herman Miller, Steelcase]</p> |      | Nos  |        |
| 13      | 226.08 | <p><b>P/F Low height Partition:-</b> Providing &amp; fixing LOW HEIGHT PARTLY GLAZED MODULAR FIRE RATED PARTITION at required location having total height approx. 1.65 meter by using tile based system of 63 mm Alluminium section of 2 mm thickness, with epoxy 70/80 micron power coated (using 7 step process to avoid breakage of coating) for vertical member.The partition is of 63 mm width system with clip on tiles of 9mm thick Marine ply with 1.0 mm Fire retardent laminate panel upto 1200 mm height from ground level &amp; 6mm thick clear glass above it upto 450 mm with 3 M film on glass.The system is self standing on floor level adjusters.The system also consists of two different data &amp; raceway wire management with channels to avoid damages to cables &amp; wires.etc.completes including nessesary fixtures &amp; hardware as per Architect's Drawing &amp; design and as instructed by Engineer In Charge.</p>   |      | Sqm  |        |
| 14      | 266.41 | <p><b>Providing &amp; Fixing Full height Storage :-</b> Product Size - 2 Doors (LH and RH) for 900W For 900W storage-Each Door width 448W , Construction &amp; Material - Made from 0.6mm Thick CRCA (D Grade, IS-513) Soft closing Hinge , Handle - Asthetically appealing handle made of Aluminum</p> <p>Digital Lock, - 3 Way locking provision, - It is available for private and public mode. Code finding from the front by recovery key. Plastic housing. Plastic housing. - Up to 4.2 billion combinations (for 16 digit Up to 4.2 billion combinations (for 16 digit password). Support using power bank via micro USB slot. Comes with fake code function. 3 user levels: Owner, Admin and user. Shelving - It is a 12 bend panel made of 0.7mm Thick CRCA (D Grade, IS-513) Each shelf has max Load Capacity of 55kg UDL for 900W unit 5 Nos. of fixed shelves for 2325(H) A4 size Box file (85Wx340Hx285D) can be stored vertically on all loading levels (Refer Sheet 4 of 17) Number of files that can be stored in one shelf is as follows:</p> <p>900 w = 10 no of files Finish - Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10 micron). [Make: Godrej, Herman Miller, Steelcase]</p>  |      | Sqm  |        |

**ABSTRACT SHEET**

| SR. No. | Qty. | DESCRIPTION  | RATE | UNIT | AMOUNT |
|---------|------|--|------|------|--------|
| 15      | 3.00 | <p><b>Providing &amp; Fixing Table for PA :-</b> 1650x750x750 Work Surface Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Softclosing access flap with in-build power box are provided on work surface for wire management.</p> <p>Modesty Panel Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top</p> <p>Understructure Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</p> <p>Integrated Pedestal Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</p> <p>Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top</p> <p>Pedstal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM.</p> <p>Drawers have a soft closing &amp; anti slam mechanism.</p> <p>Handles are provided for ease of opening.</p> <p>Pedestal is provided with lock for security. [Make: Godrej, Herman Miller, Steelcase]</p>  |      | No   |        |
| 16      | 3.00 | <p><b>Providing &amp; Fixing table:-</b> 2400 x 900 x 740 MAIN WORKTOP :Made of 43mm Thick (±1) combination of MDF and particle board with top veneer facecoated with clear lacquer. All edges are edge banded with matching 1mm thick veneerlipping.</p> <p>LEATHER PAD:Made of 18mm Thick (±1) MDF with Leatherette wrapped around top surface. Thisleather pad is fixed to main top panel.</p> <p>DRAWER UNIT:Top panel and drawer unit modesty panel is made of 43mm Thick (±1) combination ofMDF and particle board with top veneer face coated with clear lacquer. All thicknessedges are edge banded with matching lipping.</p> <p>Remaining construction is of 18mm Pre-laminated twin board (PLT) of E1-P2 grade andapproved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thickPVC lipping. Bottom panel of drawer is 9mm thick particle board with leatherette on topsurface. Drawer unit is provided with soft closing channels for smooth opening and closing.Drawer unit is secured with side central lock. OPEN STORAGE UNIT:Top panel and open storage unit modesty panel is made of 43mm Thick (±1) combination of MDF and particle board with top veneer face coated with clear lacquer. Allthickness edges are edge banded with matching lipping. Remaining construction is of 18mm Pre-laminated twin board (PLT) of E1-P2 grade andapproved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thickPVC lipping. MODESTY:Made of 18mm Thick Pre-laminated twin board (PLT) of E1-P2 grade and approvedshade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Modesty is fitted with aluminum trims.</p> <p>UNDERSTRUCTURE:Made of 18mm Thick Pre-laminated twin board (PLT) of E1-P2 grade and approvedshade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Door is fixed with soft closing hinges and handle is provided for ease of opening.Also lock is provided on side panel for security. ACCESS FLAP WITH POWER BOX:Soft closing access flap with power box contains 3 Universal Sockets, 2 USB powerpoints, 1 HDMI connection, 1 inbuilt misc. cable grommet and CAT 3 and CAT 6connections. HIDDEN WIRELESS MOBILE CHARGER:It will only be available in 3000mm main table. It is fitted below leather pad. [Make: Godrej, Herman Miller, Steelcase]</p> |      | No   |        |
| 17      | 4.00 | <p><b>Providing &amp; Fixing Side Table :-</b> 1200 x 450 x 610 TOP PANEL:Made of 43mm Thick (±1) combination of MDF and particle board with top veneer facecoated with clear lacquer. All edges are edge banded with matching 1mm thick veneer lipping.</p> <p>UNDERSTRUCTURE:Made of 18mm Thick Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping.</p> <p>DOOR PANELS:Made of 18mm Thick Pre-laminated twin board (PLT) of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Door is fixed with soft closing hinges and handle is provided for ease of opening.It is secured with side central lock.[Make: Godrej, Herman Miller, Steelcase]</p>  |      | No   |        |

**ABSTRACT SHEET**

| SR. No. | Qty. | DESCRIPTION  | RATE | UNIT | AMOUNT |
|---------|------|--|------|------|--------|
| 18      | 2.00 | <p><b>Providing &amp; Fixing Table for Class I Officer :-</b> Overall Dimension 2100x2250x750 Primary Work Surface:Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Secondary Work Surface:Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Softclosing access flap with in-build power box are provided on work surface for wire management. Modesty Panel:Made of 25mm thick MDF one side laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Under- structure:Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Integrated Pedestal:Made of 25mm Thick Pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Drawer fronts made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top Pedstal construction is BOX-BOX-FILE type which Uses powder coated 400 MM long metal Panel Drawer Slides. Drawer extension is 325 MM. Drawers have a soft closing &amp; anti slam mechanism. Handles are provided for ease of opening. Pedestal is provided with lock for security.[Make: Godrej, Herman Miller, Steelcase]</p>  |      | No   |        |
| 19      | 7.00 | <p><b>Providing &amp; Supplying High Back Chair:-</b> SEAT/BACK ASSEMBLY : The Cushioned seat should be made of Injection molded Plastic outer &amp; inner. Plastic Inner should be upholstered with pure leather and moulded High Resilience (HR) Polyurethane foam of Density 45±2 kg/m<sup>3</sup>,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±0.03cm x 0.16 ±0.0128cm. It upholstered with Pure Leather. Seat SIZE : 47.6 cm. (W) x 49.2 cm. (D) , BACK SIZE : 47.5 cm. (W) x 77 cm. (D), 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±0.5cm in 5 steps. ACTIVE BIO-SYNCHRO mechanism: The adjustable tilting mechanism should be designed with the following features: • 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. 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. 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. PNEUMATIC HT. ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 10.0±0.3 cm. 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 ± 0.5cm. pitch-center dia.(75.0 ± 1.0cm. With castors.) TWIN WHEEL CASTORS:The twin wheel castors should be injection moulded in Black Polypropylene. [Make: Godrej, Herman Miller, Steelcase]</p> |      | No   |        |
| 20      | 2.00 | <p><b>Providing &amp; Supplying Medium Back Chair - Type I:-</b> SEAT/BACK ASSEMBLY: The back is made up of 1.2 ±0.1cm. thick hot-pressed plywood &amp; seat is made up of 1.5 ±0.1cm. thick hot-pressed plywood measured and upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed with contoured foam lumbar support. The seat has extra thick foam on front edge to give comfort to popliteal area.The Recron filling done in seat &amp; back ( Executive chairs only) for extra fluffiness and comfort in chair. The chair seat &amp; back size are FULL BACK SIZE 51.5 cm. (W) x 69.0 cm. (H) SEAT SIZE 53.5 cm. (W) x 51.0 cm. (D) HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam is moulded with density = 45±2 kg/m<sup>3</sup> and hardness load 14 ± 2 kgf as per IS:7888 for 25% compression.ARMRESTS : The 3-way adjustable armrest is is made of die-cast. aluminium with buffing finish designed with the following features :<br/>         · Up-Down adjustment-7 steps (7.0 ± 0.5cm range) · It has to &amp; fro movement along with Swivel adjustment. CENTER TILT SYNCHRO MECHANISM WITH MULTI LOCK : The mechanism is designed with the following features: 360° revolving type., 3 position locking with anti shock mechanism.Tilt tension adjustment ,PNEUMATIC HEIGHT ADJUSTMENT : The pneumatic height adjustment has an adjustment stroke of 9.5 ± 0.3 cm<br/>         PEDESTAL ASSEMBLY : The pedestal is made of die-cast aluminium with buffing finish. It is fitted with 5nos. twin wheel castor. The pedestal is 67.0 ± 0.5cm pitch-center dia. (77.0 ± 1.0cm with castors). 7. TWIN WHEEL CASTORS : The twin wheel castors are injection moulded in Black Nylon, WIDTH (W): 77.0 CM., DEPTH (D): 77.0 CM. HEIGHT (H): 98.0-108.0 CM. SEAT HEIGHT (SH): 44.5-54.5 CM. [Make: Godrej, Herman Miller, Steelcase]</p>   |      | No   |        |

**ABSTRACT SHEET**

| SR. No. | Qty.  | DESCRIPTION   | RATE | UNIT | AMOUNT |
|---------|-------|---|------|------|--------|
| 21      | 35.00 | <p><b>P/S Medium Back Chair - Type II :-</b> SEAT/BACK ASSEMBLY: The cushioned seat assembly consists of seat base moulded in glass-filled Poly-amide, moulded Polyurethane foam &amp; upholstered with high stretch knitted polyester fabric. The Back is injection moulded in glass filled Polypropylene which is upholstered with Mesh fabric. The back consist of adjustable lumbar support made of injection moulded Polypropylene having an adjustment of 3.0 ±0.1 cm. * Mesh Back Size : 45.5 cm. (W) x 54.0 cm. (H) * Seat Size : 48.5 cm. (W) x 49.0 cm. (D) 2. HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam used in seat and back cushion is moulded in Density Min 48 kg/m<sup>3</sup>, and hardness load 15 ± 2 kgf as per IS:7888 for 25% compression. 3. TILT MECHANISM, SPINES &amp; SPINE CONNECTOR: The seat and back are firmly connected to the base frame and are cantilevered in such a way that it gives a multi-dimensional movement possibility just with a simple lean on the sides or back, without need for complex manual adjustments. The cantilevered seat offers impact cushioning while sitting and synchronises with the back movement during posture changes. The "S" shaped spines moulded in high strength glass-filled Poly-amide and the spine connector moulded in glass-filled Poly-amide form the back-spine structure involved in multi-dimensional recline motion. The variable tilt angle recline motion can be adjusted with 3 position Tilt Limit feature which is inbuilt in seat base and the tension (return force) is user weight dependent. 4a. ADJUSTABLE ARMRESTS: The assembly consists of armrest housing sliding over the armrest structure, both moulded in glass-filled Poly-amide. The height adjustment feature is button operated having adjustment of 6.6±0.5cm. The Armrest Top is made up of integral skin PU moulded over plastic inner moulded in glass-filled Poly-amide. 5. PNEUMATIC HEIGHT ADJUSTMENT: The seating height can be adjusted with a pneumatic gas-lift having an adjustment stroke of 9.2 ± 0.3 cm 6. PEDESTAL ASSEMBLY: The pedestal is injection moulded in glass-filled Poly-amide and fitted with 5 nos. twin wheel castors. The pedestal is 66.0±0.5 cm. pitch centre diameter and 76.0±1.0 cm. with castors. 7.TWIN WHEEL CASTORS: 5 nos. twin wheel castors are injection moulded in Poly-amide having 5.0±0.1cm wheel diameter and assembled to the pedestal. [Make: Godrej, Herman Miller, Steelcase]</p> |      | No   |        |
| 22      | 73.00 | <p><b>Providing &amp; Supplying Low Back Chair :-</b> SEAT ASSEMBLY: The seat assembly should be made up of 1.2 ±0.1cm. thick hot-pressed plywood , upholstered with fabric upholstery covers and moulded Polyurethane foam.SEAT SIZE: 47.0 cm. (W) x 48.0 cm. (D).BACK ASSEMBLY: The back assembly. should be made of powder coated (OFT 40-60 microns) tubular frame of 0 2.54 ±0.03cm. x 0.2 ±0.016cm.thk. MS ERW tube designed with contoured lumbar support for extra comfort. The back should be upholstered using double layer spacer mesh fabric with high tenacity yarn. BACK SIZE : 46.5 cm (W) x 60.5 cm (H). HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam should be moulded with density =45+/-2 kg/m<sup>3</sup> and hardness load 16 ± 2 kgf for 25% compression. ARMRESTS: The one-piece armrests should be injection moulded from black Co-polymer Polypropylene. CENTRE-TILT mechanism: The mechashould be m should be designed with the following features: • 360° revolving type. • 17° ±2° maximum tilt on pivot at centre. • Upright position locking. Tilt tension adjustment. PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 11.0 ±0.3cm. TELESCOPIC BELLOW ASSY: The bellow should be 3 piece telescopic type and injection moulded in Black Polypropylene. PEDESTAL ASSEMBLY: The pedestal should be injection moulded in black 33% glass-filled Nylon66 and fitted with 5 nos. twin wheel castors. The pedestal should be 66.3 ±0.5cm. pitch-center dia. (76.3 ±1.0cm with castors.) TWIN WHEEL CASTORS: The twin wheel castors should be injection moulded in black nylon. Overall Dimensions of Chair Seat Height - min 43.3 to max 54.3cm. Height - min 89.5 to max 100.5cm. Width &amp; Depth of Chair as measured from pedestal - Width-76.3 cm and Depth-76.3 cm. [Make: Godrej, Herman Miller, Steelcase]</p>  |      | No   |        |

| ABSTRACT SHEET |       |   |      |      |        |
|----------------|-------|---|------|------|--------|
| SR. No.        | Qty.  | DESCRIPTION   | RATE | UNIT | AMOUNT |
| 23             | 21.00 | <p><b>Providing and supplying on site Visitors Chair - Type I :-</b> SEAT/BACK ASSEMBLY: The seat should be made up of 1.2 ±0.1cm. thick hot pressed plywood and upholstered with fabric or synthetic leather and moulded Polyurethane Foam. The back should be made up 1.2 ±0.1cm. thick hot pressed plywood upholstered with replaceable fabric or synthetic leather upholstery covers and moulded polyurethane foam. The back ply and foam should be designed with contoured lumber support for comfortable seating posture.</p> <p>MID BACK SIZE: 48.0cm.(W) X 64.5cm.(H)<br/>SEAT SIZE: 51.0cm.(W) X 48.0cm.(D)<br/>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>ARMRESTS: The armrest top should be made of moulded polyurethane (P.U) and mounted on to a fixed type tubular armrest support which should be chrome plated Finish.</p> <p>FIXED BACKREST: The backrest should be of a fixed type mechanism i.e. no back up/down adjustment.</p> <p>FIXED SPINE : The seat and back are arrested together with fixed type spine i.e no backup/down adjustment ;made of 0.8 ± 0.05cm thk HR steel and id back power-coated (DFT 40-60 micros). TUBULAR VISITOR FRAME :The tubular frame is cantilever structure &amp; made of Dia 2.54 ± 0.03cm. X 0.2±0.016cm.thk . M.S. E.R.W. tube with a M.S. Spine mounting bracket welded to it. Back spine is fitted to the assembly. The frame finish is Nickel Chrome plated (15-20 microns). Overall Dimensions of Chair, Seat Height - 47.7cm. ,Height - 93.0cm.</p> <p>Width &amp; Depth of Chair as measured from pedestal - Width-66.5 cm and Depth-61.6 cm. [Make: Godrej, Herman Miller, Steelcase]</p> |      | No   |        |
| 24             | 45.00 | <p><b>P/S Visitors Chair - Type II:-</b> SEAT/BACK ASSEMBLY: The seat and back are made up of 1.2 ±0.1cm. thick hot-pressed plywood measured upholstered with fabric upholstery covers and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal area.</p> <p>MID BACK SIZE 47.5 cm. (W) x 58.0 cm. (H). SEAT SIZE 47.0 cm. (W) x 48.0 cm. (D)<br/>HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam is moulded with density = 45±2 kg/m³ and hardness load 16 ± 2 kgf as per IS:7888 for 25% compression.</p> <p>ARMRESTS :The one-piece armrests are injection moulded from black Co-polymer Polypropylene.</p> <p>TUBULAR FRAME : The powder coated ( DFT 40-60 microns ) tubular frame is cantilever type &amp; made of Ø 2.54 ±0.03cm. x 0.2 ±0.016cm.thk. M.S. ER.W. Tube.</p> <p>Overall Dimensions of Chair WIDTH (W): 61.4 CM. DEPTH (D): 64.5 CM.<br/>HEIGHT (H): 89.5 CM. SEAT HEIGHT (SH): 46.5 CM. [Make: Godrej, Herman Miller, Steelcase]</p>  |      | No   |        |
| 25             | 3.00  | <p><b>Providing and supplying three seater sofa :-</b> SEAT FOAM : The seat is made up of PU foam in Density 28 ±2 kg/cu.mtr with an additional top layer of supersoft PU foam in Density 32 ± 2 kg/cu, upholstered with fabric or leatherette.</p> <p>BACK FOAM : The back is made up of PU foam in Density 28 ± 2 kg/cu. mtr with two additional top layer of supersoft foam of density 32±2 kg/cu. mtr, upholstered with fabric or leatherette. UNDERSTRUCTRE : Understructure is made up of 1.2±0.1 cm. thick hot pressed plywood [moisture resistance &amp; termite proof as per IS:303] &amp; pinewood of cross sections devoid of major knots &amp; surface defects. 6 nos. per seat &amp; 3.8mm Dia zigzag spring assembly is mounted over understructure for cushioning purpose. LEG ASSEMBLY : It is a welded Assembly made in Stainless steel (grade SS 202) tube &amp; plate with plastic endcap. Width (W): 206.0 CM. Depth (D): 90.5 CM. Height (H): 85.5 CM. Seat Height (SH): 45.0 CM. [Make: Godrej, Herman Miller, Steelcase]</p>   |      | No   |        |
| 26             | 3.00  | <p><b>Providing and supplying two seater sofa :-</b> SEAT FOAM : The seat is made up of PU foam in Density 28 ±2 kg/cu.mtr with an additional top layer of supersoft PU foam in Density 32 ± 2 kg/cu, upholstered with fabric or leatherette. BACK FOAM : The back is made up of PU foam in Density 28 ± 2 kg/cu. mtr with two additional top layer of supersoft foam of density 32±2 kg/cu. mtr, upholstered with fabric or leatherette. UNDERSTRUCTRE : Understructure is made up of 1.2±0.1 cm. thick hot pressed plywood [moisture resistance &amp; termite proof as per IS:303] &amp; pinewood of cross sections devoid of major knots &amp; surface defects. 6 nos. per seat &amp; 3.8mm Dia zigzag spring assembly is mounted over understructure for cushioning purpose.</p> <p>LEG ASSEMBLY : It is a welded Assembly made in Stainless steel (grade SS 202) tube &amp; plate with plastic endcap. Width (W): 146.0 CM. Depth (D): 90.5 CM. Height (H): 85.5 CM. Seat Height (SH): 45.0 CM. [Make: Godrej, Herman Miller, Steelcase]</p>   |      | No   |        |

**ABSTRACT SHEET**

| SR. No. | Qty.   | DESCRIPTION  | RATE | UNIT | AMOUNT |
|---------|--------|--|------|------|--------|
| 27      | 2.00   | <b>P/S Conference Table of Size</b> - 3600 X 1500 X 740. Work top--Made of 25mm thick MDF-one side pre-laminate board conforming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top and having chamfered edge. Access panels provided with soft closing hinges. Understructure-The Under-structure consists of mixture of 25mm and 18mm Pre-laminated twin board of E1-P2 grade and approved shade conforming to IS-12823:1990, Edge banded with matching 2 mm thick PVC lipping. Anodised aluminium alloy 63400 - WP profile is added at bottom edges for improving the aesthetics. The product has a knock-down construction. Wire Management-Bottom cabinet with door is provided for flow of wires and cables. Cutout provision below Access flap at four locations for standard 8 module Anchor Roma is provided. Beside each cutout, an additional cutout with plate is provided for mounting Audio Visual Cables (eg. HDMI,VGA-A,etc). [Make: Godrej, Herman Miller, Steelcase]   |      | No   |        |
| 28      | 100    | <b>P/F Wall paneling:</b> Providing and fixing on site Laminated / veneered panelling made by using Centrally Province Teak Wood (C.P.T.W.) framing out of 38 x 25 millimeter (finished size) at approximately 600 x 450 millimeter center to center or as per site conditions and covered by 6 millimeter thick marine ply of the requisite manufacture generally conforming to I.S.303 finished with 4 millimeter thick match group veneer with grooves pattern of approved quality including all necessary end mouldings, moulding pattern, and melamine polish. Antitermite treatment to all plywood and woodwork etc.including all leads and lifts etc complete as per Architect's Drawing and instructions of Engineer In Charge.  |      | Sqm  |        |
| 29      | 46.82  | <b>P/F Carpet</b>  |      | Sqm  |        |
|         |        | Providing and laying decorative type Green carpet tile of approved make and required size 7 - 8 mm thick with pvc backing of approved shade and pattern for flooring in required position including neat necessary surface preparation,application and cleaning etc.complete.as per Specification and directed by The Engineer-In-Charge.  |      |      |        |
| 30      | 57.56  | <b>P/F Wall Paper:</b> Providing & fixing Wall Paper on wall/ partition. Rate includes sanding, scrubbing, making the receiving surface smooth of imperfections so as to receive the wall paper. (Basic rate of WallPaper: Rs.1500/ Sq. M)   |      | Sqm  |        |
|         | 129.55 | Second Floor   |      | Sqm  |        |
| 31      | 1.00   | Providing & Fixing of Single Static Drive Unit : Overall Dimensions of SD - 4 Single Static Drive Cover Unit 4 Bay(U/C + Fittings + Cover) shall be 4800mm(W)x400mm(D)x2502.5mm(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) . 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 100Kg . Undercarriage shall have construction in welded frame made of HR sheet 3 mm thick conforming to IS:2062.The Movements shall be Drive Type configuration : In case of D4 movement of units is achieved mechanically through a Drive Wheel and Sprocket -Chain-Tensioner arrangement mounted rigidly onto body size .For D4 each movable undercarriage shall be provided with 4 rollers on the shaft for driving ,4 antifriction ball bearing for rolling and LD has 2 anti-tilt bearing assembly.The roller assembly comprises of a die-cast step wheel, 2 deep-groove ball bearings and a MS shaft. The step wheel is made of cast steel and is fitted onto the MS shaft using a feather key. The two ball bearings are then fastened on either side of the step wheel using circlips. This entire roller assembly is then snap-fitted into a wheel housing. The wheel housing is fixed in the U channel of the understructure using machine screws. This wheel housing is made of engineering plastic material made by injection-molding process. The entire roller assembly is designed to withstand the maximum loads of the body.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. 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. 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 . |      | Nos. |        |



**ABSTRACT SHEET**

| SR. No. | Qty. | DESCRIPTION   | RATE | UNIT | AMOUNT |
|---------|------|---|------|------|--------|
|         |      | Door locking shall be having hinged doors of recessed die cast handle cum lock giving 3 way locking through a lever & shooting bolts. Also total no. of loading levels per understructure shall be 24 for SD4. The nuts & bolts are galvanized / blackodized / Zn Plated. Also total no. of loading levels per understructure shall be 30 for TD3. Label holder - It is an aluminium extrusion of length 396mm for LD/SD and 796mm for TD, fitted on to front cover of body. The Paper is 300GSM matt milky white sticker paper, to be inserted into the aluminium extrusion. The length of paper is 394mm for LD/SD and 794mm for TD. Over that a transparent plastic of corresponding length of 150-300 micron polythene is to be inserted. TD units are designed with tie rod assembly options as well. it acts as a substitute to the back panels (only in twin body) if the customer chooses to not have back panels. The assembly consists of 2 tie rods, 4 fixing brackets and 2 turnbuckles. The tie rods are fixed in a shape of 'X' between two opposite shelves. The tie rods are made of 4mm diameter rods of MS while the fixing brackets are made of 2mm thk. CRCA Steel conforming to IS: 513 Gr.D. etc. complete. [Make: Godrej, Herman Miller, Steelcase]  |      |      |        |
| 32      | 1.00 | Providing & Fixing of Single Last Drive Unit:- Overall Dimensions of LD4 Single last Drive Unit 4 Bay(U/C + Fittings + Cover) shall be 4800m(W)x400mm(D)x2502.5mm(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 100 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3 mm thick conforming to IS : 2062. The Movements shall be Drive Type configuration : In case of D2,D3 & D4 movement of units is achieved mechanically through a PU Drive Wheel and Sprocket -Chain-Tensioner arrangement mounted rigidly onto body size. For D4 each movable undercarriage shall be provided with 4 rollers on the shaft for driving , 4 antifriction ball bearing for rolling. LD understructure has 2 nos. of anti-tilt bearing assembly. The roller assembly comprises of a die-cast step wheel, 2 deep-groove ball bearings and a MS shaft. The step wheel is made of cast steel and is fitted onto the MS shaft using a feather key. The two ball bearings are then fastened on either side of the step wheel using circlips. This entire roller assembly is then snap-fitted into a wheel housing. The wheel housing is fixed in the U channel of the understructure using machine screws. This wheel-housing is made of engineering plastic material made by injection-molding process. The entire roller assembly is designed to withstand the maximum loads of the body. 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 Godrej make & placed at suitable height .The 'sprocket-chain' arrangement is covered by a 1 mm thk. CRCA sheet Drive Unit Cover with dimensions 1202mm x 398mm x 87mm and is fixed onto the side of the body. The PU handwheel is rigidly fixed at suitable height on side of the body & projects out of cover by another 99.0 mm. Fixed unit (SD) does not have the Drive Unit Cover. When the last unit is twin movable, hinged doors as accessories 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 Knob shall be rotated to unlock position when units are to be moved. End stoppers shall be provided to prevent derailment.The nuts & bolts are galvanized / blackodized / Zn Plated. Also total no. of loading levels per understructure shall be 24 for LD4. Label holder - It is an aluminium extrusion of length 396mm for LD/SD and 796mm for TD, fitted on to front cover of body. The Paper is 300GSM matt milky white sticker paper, to be inserted into the aluminium extrusion. The length of paper is 394mm for LD/SD and 794mm for TD. Over that a transparent plastic of corresponding length of 150-200 micron polythene is to be inserted. |      | Nos. |        |
|         |      |   |      |      |        |

**ABSTRACT SHEET**

| SR. No. | Qty. | DESCRIPTION  | RATE | UNIT | AMOUNT |
|---------|------|--|------|------|--------|
| 33      | 3.00 | <p>Providing &amp; Fixing of Twin Mobile Drive Unit: Overall Dimensions of TD4 Twin Drive Unit 4 bay(U/C + Fittings + Cover) shall be 4800mm(W)x800mm(D)x2502.5mm(H). The Construction shall be rigid knock down made out of 0.8 thick CRCA steel conforming to IS : 513 . Each body shall have</p> <p>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 100 Kg . Undercarriage shall have construction in welded frame made of HR sheet 3 mm thick conforming to IS : 3062. The Movements shall be Drive Type configuration : In case of D2,D3 &amp; D4 movement of units is achieved mechanically through</p> <p>a PU Drive Wheel and Sprocket -Chain-Tensioner arrangement mounted rigidly onto body size. For D4 each movable undercarriage shall be provided with 4 rollers on the shaft for driving ,4 antifriction ball bearing for rolling. The roller assembly comprises of a die-cast step wheel, 2 deep-groove ball bearings and a MS shaft. The step wheel is made of cast steel and is fitted onto the MS shaft using a feather key. The two ball bearings are then fastened on either side of the step wheel using circlips. This entire roller assembly is then snap-fitted into a wheel housing. The wheel housing is fixed in the U channel of the understructure using machine screws. This wheel-housing is made of engineering plastic material made by injection-molding process. The entire roller assembly is designed to withstand the maximum loads of the body. 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 Godrej make &amp; placed at suitable height .</p> |      | Nos. |        |
|         |      | <p>The 'sprocket-chain' arrangement is covered by a 1 mm thk. CRCA sheet Drive Unit Cover with dimensions 1302mm x 398mm x 87mm and is fixed onto the side of the body. The PU handwheel is rigidly fixed at suitable height on side of the body &amp; projects out of cover by another 99.0 mm. Fixed unit (SD) does not have the Drive Unit Cover. When the last unit is twin movable, hinged doors as accessories 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.The nuts &amp; bolts are galvanized / blackodized / Zn Plated. Also total no. of loading levels per understructure shall be 48 for TD4. Label holder - It is an aluminium extrusion of length 396mm for LD/SD and 796mm for TD, fitted on to front cover of body. The Paper is 300GSM matt milky white sticker paper, to be inserted into the aluminium extrusion. The length of paper is 394mm for LD/SD and 794mm for TD. Over that a transparent plastic of corresponding length of 150-300 micron polythene is to be inserted.TD units are designed with tie rod assembly options as well. it acts as a substitute to the back panels (only in twin body) if the customer chooses to not have back panels. The assembly consists of 2 tie rods, 4 fixing brackets and 2 turnbuckles. The tie rods are fixed in a shape of 'X' between two opposite shelves. The tie rods are made of 4mm diameter rods of MS while the fixing brackets are made of 2mm thk. CRCA Steel conforming to IS: 513 Gr.D</p>  |      |      |        |
| 34      |      | <p>Providing &amp; Fixing of Godrej Make Compactors Rail Channels of 1600 mm It consists of 'C' section 2 mm thk HR sheet &amp; Square 25.4mm X 2mm thk ERW tube – both connected by screws. Prior to the grouting of the guide channels with the help of raul plug &amp; screw, ensure the ground is level.</p>   |      |      |        |
| 35      |      | <p>Providing &amp; Fixing of Godrej Make Compactors Rail Channels of 2400 mm: It consists of 'C' section 2 mm thk HR sheet &amp; Square 25.4mm X 2mm thk ERW tube – both connected by screws. Prior to the grouting of the guide channels with the help of raul plug &amp; screw, ensure the ground is level</p>   |      |      |        |
|         |      | <b>Grand Total</b>   |      |      |        |