

ESTIMATED BOQ FOR MODULAR FURNITURE WORKS OF CIRCLE OFFICE AT SIX MILE, GUWAHATI, ASSAM

SR.N O	DESCRIPTION	QTY.	UNIT	RATE	AMOUNT
1	For Workstation Area				
i	Linea Pentagonal Module (1500mmW1 x 1500mmW2 x 600mmD x 750mmH) mm	41	Nos		
	Providing and fixing Desking based Modular work stations , Linea Pentagonal Module (1500mmW1 x 1500mmW2 x 600mmD x 750mmH) mm as per the Layout Plan and detailed drawing with Mobile Pedestal (497mmH x 390mmW x 585mmD) and without screen, as per details given below:				
	Each Modular Desk Linea Pentagonal Module should be provided with the following; a) 25 mm thick pre laminated post formed table top. b) Pedestal unit c) Metal Key board Tray Ebco Make, with Mouse Pad d) C.P.U trolley in metal e) Frame works and legs for the table f)Wire Management				
	Desk based system with understructure comprising of leg assemblies and cross connectors. Over the matrix of legs and cross connectors, the worksurfaces and wire carriers are to be fixed. The legs used in the entire system are fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW). Cross connectors are to be provided as supporting members which should span across the leg assemblies and form the understructure of the workstation. The cross connectors to be fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW) with 2 100mm x 55mm x 5mm L-shaped connector brackets (IS: 2062 5mm HR) on either ends which have counter-sunk holes and oblong slots (2 nos. each). Worksurface shall be made of 25mm thick pre-laminated board conforming to IS: 12823. The top shall be laminated with 0.8 mm thick laminate conforming to IS: 2046 and glue of PVAC. Bottom should have backing laminate of 0.8mm thickness.				
	All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC liping glued with hot melt EVA glue. The undersurface of the worksurfaces should be screwed to cross connectors and leg assembly. Spacers which are plastic moulded with Nylon-6 are used to give the floating effect of worktop maintaining a gap of 20mm between the understructure and the worktop. Access flap made of Aluminium extrusion and ABS moulded ends are capped to both ends of extrusion. The dimension should be 370mmL x 134mmW x 31mmH. Wire carrier is to be made with a combination of Dia 3 mm and Dia 5mm MS Rod along with 5 mm thick MS plates. All metallic parts should be of make Tata Steel/ JSW, Particle board and lipping of make Merino, fittings of Ebco/ Hettich and powder coating of Nerolac make powder.				
	B - PEDESTAL:				
	Free Standing Pedestals with castors: Dimensions : 646mmH X 497mmD X 390mmW: Construction and materials: Welded Assembled. 0.8mm thick CRCA for Body Shell, Drawer Front & tray, Front Side Stiffener, Rear Side Stiffener & Bottom. 1.2 thick CRCA Top Stiffener & Bottom stiffener. Drawer Fronts: Metal Front Straight Edge. Drawer Specifications: All Drawers with Double extension precision ball slide. 390mm wide Pedestals File drawer - suitable for storing Full-scape files in Depth wise manner. A4 files in width wise manner. For Drawer pulling, side wise tapered recess provided in shell behind Drawer Fronts. Locking: 10 lever Cam Lock & Central RH locking with actuator & lock channel mechanism. Top Panel: 8mm thick Metal Straight Edge Top. Castors: Swivelling non-lockable Castors mounted below the body shell. Anti-tipping: Fifth roller arrangement mounted below File drawer to avoid toppling of unit when file drawer is pulled out. Partition in Drawer: 1 no. Partition in Box Drawers with lock mounted. Application / Mounting Environment: Suitable for pushing below Grid work surface which has got a clear height of 725 mm from below. Finish: Epoxy Polyester Powder coated to the thickness of 50 microns (+/-10). All metallic parts should be of make Tata Steel/ JSW, fittings of Ebco/ Hettich and powder coating of Nerolac make powder.				
	C – METAL KEYBOARD TRAY :				

	Each workstation should provided with powder coated finish Metal Keyboard Tray of EBCO or equivalent make.				
	D - CPU TROLLEY :				
	Each workstation should be provided with M.S. powder coated finish adjustable type CPU Trolley with 4 nos of casters, of EBCO or equivalent make				
ii	LINEAR Linea Recta Module WORKSTATION - 1500mmW x 600mmD x 750mmH	1	Nos		
	Providing and fixing Desking based Modular work stations , Linea Module (1200mmW x 600mmD x 750mmH) mm as per the Layout Plan and detailed drawing with Mobile Pedestal (497mmH x 390mmW x 585mmD) and without screen, as per details given below:				
	Each Modular Desk Linea Pentagonal Module should be provided with the following; a) 25 mm thick pre laminated post formed table top. b) Pedestal unit c) Metal Key board Tray Ebco Make, with Mouse Pad d) C.P.U trolley in metal e) Frame works and legs for the table				
	f)Wire Management				
	Desk based system with understructure comprising of leg assemblies and cross connectors. Over the matrix of legs and cross connectors, the worksurfaces and wire carriers are to be fixed. The legs used in the entire system are fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW). Cross connectors are to be provided as supporting members which should span across the leg assemblies and form the understructure of the workstation. The cross connectors to be fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW) with 2 100mm x 55mm x 5mm L-shaped connector brackets (IS: 2062 5mm HR) on either ends which have counter-sunk holes and oblong slots (2 nos. each). Worksurface shall be made of 25mm thick pre-laminated board conforming to IS: 12823. The top shall be laminated with 0.8 mm thick laminate conforming to IS: 2046 and glue of PVAC. Bottom should have backing laminate of 0.8mm thickness.				
	All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC liping glued with hot melt EVA glue. The undersurface of the worksurfaces should be screwed to cross connectors and leg assembly. Spacers which are plastic moulded with Nylon-6 are used to give the floating effect of worktop maintaining a gap of 20mm between the understructure and the worktop. Access flap made of Aluminium extrusion and ABS moulded ends are capped to both ends of extrusion. The dimension should be 370mmL x 134mmW x 31mmH. Wire carrier is to be made with a combination of Dia 3 mm and Dia 5mm MS Rod along with 5 mm thick MS plates. All metallic parts should be of make Tata Steel/ JSW, Particle board and lipping of make Merino, fittings of Ebco/ Hettich and powder coating of Nerolac make powder.				
	B - PEDESTAL:				
	Free Standing Pedestals with castors: Dimensions : 646mmH X 497mmD X 390mmW: Construction and materials: Welded Assembled. 0.8mm thick CRCA for Body Shell, Drawer Front & tray, Front Side Stiffener, Rear Side Stiffener & Bottom. 1.2 thick CRCA Top Stiffener & Bottom stiffener. Drawer Fronts: Metal Front Straight Edge. Drawer Specifications: All Drawers with Double extension precision ball slide. 390mm wide Pedestals File drawer - suitable for storing Full-scape files in Depth wise manner. A4 files in width wise manner. For Drawer pulling, side wise tapered recess provided in shell behind Drawer Fronts. Locking: 10 lever Cam Lock & Central RH locking with actuator & lock channel mechanism. Top Panel: 8mm thick Metal Straight Edge Top.				
	C – METAL KEYBOARD TRAY :				
	Each workstation should provided with powder coated finish Metal Keyboard Tray of EBCO or equivalent make.				
	D - CPU TROLLEY :				
	Each workstation should be provided with M.S. powder coated finish adjustable type CPU Trolley with 4 nos of casters, of EBCO or equivalent make				
iii	LINEAR Linea Recta Module WORKSTATION - (1200mmW x 600mmD x 750mmH	1	Nos		

	Providing and fixing Desking based Modular work stations , Linea Module (1200mmW x 600mmD x 750mmH) mm as per the Layout Plan and detailed drawing with Mobile Pedestal (497mmH x 390mmW x 585mmD) and without screen, as per details given below:				
	Each Modular Desk Linea Pentagonal Module should be provided with the following; a) 25 mm thick pre laminated post formed table top. b) Pedestal unit c) Metal Key board Tray Ebco Make, with Mouse Pad d) C.P.U trolley in metal e) Frame works and legs for the table				
	f)Wire Management				
	Desk based system with understructure comprising of leg assemblies and cross connectors. Over the matrix of legs and cross connectors, the worksurfaces and wire carriers are to be fixed. The legs used in the entire system are fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW). Cross connectors are to be provided as supporting members which should span across the leg assemblies and form the understructure of the workstation. The cross connectors to be fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW) with 2 100mm x 55mm x 5mm L-shaped connector brackets (IS: 2062 5mm HR) on either ends which have counter-sunk holes and oblong slots (2 nos. each). Worksurface shall be made of 25mm thick pre-laminated board conforming to IS: 12823. The top shall be laminated with 0.8 mm thick laminate conforming to IS: 2046 and glue of PVAC. Bottom should have backing laminate of 0.8mm thickness.				
	All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC liping glued with hot melt EVA glue. The undersurface of the worksurfaces should be screwed to cross connectors and leg assembly. Spacers which are plastic moulded with Nylon-6 are used to give the floating effect of worktop maintaining a gap of 20mm between the understructure and the worktop. Access flap made of Aluminium extrusion and ABS moulded ends are capped to both ends of extrusion. The dimension should be 370mmL x 134mmW x 31mmH. Wire carrier is to be made with a combination of Dia 3 mm and Dia 5mm MS Rod along with 5 mm thick MS plates. All metallic parts should be of make Tata Steel/ JSW, Particle board and lipping of make Merino, fittings of Ebco/ Hettich and powder coating of Nerolac make powder.				
	B - PEDESTAL:				
	Free Standing Pedestals with castors: Dimensions : 646mmH X 497mmD X 390mmW: Construction and materials: Welded Assembled. 0.8mm thick CRCA for Body Shell, Drawer Front & tray, Front Side Stiffener, Rear Side Stiffener & Bottom. 1.2 thick CRCA Top Stiffener & Bottom stiffener. Drawer Fronts: Metal Front Straight Edge. Drawer Specifications: All Drawers with Double extension precision ball slide. 390mm wide Pedestals File drawer - suitable for storing Full-scape files in Depth wise manner. A4 files in width wise manner. For Drawer pulling, side wise tapered recess provided in shell behind Drawer Fronts. Locking: 10 lever Cam Lock & Central RH locking with actuator & lock channel mechanism. Top Panel: 8mm thick Metal Straight Edge Top.				
	C – METAL KEYBOARD TRAY :				
	Each workstation should provided with powder coated finish Metal Keyboard Tray of EBCO or equivalent make.				
	D - CPU TROLLEY :				
	Each workstation should be provided with M.S. powder coated finish adjustable type CPU Trolley with 4 nos of casters, of EBCO or equivalent make				
iv	LINEAR Linea Recta Module WORKSTATION - 900mmW x 600mmD x 750mmH	1	Nos		
	Providing and fixing Desking based Modular work stations , Linea Module (900mmW x 600mmD x 750mmH) mm as per the Layout Plan and detailed drawing with Mobile Pedestal (497mmH x 390mmW x 585mmD) and without screen, as per details given below:				
	Each Modular Desk Linea Pentagonal Module should be provided with the following; a) 25 mm thick pre laminated post formed table top. e) Frame works and legs for the table				

	Desk based system with understructure comprising of leg assemblies and cross connectors. Over the matrix of legs and cross connectors, the worksurfaces and wire carriers are to be fixed. The legs used in the entire system are fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW). Cross connectors are to be provided as supporting members which should span across the leg assemblies and form the understructure of the workstation. The cross connectors to be fabricated by CO2 welded MS tube of section 50.8mm x 50.8mm x 1.2mm thick (as per IS:7138 ERW) with 2 100mm x 55mm x 5mm L-shaped connector brackets (IS: 2062 5mm HR) on either ends which have counter-sunk holes and oblong slots (2 nos. each). Worksurface shall be made of 25mm thick pre-laminated board conforming to IS: 12823. The top shall be laminated with 0.8 mm thick laminate conforming to IS: 2046 and glue of PVAC. Bottom should have backing laminate of 0.8mm thickness.				
	All the edges of the work surface shall be provided with machine pressed 2 mm thick PVC liping glued with hot melt EVA glue. The undersurface of the worksurfaces should be screwed to cross connectors and leg assembly. Spacers which are plastic moulded with Nylon-6 are used to give the floating effect of worktop maintaining a gap of 20mm between the understructure and the worktop. Access flap made of Aluminium extrusion and ABS moulded ends are capped to both ends of extrusion. The dimension should be 370mmL x 134mmW x 31mmH. Wire carrier is to be made with a combination of Dia 3 mm and Dia 5mm MS Rod along with 5 mm thick MS plates. All metallic parts should be of make Tata Steel/ JSW, Particle board and lipping of make Merino, fittings of Ebco/ Hettich and powder coating of Nerolac make powder				
2	LOOSE TABLE				
A	A. EXECUTIVE TABLE				
	The Table set should have Main Table + Side Table + Mobile Pedestal Unit. The ERU and pedestal unit should be independently placed as per user preference.				
	Main Table: Main table top size should be 2400mmW x 900mmD. Should be made of 68mm+/-1 mm thick combination of MDF, particle board and solid wood (batton construction) with top veneer face coated with clear lacquer. Side panel (683mm x 600mm) should be made of 60mm +/-1 thick combination of MDF, particle board and solid wood (batton construction) with top veneer face coated with clear lacquer. Modesty panel (2240mm x 600mm) should be made of 17mm +/-1 thick combination of MDF, particle board and solid wood (batton construction) with top veneer face coated with clear lacquer.				
	ERU: Size: 1200mW x 440mmD x 650mmH. Top panel should be (1200mm x 440mm) made of 22mm+/-1mm thick particle board. Side panel should(440mm x 546mm) made of 17mm+/-1 mm thick particle board. Back panel should be (1164mm x 546mm) made of 17mm+/-1 mm thick particle board. Bottom panel should be (1200mm x 440mm) made of 17mm+/-1 mm thick particle board. Hinged door panel should be (340mm x 546mm) made of 17mm+/-1 mm thick particle board. Shelf panels should be (546mm x 404mm) and (344mm x 404mm) made of 16mm +/-1mm thick particle board. Surface finish should be Veneer face/ coated with clear lacquer. All thickness edges are edge banded with matching lipping.				
	Pedestal: Size 443mmW x 510mmD x 635mmH. Top panel should be(443mm x 510mm) made of 22mm+/-1 mm thick particle board. Side panel should be (490mm x 549mm) made of 17mm+/-1 mm thick particle board. Back panel should be (408mm x 548mm) made of 16mm +/-1mm thick particle board. Bottom panel should be (408mm x 473mm) made of 16mm +/-1mm thick particle board. Drawer fronts (440mm x 158mm) top drawer (440mm x 190mm) for middle and bottom drawers should be made of 17mm+/-1 mm thick particle board. Surface finish should be Veneer face/ coated with clear lacquer. All thickness edges are edge banded with				

	Back Storage : (2111mmW x 410mmD x 2000mmH).Top panel should be(2211mm x 410mm) made of 22mm+/-1 mm thick particle board. Side panel should be (1978mm x 390mm) made of 17mm+/-1 mm thick particle board. Back panel should be 3 numbers made of 4mm +/-1mm thick pre-laminated MDF. Bottom panel should be 3 numbers made of 16mm +/-1mm thick particle board. Top hinged door panels should be 2 numbers made of (440mm x 1150mm)made of 17mm+/-1 mm thick particle board. Top glass door panel should be 3 numbers made of (440mm x 1150mm) made of 17mm+/-1 mm thick particle board frame with tempered glass of 5mm thickness. bottom hinged door panels should be 5 numbers (440mm x 766mm) made of 17mm+/-1 mm thick particle board. Surface finish should be Veneer face/ coated with clear lacquer. All thickness edges are edge banded with matching lipping.				
	CPU Trolley should be made up of M.S. Sheet with powder coated finish and the bottom should have 4 nos. of best quality				
i	Dy. General Manager's Table- 2400mm x 1000mm x 750 mm, COMPRISING OF -	1	Nos		
	A) Main Table				
	B) Side Unit				
	C) Back Storage				
	D) Pedestal				
	E) CPU Trolley				
B	EXECUTIVE TABLES				
	The table should be of overall dimension (2100mmW x 2250mmD x 750mmH).				
	Primary work-surface: The primary work-surface (2100mmW x 1050mmD) should be made of 25mm thick pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, edge-banded with matching 2mm thick PVC lipping.				
	Secondary work-surface: The secondary work-surface (1200mmW x 500mmD) should be made of 25 mm thick one side pre-laminated board conforming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to the top. Soft-closing access flap with in-build power box should be provided on work-surface for wire-management.				
	Modesty panel: The modesty panel should be made of 25 mm thick one side pre-laminated board conforming to IS-14587:1998 with 0.4 mm PVC membrane pressed on to the top.				
	Under-structure: The under-structure should be made of 25mm thick pre-laminated twin board of E1-P2 grade and approved shade confirming to IS-12823:1990, edge-banded with matching 2mm thick PVC lipping.				
	Integrated Pedestal: Integrated pedestal should be fixed below both primary and secondary work-surface and should be 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 & anti slam mechanism. Handles are provided for ease of opening. Pedestal is provided with lock for security.				
	Back Unit: The over-all dimension should be (1800mmW x 500mmD x 750mmH). The top panel should be Made of 25mm thick MDF one side pre-laminate board confirming to IS-14587:1998 with 0.4mm PVC membrane pressed on to top. Sliding 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.				
i	Asst. General Manager's Table - 2100mmW x 2250mmD x 750mmH, comprising of -	3	Nos		
	A) Main Table				
	B) Side Unit				
	C) Back Storage				
	D) Pedestal				

	E) CPU Trolley				
c	OFFICERS TABLE				
	The Table set should have Main Table + Side Table + Mobile Pedestal Unit. Main table: should be made of 25 MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 0.6MM THICK POST FORMED LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. MODESTY: 18MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 1.0MM THICK DECORATIVE LAMINATE (DL) ON BOTH SIDES. EDGE SEALED WITH 2MM THICK PVC BEADING.				
	ERU: 25 MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 0.6MM THICK POST FORMED LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. MODESTY: 18MM THICK PLAIN PARTICLE BOARD (PPB) CLAD WITH 1.0MM THICK DECORATIVE LAMINATE (DL) ON BOTH SIDES. EDGE SEALED WITH 2MM THICK PVC BEADING.				
i	Divisional Manager's Table- 1650mm x 750mm x 750mm, comprising of -	5	Nos		
	A) Main Table				
	B) Side Unit				
	C) Pedestal				
	D) Metal Key Board Tray with Mouse pad				
	E) CPU Trolley				
ii	Office/ Asst Manage/ Manager's Table- 1500mm x 750mm x 750mm, comprising of -	16	Nos		
	A) Main Table				
	B) Side Unit				
	C) Pedestal				
	D) Metal Key Board Tray with Mouse pad				
	E) CPU Trolley				
3	Modular Low Height Storages				
	Supplying and fixing in positions, Modular Lockable Low Height storage units. Construction should be knockdown construction of 25mm thick and 18mm thk pre laminated boards with metal cladding of 0.8mm thick CRCA from outside. Side metal cladding should be Epoxy polyester powder coated with 50+/- 10 microns. Top should be 11mm thick bent metal tops made of 0.8mm thick CRCA (as per IS: 513) and coated with Epoxy polyester powder of 50+/- microns. Two door opening for doors should be provided and made of 18mm thk pre laminated boards with decorative laminate on one side and backing laminate on the other side. Shelving should be 1 number adjustable shelf and 1 number fixed shelf without vertical partition for 900mmW unit and 2 nos. adjustable shelves and 2 nos. fixed shelves with vertical partition in between for 1050mm width unit. UDL for each shelf should be 40 kg. Skirtings of 150mm height should be provided. Skirting should be made of 0.8mm thick CRCA and powder coated to a thickness of 50+/-10 microns. Screw type adjustable leveler with plastic base should be provided for vertical adjustment for uneven floors and leveling of units. Back panels should be made of 18 mm thick PLB and have splits back top panel and split back bottom panel separated by aluminium extrusion. 3 way nickel plated wooden furniture lock should be provided for effective and positive locking of doors. Recessed Handles should be made of aluminium extrusion for easy opening and closing. All metallic parts should be of make Tata Steel/ JSW, Particle board and lipping of make Woodhouse, fittings of Ebco/ Hettich and powder coating of Nerolac make powder.				
i	1000mmW x 750mmH x 460mmD	3	Nos		
ii	1050mmW x 750mmH x 460mmD	1	Nos		
iii	1300mmW x 750mmH x 460mmD	6	Nos		
iv	1500mmW x 750mmH x 460mmD	11	Nos		
v	1600mmW x 750mmH x 460mmD	1	Nos		
vi	1800mmW x 750mmH x 460mmD	2	Nos		
vii	1900mmW x 750mmH x 460mmD	2	Nos		
viii	2000mmW x 750mmH x 460mmD	1	Nos		
ix	2100mmW x 750mmH x 460mmD	4	Nos		
x	2250mmW x 750mmH x 460mmD	2	Nos		

xi	2400mmW x 750mmH x 460mmD	2	Nos		
xii	2850mmW x 750mmH x 460mmD	2	Nos		
xiii	3000mmW x 750mmH x 460mmD	5	Nos		
xiv	3450mmW x 750mmH x 460mmD	1	Nos		
xv	6750mmW x 750mmH x 460mmD	1	Nos		
4	Discussion tables	1	Nos		
	Providing and placing 600 mm dia , 2-Seater free standing round tables as per the following details				
	Table top				
	Table top to be 12 mm Toughned glass with bevelled edges, machine polished as per the drawing and as directed by the Architect/ Engineer-in-charge				
	Table tops shall be single piece and shall be cut as per profile shown in the drawings.				
	Framework				
	Table support framework to be powder coated M.S framework as per propretory design.				
5	BOOK SELVES				
	4 Door book case of size: 1742mm H x 914mm W x 320mm D, made of made of 0.7mm thick CRCA MS epoxy powder coated with knock down construction. Each door should have 6 leaver cam lock with common key. Each door should have 3mm thick glass for clear inside vission secure in metal frame through rubber gasket.	6	Nos		
	GRAND TOTAL				