



CORRIGENDUM NOTICE :
Procurement, Installation & Commissioning of Furniture Furnishing and Electrical Items
for the New Seed Testing Laboratory Building constructed under
Rashtriya Krishi Vikash Yojana at Uttar Banga Krishi Viswavidyalaya
Pundibari, Cooch Behar, West Bengal.

E-TENDER NO: 03 OF 2018-19

UTTAR BANGA KRISHI VISWAVIDYALAYA

P.O. PUNDIBARI, DIST. COOCH BEHAR, WEST BENGAL- 736165

ফোন/Phone: 03582-270143 (O)

ফ্যাক্স/Fax : 03582-270143

ইমেল/E-mail: registrarubkvu@gmail.com

ওয়েবসাইট/Website: www.ubkv.ac.in



উত্তরবঙ্গ কৃষি বিশ্ববিদ্যালয়

পুণ্ডিবাড়ী, কোচবিহার, পশ্চিমবঙ্গ-৭৩৬১৬৫

UTTAR BANGA KRISHI VISWAVIDYALAYA

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নিয়ামক (ভারপ্রাপ্ত)

Registrar (Acting)

ফোন/Phone: 03582-270143 (O)

ফ্যাক্স/Fax : 03582-270143

ইমেল/E-mail: registrarubkv@gmail.com

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Ref No: 1553 /UBKV/Est. (WD)

Date:12 /03/2019

NOTICE INVITING TENDER (NIT)

E-Tender No. 03 of 2018-19

Sealed Tenders are hereby invited under Two Bid System viz, **Part-I Technical Bid and Part II Financial Bid** from the intending reputed and experienced manufacturers / authorized dealers / eligible experienced agencies for Procurement, Installation and Commissioning of Furnitures and Electrical installations for Seed Testing Laboratory under RKVY Project at Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar as per the specification furnished here in under.

Title of Work: Procurement, Installation & Commissioning of Furniture Furnishing and Electrical Items for the New Seed Testing Laboratory Building constructed under Rashtriya Krishi Vikash Yojana at Uttar Banga Krishi Viswavidyalaya Pundibari, Cooch Behar, West Bengal.

Broad Scope of Work:

Procurement shall be done in three different heads as under:

COMPONENT-A: Procurement & Installation of interior Furniture & Furnishing for Offices & Utility area including allied Civil work (General Office Furniture).

COMPONENT-B: Procurement & Installation of interior Furniture & Furnishing for different Laboratories including allied Civil work (Lab Furniture)

COMPONENT-C: Procurement, Installation & Commissioning of Electrical Items.

TECHNICAL SPECIFICATION

COMPONENT ~A [Procurement & Installation of Interior Furniture & Furnishing for Offices & Utility area (General Office Furniture) including allied Civil work]

SI No	Description of Item & Specification	Item Size	Qty
1	Providing and fixing Stainless Steel 3 Seater Modular Chair with two arms at ends. The seat and back should be continuous and made of perforated stainless steel of grade SS202 (1.6mm thickness) melamine polished and powder coated. The edges of the seat should be protected by bended melamine polished and powder coated (SS202). The arms and legs should be die casted melamine polished and chrome plated. The supporting beam should be made from tubular steel (2.0mm thick) after precise pressing and welding with powder coating. The legs should have adjustable bullet feet at the bottom. The delivered item shall be complete in all respect.	1600-1700 x 600-630 mm	10 Nos
2	Providing and fixing Notice Board made with soft board panel of specified sizes having 19 mm thick soft board over 12mm thick BWP Ply Board covered with felt fabric of approved make and shade of premium quality and cost of fabric not less than Rs. 250/- Rm the board shall have beech wood beading, lipping all-round. The board shall be fixed on prepared surface with necessary hardware fittings etc. complete. All concealed wood works shall have sealer melamine polish as directed. Rate quoted shall be for the complete finished work including all the materials and labor mentioned above. The delivered item shall be complete in all respect. N.B: Ply/ Block board & Laminates used should be of CENTURY/GREEN make(BWP GRADE for Ply /Block board & 1mm thick for Laminates)	1200 x 600 mm	8 Nos
3	Supplying Office chair: Seat Back Assembly – The seat and back are made up of 1.2 +_0.1 cm,thick hot pressed plywood measured and upholstered with fabric upholstery cover and molded poly-urethane foam. The back foam is designed with contoured lumber support for extra support. The seat has extra thick foam on front edge to give comfort to popliteal area. BACK SIZE 47.5 cm. (W) * 58.0 cm (H) and SEAT SIZE 47.0cm(W)*50.0cm(D). HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam is molded with density = 45 +_ 2 Kg/m3 and hardness load of 16+_2 Kgf as per IS:7888 for 25% compression. ARMRESTS: The one piece armrest are injection molded from black Copolymer Polypropylene CENTER TILT SINCRO MECHANISM : The mechanism is designed with the following feature. 360 degree revolving type. Upright position locking Tilt tension adjustment Seat/back tilting ratio of 1:3 PNEUMATIC HEIGHT ADJUSTMENT : The pneumatic height adjustment has an adjustment stroke of 12.0_+0.3cm. TELESCOPIC BELLOW ASSEMBLY : The bellow is 3 piece telescopic type and injection molded in black polypropylene. PEDESTAL ASSEMBLY : The pedestal is injection molded in black 33% glass filled Nylon66 and fitted with 5 no's twin wheel castors, The pedestal is 66.3_+0.5cm. Pitch center dia(76.3_+1.0cm with castors) TWIN WHEEL CASTORS : The twin wheel castors are injection molded in black nylon.	470 x 500 mm	18 Nos
4	Supplying Visitor's chair: The seat and back are made up of 1.2 ±0.1cm. thick hot pressed plywood and upholstered with changeable fabric upholstery covers and molded Polyurethane foam, together with molded back spine cover. The back foam is designed with contoured lumbar support for extra comfort. * BACK Size: 43.0cm. (W) X 46.0cm. (H) *SEAT Size: 47.0cm. (W) X 50.0cm. (D) Overall Dimension: 59.0cm(W) X 58.0 cm(H)X88 cm; Seat Height: 45 Cm The HR Polyurethane foam is molded with density = 45 +/2 kg/m3 and Hardness load 16 ± 2 kgf as per IS:7888 for 25% compression. The armrests are made of black integral skin Polyurethane with 5070 Shore 'A' Hardness and reinforced with M.S. insert. The P.U. armrests are then fixed to black powder coated (DFT 4060 microns) armrest brackets made of of 0.5 ± 0.05 cm. thk. HR steel and fitted with claddings made of injection molded Polypropylene. The understructure is made of dia 2.54 +0.03cm. x 0.2 ±0.016cm.thk. M.S. E.R.W. tube and black powder coated (DFT 4060 microns). The delivered item shall be complete in all respect.	470 x 500 mm	50 Nos

5	<p>Supplying and fixing of window vertical blinds which will have- a) Head Rail - The head rail shall be extruded aluminium alloy measuring 45 mm wide and 25 mm high with a minimum wall thickness of 1.10 mm and shall be specially designed with curve shaped front face. The head rail shall house all operating components of the blind and shall be powder coated. b) Carriers - The carriers shall be made of detrinacetal resin and shall traverse on two wheels along the guide slots in the head rail.. The spacing of each carrier shall be controueo by a plastic spacer fixed to the carrier body providing a minimum louver overlap of 12 mm in the fully closed position.. Louvers shall reverse left to right, right to left or split by means of the traverse cord's) Other Hardware - Louvers shall incorporate hem pockets at the top sewn with monofilament clear thread for inserting the hanger and bottom weight. Hangers shall be made of nylon and bottom weight shall be made of galvanized steel molded with nylon. Bottom weight shall be connected together on both sides with a plastic bead link chain. The traverse cord shall be tensioned by a cord weight, which shall be removable without detaching from the head rail) Installation Bracket - Installation bracket shall be made of spring-tempered steel with a front flange and rear tab to snap-in at the top of the head rail. f)Fabric vanes/blinds shall be made from -84% polyester, 10% cotton and 6% flex woven in a natural weave pattern. The fabric shall be 0.50 rom thick, of weight 220 gm/sq.m. and with a lining fused on the reverse side of the 'fabric to give stiffness and stability to the blind and to reduce the intensity of sunlight.</p>	500 X 1350 mm, 1200 x 1350mm,	202.77 Sqm
6	<p>Providing and fixing the Sofa as per the drawing. It shall be standing on beam with side frame assemblies. The LH/RH side frame shall be fitted to the two ends of the ST/BK mounting frame to form the leg assembly. It shall be made of MS. E.R.W. tube dia 4.44 cm. (1.75") x 14 BG. thick and chrome plated. The ST/BK mounting frame assy. holds the two side frames together. The mounting frames, 2nos shall be used to connect the side frames. The mounting frame shall be made of MS. E.R.W. tube dia.5.08cm. (2") x 10BG thick black painted. The ST/BK shall be mounted on 14 BG thick 2cm x 4cm Recta tube which shall be welded on the beam of ST/BK mounting frame. The ST/BK assembly shall consist of 12mm thick plywood insert with Polyurethane foam having density = 45 +/- 2 Kg/cm3 and hardness of the P.U. foam = 18 to 22 Kg on Hampden m/c for 25% compression of the foam. The complete molded ST/BK assembly shall be covered with replaceable fabric upholstery cover. Seat/Back shall have dimensions 54.4cm (W) x 46.7cm (D) x 12.5cm (T). The side frames shall be fitted with front and rear bottom shoes made of injection molded polypropylene. All external surfaces shall be chrome-plated and withstands min of 100hrs in salt spray test. Fabric used shall be velvetine plus a stain repellent fabric. The velvet fabric can be vacuum cleaned in order to remove dirt & grit from the fabric surface. Upholstery covers shall be made from velvetine fabric should not be soap washed or dry cleaned. The complete molded ST/BK assembly shall be covered with a replaceable fabric upholstery cover. The side frames shall be fitted with front and rear bottom shoes made of injection molded polypropylene. All external surfaces shall be chrome-plated and withstands min of 100hrs in salt spray test. Fabric used shall be velvetine plus a stain repellent fabric. The delivered item shall be complete in all respect.</p>	<p>3-Seater Sofa: 1830W x 783D x 750H and seat height 415 mm 2-Seater Sofa: 1370W x 783D x 750H and seat height 415 mm 1-Seater Sofa: 685W x 783D x 750H and seat height 415 mm</p>	<p>21 Nos 5 Nos 4 Nos</p>
7	<p>Providing and fixing Office Table made out of 25mm thick block board as vertical support and 19mm thick BWP Plywood Board as Top, Modesty Panel, Drawers etc. All external surfaces of the vertical supports shall have 1mm thick Laminate as per approved brand and shade. Front surfaces of Table Top and Modesty Panel shall have 1mm thick Laminate of approved brand and shade. Internal surfaces of the Table Top and Modesty Panel shall have balancing laminate of 0.8mm thick (Ivory/white) of approved brand. Drawer shall be complete with soft closing telescopic channel, S.S. handle and Locking arrangement. Inside of the drawer shall have synthetic enamel paint. Table top shall be fitted with Key Board Tray of approved brand and sample. All the exposed edges of the Ply Boards shall have teak wood lipping with melamine polish. The Table should be complete with all necessary magnetic catchers, hardware's, screws etc. of approved brand and should be complete in all respect. N.B: Ply/ Block board & Laminates used should be of CENTURY/GREEN make(BWP GRADE for Ply /Block board & 1mm thick for Laminates).</p>	1500 x 750 mm	10 Nos

8	Providing and fixing Office Side Table made out of 19mm thick BWP Plywood Board. The unit shall have a combination of Drawers and Shutters as per drawing made with 19mm thick BWP Plywood Board. All external surfaces of the unit (except back) shall have 1mm thick laminate of approved brand and shade. All internal surface (except shutters) and back shall be painted with synthetic enamel paint of approved brand and shade. Back side of the shutters shall have 0.8mm thick balancing laminate (ivory/white) of approved brand. Shutters shall be complete with soft closing hinges, S.S. Handle and locking arrangements. Drawers shall have soft closing telescopic channels, S.S. Handle, and Locking arrangement. All the exposed edges of the Ply Boards shall have teak wood lipping with melamine polish The Side Table should be complete with all necessary magnetic catchers, hardware's, screws etc. of approved brand and should be complete in all respect. N.B: Ply/ Block board & Laminates used should be of CENTURY/GREEN make(BWP GRADE for Ply /Block board & 1mm thick for Laminates).	1200 x 450 mm	10 Nos
9	Providing and fixing Office Back Unit made out of 19mm thick BWP Plywood Board. The unit shall have a combination of Drawers and Shutters as per drawing made with 19mm thick BWP Plywood Board. All external surfaces of the unit (except back) shall have 1mm thick laminate of approved brand and shade. All internal surface (except shutters) and back shall be painted with synthetic enamel paint of approved brand and shade. Back side of the shutters shall have 0.8mm thick balancing laminate (ivory/white) of approved brand. Shutters shall be complete with soft closing hinges, S.S. Handle and locking arrangements. Drawers shall have soft closing telescopic channels, S.S. Handle, and Locking arrangement. All the exposed edges of the Ply Boards shall have teak wood lipping with melamine polish The Side Table should be complete with all necessary magnetic catchers, hardware's, screws etc. of approved brand and should be complete in all respect. N.B: Ply/ Block board & Laminates used should be of CENTURY/GREEN make(BWP GRADE for Ply /Block board & 1mm thick for Laminates).	1800 x 350 mm 2100 x 350 mm 2700 x 350 mm	3 Nos 4 Nos 2 Nos
10	Providing and fixing Side Table made out of Epoxy powder coated ERW tubes 20mm x 20mm x 1.6mm, 16mm x 16mm x 1.2mm (IS:7138: 1973) and 12mm thick toughened glass top as per drawing. The leg support shall have level adjustor as specified. All the metal parts shall have epoxy powder coating as per related IS.	600 x 600 mm	22 Nos
11	Fabrication and installation of Wall Cabinet made out of 25 mm thick Block Board as main vertical and horizontal supports. The unit shall have a combination of four / five vertical and four horizontal compartments and drawers with Shutters as per drawing made with 19 mm thick BWP Plywood Board. All external surfaces of the unit (except back) shall have 1mm thick laminate of approved brand and shade. All internal surface including shutters and back shall have 0.8mm thick balancing laminate (ivory/white) of approved brand. Shutters shall be complete with soft closing hinges, 300 mm S.S. Handle and locking arrangements. Drawers shall have soft closing telescopic channels, 150mm S.S. Handle, and Locking arrangement. All the exposed edges of the Ply Boards shall have teak wood lipping with melamine polish The cabinet shall be complete with all necessary magnetic catchers, hardware's, screws etc. of approved brand and should be complete in all respect. N.B: Ply/ Block board & Laminates used should be of CENTURY/GREEN make(BWP GRADE for Ply /Block board & 1mm thick for Laminates).	3845 x 2100 x 450 mm 2845 x 2100 x 450 mm	16.15 Sqm 11.95 Sqm
12	Providing and fixing TV Cabinet made out of 19mm thick BWP Plywood Board. The unit shall have single 8 shutters with S.S. Handle and S.S. hinges. All surfaces of the unit (except back) shall be finished with 1mm thick laminate of approved brand and shade. All internal surfaces and back surface shall be painted with synthetic enamel paint of approved brand and shade. All the exposed edges of the Ply Boards shall have teak wood lipping with melamine polish. The Unit should be complete with all necessary magnetic catchers, hardware's, screws etc. of approved brand and should be complete in all respect.	1350 x 900 X 150 mm	7.29 Sqm

13	Providing and fixing Wall Paneling as per drawing , in general it shall be made of Aluminum extruded sections of size 50 x 25mm x 1.5mm thick in both horizontal and vertical direction at 600 mm c/c spacing, frame shall be fixed at required depth as per drawing. The framework shall be covered with single layer of 8mm thick BWP plywood on one side. The plywood board shall be covered with 1 mm thick laminate of approved shade and make designed with vertical and horizontal groove lines and patterns as per drawings or direction of the EIC. The rate shall be inclusive of polishing, varnishing, painting with one coat of primer if required. The paneling shall have provision for lights/ switches etc as per instruction of EIC . The cost of necessary hardware's, adhesives, wastages etc; as required for complete the work shall be included in the rate. Actual laid area only will be measured and paid.		200.09 Sqm
14	Fabrication and installation of Information desk made out of 25mm thick block board as vertical support and 19mm thick BWP Plywood Board as Top, Sides, Modesty Panel, Drawers etc as per drawings. All external surfaces of the vertical supports shall have 1mm thick Laminate as per approved brand and shade. Front surfaces of Table Top and Modesty Panel shall have 1mm thick Laminate of approved brand and shade. Internal surfaces of the Table Top and Modesty Panel shall have balancing laminate of 0.8mm thick (Ivory/white/ any other) of approved brand. Drawer shall be complete with soft closing telescopic channel, S.S. handle and Locking arrangement. Inside of the drawer shall have synthetic enamel paint. All the exposed edges of the Ply Boards shall have teak wood lipping with melamine polish. The Table shall be complete with all necessary, hardware's, screws etc. of approved brand and shall be complete in all respect. The table shall have 10 mm thick clear glass of height 450 mm in the edge designed with frosted films as per drawing. The modesty panel in the side and front shall be designed with frosted glass panels fitted with metal studs with led back lights. N.B: Ply/ Block board & Laminates used should be of CENTURY/GREEN make(BWP GRADE for Ply /Block board & 1mm thick for Laminates).	4450 X 450 X 800 (H) mm	3.56 Sqm
15	Fabrication and installation of furniture filling table as per onsite measurements. All sides, internal dividers, top & bottom shall be made up of 19 mm BWP Ply Board, rear, back of cabinet shall be made up of 12 mm BWP Ply Board, all front shutters shall be made up of 19 mm BWP Ply Board, wherever required additional hardwood structural framework shall be used to strengthen the cabinet as per the instruction of EIC, Necessary cutting of cabinet rear back/sides shall be required as per the requirement and fixing of electrical and networking switches and I/Os. All external exposed surfaces of cabinet excluding top shall be finished with 1 mm thk. laminate (external) of approved shade and make. All internal surfaces of cabinet shall be finished with 0.8 mm thk laminate (balancing) including back of approved shade and make. Lipping of all edges shall be of 4mm thk. wood (TW). The shutters (if any) shall be fitted with auto closing hinges (which shall open upto 90-110 degrees), magnetic catchers, tower bolts, stoppers, shutter handles and locking system. These units will fill the gaps between two corner furniture's, furniture with walls , columns etc and have to be fabricated as per site conditions and as per the direction of EIC. Granite topping -The top of the table shall be finished with 18 to 20mm thk polished granite slab of approved shade. Necessary cutting of holes may be required for running of electric /networking cables. The front edge of the slab shall be molded but the side edges shall be flushed with the table top. N.B: Ply/ Block board & Laminates used should be of CENTURY/GREEN make(BWP GRADE for Ply /Block board & 1mm thick for Laminates).		22.41 Sqm
16	Installation work composed of sculptures, murals, motifs etc on walls of the void spaces (two spaces) as well as indoor landscaping work in the courtyards at ground floor including suitable lighting arrangement as necessary and other works like painting, polishing etc required to complete the job. This item will be done under the supervision of EIC and the works will include but not limited to each and every item described that are required to complete the work in full.	Size of each Void spaces 5.40mtrX3.90mtr	2.00 Nos
17	Providing and fixing Centre Table made out of Epoxy powder coated ERW tubes 20mm x 20mm x 1.6mm, 16mm x 16mm x 1.2mm (IS:7138:1973) and 12mm thick toughened glass top as per drawing. The leg support shall have level adjustor as specified. All the metal parts shall have epoxy powder coating as per related IS.	1000mm x 600mm	18.00 Nos
18	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.		2.00 Cum

19	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof. b) Extra rate for each addl. Floor over the rate of ground floor		2.00 Cum
20	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof. a) up to 150 mm. Thick.		1.00 Cum
21	Dismantling R.C. floor, roof, beams etc. Including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. a) In ground floor including roof.		1.00 Cum
22	Dismantling R.C. floor, roof, beams etc. Including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. b) Extra rate for each additional floor over the rate of ground floor.		1.00 Cum
23	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.		5.00 Cum
24	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including threading, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]. (ii) With 1:4 cement mortar. (b) 15 mm thick plaster.		125.00 Sqm
25	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand. (1.5 mm thick)		125.00 Sqm
26	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor). (a) One Coat. i) Water based interior grade Acrylic Primer		125.00 Sqm
27	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) (Two coats). ii) Luxury Quality		125.00 Sqm
28	Cutting chase up to 125 x 150 mm. and subsequent mending of damages. (a) in brick wall [Cement-3.6 Kg/Mtr]		100.00 Mtr
29	Cutting chase up to 125 x 150 mm. and subsequent mending of damages. (b) in concrete wall [Cement-3.6 Kg/Mtr]		12.00 mtr
30	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sq.m below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor) II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm [Applied directly over finished artificial stone floor/ mosaic etc.]. (B) Light Colour.		50.00 Sqm

COMPONENT ~B (Procurement & Installation of interior Furniture & Furnishing for different Laboratories including allied Civil work.)

Sl No	Description of Item & Specification	Item Size	Qty
1	<p>Wall bench with Under storage: The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA confirming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance, it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Wall unit should have sliding under storage suspended to the C frame of with a combination of 1 Drawer and 2 shutter. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size 4600 W x 770 D x 900 H in mm no. of under storage - 4 nos. - of size (600 W x 530 D x 635 H)</p> <p>3080 W x 920 D x 900 H in mm no. of under storage - 3 nos.- of size (600 W x 530 D x 635 H)</p> <p>2480 W x 770 D x 900 H in mm no. of under storage - 2 nos. - of size (600 W x 530 D x 635 H)</p> <p>2480 W x 620 D x 900 H in mm no. of under storage - 2 nos. - of size (600 W x 530 D x 635 H)</p> <p>5100 W x 770 D x 900 H in mm no. of under storage - 4 nos. - of size (600 W x 530 D x 635 H)</p> <p>4280 W x 920 D x 900 H in mm no. of under storage - 3 nos. - of size(600 W x 530 D x 635 H)</p> <p>1880 W x 770 D x 900 H in mm without under storage</p>	<p>1.00No</p> <p>1.00No</p> <p>1.00No</p> <p>1.00No</p> <p>1.00No</p> <p>1.00No</p> <p>1.00No</p>

2.	<p>Wall bench with Under storage, Reagent Rack, Overhead Unit & Sink :</p> <p>The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA confirming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance, it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Wall unit should have sliding under storage suspended to the C frame of with a combination of 1 Drawer and 2 shutter. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The Wall bench should have Welded over head storage cabinet with glass shutters and one adjustable shelf. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. Thickness: LH/RH side panels, shutter front, Bottom panel, Top front, Drawer separator, shelf, Alignment channel should be of 1.2mm thk. Removable Back panel, Shutter cover, Fr. Rack strip, Top cover panel should be of 0.8mmthk. Finish: Powder coating pure epoxy, thickness 40-50 microns. Handle: Anodized Aluminum Recessed-Type, CTC: 160.0mm. Lock: Units have a locking facility with 180° and 10 lever cam lock mechanism . Hinge: Knuckle-butt type SS Hinge. Screw: SS304. One sink unit to be provided covered with metal shutters, the sink should be SS sink with three way faucets and ante siphon bottle trap. The system should have Fixed-Type reagent rack it should be complete modular design consisting of 2 stage horizontal storage shelves made of CRCA MS with pure epoxy powder coating and having cutouts for electrical switches and sockets with two nos. 6 module plate. It should have provision for placing Granite pieces as per requirement. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size</p> <p>4280 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 1 no.), (750 W x 530 D x 635 H - 1 no.) - Overhead Unit (600 W x 340 D x 635 H - 2 nos.), (750 W x 340 D x 635 H - 2 nos.) - Reagent Rack (1500 W x 300 D x 600 H - 1no.) - Sink Unit (750 W x 530 D x 635 H - 1no.)</p> <p>4280 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 1 no.), (750 W x 530 D x 635 H - 1 no.) - Overhead Unit (600 W x 340 D x 635 H - 2 nos.), (750 W x 340 D x 635 H - 2 nos.) - Reagent Rack (1500 W x 300 D x 600 H - 1no.) - Sink Unit (750 W x 530 D x 635 H - 1 no.)</p> <p>1500 W x 920 D x 900 H in mm no. of Overhead Unit (750 W x 340 D x 635 H - 1 no.) - Reagent Rack (750 W x 300 D x 600 H - 1no.) - Sink Unit (750 W x 530 D x 635 H - 1 no.)</p> <p>2480 W x 920 D x 900 H in mm Overhead Unit (750 W x 340 D x 635 H - 1 no.), (900 W x 340 D x 635 H - 1 no.) - Reagent Rack (750 W x 300 D x 600 H - 1no.) - Sink Unit (750 W x 530 D x 635 H - 2 nos.)</p> <p>2030 W x 770 D x 900 H in mm no. of Under Storage (600 W x 530 D x 635 H - 1 no.) - Reagent Rack (120 W x 300 D x 600 H - 1no.) - Sink Unit (750 W x 530 D x 635 H - 1 no.)</p> <p>1430 W x 770 D x 900 H in mm without under storage, Sink Unit (750 W x 530 D x 635 H - 1 no.)</p>	<p>2.00Nos</p> <p>2.00 Nos</p> <p>1.00 No</p> <p>1.00 No</p> <p>2.00 No</p> <p>2.00 No</p>
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3	<p>Wall bench with Under storage, Reagent Rack & Overhead Unit :</p> <p>The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA confirming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance; it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Wall unit should have sliding under storage suspended to the C frame of with a combination of 1 Drawer and 2 shutter. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The Wall bench should have Welded over head storage cabinet with glass shutters and one adjustable shelf. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. Thickness: LH/RH side panels, shutter front, Bottom panel, Top front, Drawer separator, shelf, Alignment channel should be of 1.2mm thk. Removable Back panel, Shutter cover, Fr. Rack strip, Top cover panel should be of 0.8mmthk. Finish: Powder coating pure epoxy, thickness 40-50 microns. Handle: Anodized Aluminum Recessed-Type, CTC: 160.0mm. Lock: Units have a locking facility with 180° and 10 lever cam lock mechanism. Hinge: Knuckle-butt type SS Hinge. Screw: SS304. The system should have Fixed-Type reagent rack it should be complete modular design consisting of 2 stage horizontal storage shelves made of CRCA MS with pure epoxy powder coating and having cutouts for electrical switches and sockets with two nos. 6 module plate. It should have provision for placing Granite pieces as per requirement. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size</p> <p>6790 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 3 nos.), (750 W x 530 D x 635 H - 1 no.) - Overhead Unit (600 W x 340 D x 635 H - 4 nos.) - Reagent Rack (1500 W x 300 D x 600 H - 1no.), (1200 W x 300 D x 600 H - 2nos.)</p> <p>5290 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 3 nos.), (750 W x 530 D x 635 H - 1 no.) - Overhead Unit (600 W x 340 D x 635 H - 4 nos.) - Reagent Rack (1200 W x 300 D x 600 H - 2nos.)</p> <p>5300 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 4 nos.) - Overhead Unit (600 W x 340 D x 635 H - 4 nos.) - Reagent Rack (1200 W x 300 D x 600 H - 2nos.)</p> <p>1280 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 1 no.) - Overhead Unit (600 W x 340 D x 635 H - 1 no.) - Reagent Rack (600 W x 300 D x 600 H - 1no.)</p> <p>2415 W x 620 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 1 no.), (750 W x 530 D x 635 H - 1 no.) - Overhead Unit (600 W x 340 D x 635 H - 1 no.), (750 W x 340 D x 635 H - 2 no.)</p> <p>2480 W x 620 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 2 no.) - Overhead Unit (600 W x 340 D x 635 H - 4 nos.),</p> <p>4690 W x 620 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 4 nos.) - Overhead Unit (600 W x 340 D x 635 H - 7 nos.),</p> <p>3200 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 3 nos.) - Overhead Unit (750 W x 340 D x 635 H - 2 nos.) - Reagent Rack (1500 W x 300 D x 600 H - 1no.) -</p> <p>2780 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 2 nos.) - Overhead Unit (600 W x 340 D x 635 H - 2 nos.) - Reagent Rack (1200 W x 300 D x 600 H - 1no.) -</p> <p>2480 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 2 no.) - Overhead Unit (900 W x 340 D x 635 H - 1 nos.) - Reagent Rack (1200 W x 300 D x 600 H - 1no.) -</p> <p>3430 W x 770 D x 900 H in mm no. of Under storage - (750 W x 530 D x 635 H - 2 nos.) - Overhead Unit (600 W x 340 D x 635 H - 4 nos.), (750 W x 340 D x 635 H - 1 no.)</p> <p>1580 W x 920 D x 900 H in mm no. of Under storage - (750 W x 530 D x 635 H - 1 no.) - Reagent Rack (750 W x 300 D x 600 H - 1no.)</p> <p>5910 W x 920 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 2 nos.), (750 W x 530 D x 635 H - 2 nos.) - Overhead Unit (600 W x 340 D x 635 H - 4 nos.) - Reagent Rack (1500 W x 300 D x 600 H - 2nos.) -</p>	<p>1.00 No</p> <p>1.00 No</p> <p>1.00 No</p> <p>1.00 No</p> <p>1.00 No</p> <p>1.00 No</p> <p>1.00 No</p> <p>1.00 No</p> <p>1.00 No</p> <p>2.00 No</p> <p>1.00 No</p> <p>2.00 No</p>
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4	<p>Island bench with Under storage & Reagent Rack:</p> <p>The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA conforming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance; it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Island bench should have sliding under storage suspended to the C frame of with a combination of 1 Drawer and 2 shutter. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The system should have Fixed-Type reagent rack it should be complete modular design consisting of 2 stage horizontal storage shelves made of CRCA MS with pure epoxy powder coating and having cutouts for electrical switches and sockets with two nos. 6 module plate. It should have provision for placing Granite pieces as per requirement. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size 2480 W x 1540 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 4 nos.), Reagent Rack (1200 W x 300 D x 600 H - 2nos.)</p> <p>1580 W x 1540 D x 900 H in mm no. of Under storage - (750 W x 530 D x 635 H - 2 nos.) - Reagent Rack (1500 W x 300 D x 600 H - 1no.) -</p>	<p>2.00 Nos</p> <p>4.00 Nos</p>
5	<p>Island bench with Under storage & Reagent Rack (Concentrated Acid Resistant Table Top):</p> <p>The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA conforming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance; it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Island bench should have sliding under storage suspended to the C frame of size with a combination of 1 Drawer and 2 shutters. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The system should have Fixed-Type reagent rack it should be complete modular design consisting of 2 stage horizontal storage shelves made of CRCA MS with pure epoxy powder coating and having cutouts for electrical switches and sockets with two nos. 6 module plate. It should have provision for placing Granite pieces as per requirement. The work top should be TRESPA or similar make It should be 16mm (+/- 2mm) thick. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size 2480 W x 1540 D x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 4 nos.) - Reagent Rack (1200 W x 300 D x 600 H - 2nos.)</p>	<p>2.00 Nos</p>

<p>6</p>	<p>L shaped Wall bench with Under storage, & Sink: The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA confirming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance, it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Wall unit should have Sliding under storage suspended to the C frame of size with a combination of 1 Drawer and 2 shutter. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. Sink unit to be provided covered with metal shutters, the sink should be SS sink with three way faucets and ante siphon bottle trap. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size 3835 W1 W x 770 D1 x 2440 W2 x600 D2 x 900 H in mm no. of Under storage - (600 W x 530 D x 635 H - 1 no.), (750 W x 530 D x 635 H - 1 no.) - Reagent Rack (1500 W x 300 D x 600 H - 2nos.)</p>	<p>1.00 No</p>
<p>7</p>	<p>L shaped Wall bench without Under storage: The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA confirming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance, it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Wall unit should have Sliding under storage suspended to the C frame of size with a combination of 1 Drawer and 2 shutters. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size 3840 W1 W x 920 D1 x 680 W2 x 920 D2 x 900 H in mm without Under storage</p>	<p>1.00 No</p>

8	<p>L shaped Wall bench with Under storage, Reagent Rack & Over Head Unit:</p> <p>The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA confirming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance; it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Wall unit should have Sliding under storage suspended to the C frame of with a combination of 1 Drawer and 2 shutter. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The Wall bench should have Welded over head storage cabinet with glass shutters and one adjustable shelf. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. Thickness: LH/RH side panels, shutter front, Bottom panel, Top front, Drawer separator, shelf, Alignment channel should be of 1.2mm thk. Removable Back panel, Shutter cover, Fr. Rack strip, Top cover panel should be of 0.8mmthk. Finish: Powder coating pure epoxy, thickness 40-50 microns. Handle: Anodized Aluminum Recessed-Type, CTC: 160.0mm. Lock: Units have a locking facility with 180° and 10 lever cam lock mechanism. Hinge: Knuckle-butt type SS Hinge. Screw: SS304. The system should have reagent rack with adjustable glass shelf, it should be complete modular design consisting of 2 stage horizontal storage shelves made of CRCA MS with pure epoxy powder coating. Each reagent rack should have one electric boom cut out with two nos. 6 module plate. It should have provision for placing Granite pieces as per requirement The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size 4090 W1 x 920 D1x 1690 W2 x 920 D2 x 900 H in mm no. of Under storage - (750 W x 530 D x 635 H - 3 nos.) - Reagent Rack (1500 W x 300 D x 600 H - 3nos.)</p>	<p>1.00 No</p>
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9	<p>L shaped Wall bench with Under storage & Over Head Unit:</p> <p>The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA confirming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. The unit should have removable back panels which should be easily removable (unclipped) and the service line be accessed for maintenance, it should be made of CRCA MS with pure epoxy powder coating and are of 1mm thickness. The Wall unit should have Siding under storage suspended to the C frame of size with a combination of 1 Drawer and 2 shutter. The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Removable back panel should be provided to easily access the service lines running behind the cabinet benches. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Drawer tray should be of single piece construction. Drawer should be well supported on LH and RH ball slide suspension system. Steel door and drawer front is of double wall construction with sound dampening material filled inside. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. The Wall bench should have Welded over head storage cabinet with glass shutters and one adjustable shelf, size of the storage should be The cabinet should be welded body should be of flush face construction with intersection of vertical and horizontal members like LH and RH side panel along with front horizontal channel, back panel and bottom panel. It should be relocated anywhere easily as it is an independent unit. Cabinet should be of square non-sharp edge construction. Doors should be assembled with SS-304 hinge assembly. Intermediate horizontal channels should be provided between door and drawer. Shelf should be eight bend panel with 20mm height. Doors should be easily removable and hinges should be easily replaceable. Knee space panel should be in 22 gauge construction. Thickness: LH/RH side panels, shutter front, Bottom panel, Top front, Drawer separator, shelf, Alignment channel should be of 1.2mm thk. Removable Back panel, Shutter cover, Fr. Rack strip, Top cover panel should be of 0.8mmthk. Finish: Powder coating pure epoxy, thickness 40-50 microns. Handle: Anodized Aluminum Recessed-Type, CTC: 160.0mm. Lock: Units have a locking facility with 180° and 10 lever cam lock mechanism. Hinge: Knuckle-butt type SS Hinge. Screw: SS304. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness.</p>	<p>Overall size 4090 W1 x 920 D1x 1390 W2 x 920 D2 x 900 H in mm no. of Under storage - (750 W x 530 D x 635 H - 2 nos.), (600 W x 530 D x 635 H - 1 no.) - Overhead Unit (600 W x 340 D x 635 H - 2 nos.), (750 W x 340 D x 635 H - 2 nos.)</p>	1.00 No
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10	<p>Sink unit: The structure should be made from metal C frame and horizontal members, all sheet metal components should be of CRCA conforming to IS Code 513:1994. C-frame should be constructed from a rectangular pipe with a cross section of 60mm x 30mm and should be 2 mm thick and should be without a vertical front leg to give a clean look. The C-frame legs should be supplied with adjustable feet (tolerance from -5mm to +20mm) to correct the unevenness of flooring. The horizontal members should be made from rectangular pipes of 2mm thickness. Cross-sectional dimensions of the pipe should be 60 x 30 x 2 mm. They should be made of CRCA MS and coated with pure epoxy powder. All frame-work is should be pre-treated with superior pure epoxy powder coated finish. One sink unit to be provided covered with metal shutters, the sink should be SS sink with three way faucets and ante siphon bottle trap. The work top should be Jet Black Granite: It should be 19mm (+/- 2mm) thick Jet Black Granite worktop. The exposed edges of the worktop should be chamfered and smoothed. The bottom of the worktop should be polished and there should be a V-groove throughout the length of the exposed edges to protect the cabinets from coming in contact with the spillages. The overhang on the storage cabinet is 25 mm at the front side and 30 mm at the sides. The backing material should be used is a neoprene mat of 6 mm thickness</p>	<p>Overall size 830 W x 920 D x 900 H in mm</p>	2.00 Nos
11	<p>STOOL: Supply & placement of Revolving Stool as per approved drawing & design/specification. SEAT ASSEMBLY: The seat shall be made up of 1.2±0.1cm thick flat plywood measured as per QA method described in OCP-QLTA-P14-18 and with molded Polyurethane foam and are upholstered with replaceable synthetic leather covers. Seat Size: Diameter 40.0cm. Adjustments: 360° Revolving type.2.BACK ASSEMBLY: The back foam is designed with contoured Lumbar support for extra comfort. The upholstery is available in synthetic leather. BACK SIZE: 45.0cm (W) covered with polyurethane foam. 3. HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam is molded with density = 45 +/- 2 Kg/m3 and Hardness load 16 ± 2 kgf as per IS:7888 for 25% compression. 4/HEIGHT ADJUSTMENT: The manual height adjustment is very easy to operate with a help of a knob. It can be easily locked at the most comfortable position. 5.PDESTAL ASSEMBLY: The five-prong pedestal is fabricated from 0.2±0.02cm thick HR sheet (IS: DD 1079/HR). powder coated (DFT 40-60 microns) and fitted with an injection molded black Polypropylene Hub Cap and 5 nos. twin wheel castors. The pedestal is 55.0±0.5cm pitch-circle diameter (65.0±1.0cm with castors). Circular floor ring of Ø52.0±0.2cm made up of Ø1.9±0.2c x 0.12±0.0096cm thick MS ERW Tube for foot support in High-base stool. 6. PDESTAL ASSEMBLY: The five-prong pedestal is fabricated from 0.2±0.02cm thick HR sheet (IS: DD 1079/HR). powder coated (DFT 40-60 microns) and fitted with an injection molded black Polypropylene Hub Cap and 5 nos. twin wheel castors. The pedestal is 55.0±0.5cm pitch diameter (65.0±1.0cm with castors).7.TWIN WHEEL CASTORS: The twin wheel castors are injection molded in Black Nylon</p>		87.00 Nos
12	<p>MID BACK CHAIR: Supply & placement of Mid Back Chair as per approved drawing & design/specification. 1. SEAT/BACK ASSEMBLY: The seat and back should be made up of 1.2 ±0.1cm thick hot-pressed plywood and upholstered with fabric upholstery covers and molded Polyurethane foam. The back foam should be designed with contoured lumbar support for extra comfort. The seat has extra thick foam on front edge to give comfort to popliteal area. BACK SIZE 47.5 cm. (W) x58.0 cm (H). SEAT SIZE 47.0 cm. (W) x 48.0 cm. (D) 2.. HIGH RESILIENCE (HR) POLYURETHANE FOAM: The HR polyurethane foam should be molded with density = 45±2 kg/m3 and hardness load 16 ± 2 kgf for 25% compression. 3. ARMRESTS: The one-piece armrests should be injection molded from black Co-polymer Polypropylene. 4. CENTER TILT SYNCHRO mechanism: The mechanism should be designed with the following features: • 360° revolving type. • Upright-position locking • Tilt tension adjustment • Seat/back tilting ratio of 1:3. 5. PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment stroke of 12.0 ±0.3cm. 6. TELESCOPIC BELLOW ASSEMBLY The bellow should be 3 piece telescopic type and injection molded in black Polypropylene. 7. PEDESTAL ASSEMBLY: The pedestal should be injection molded in black 33% glass-filled Nylon-66 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). 8. TWIN WHEEL CASTORS: The twin wheel castors should be injection molded in Black Nylon.</p>		4.00 Nos

13	<p>FOLD TBALE: Supply & placement of Fold Table as per approved drawing & design/specification. Size of the Fold Table should be (1200W x 600D x 730H) MM. WORKTOP: Made of 25mm Thick Pre-laminated twin board interior grade of approved shade conforming to IS:12823, and Edge banded with matching 2 mm thick PVC lipping. MODESTY PANEL: Made of 25mm Thick Pre-laminated twin board interior grade of approved shade conforming to IS:12823, and Edge banded with matching 2 mm thick PVC lipping. UNDER STRUCTURE: Legs are made of 50mm x 30mm x 1.6mm thk M.S. electric resistance welding tube as per IS:7138 and 10mm thick HR steel as per IS 2062 welded together and powder coated with min 45 micron thickness of epoxy polyester coating. Modesty holding Leg frame is made of made of 50mm x 30mm x 1.6mm thk M.S. electric resistance welding tube as per IS:7138 and 3mm thick HR steel as per IS 2062 welded together and powder coated with min 45 micron thickness of epoxy polyester coating. Cross member assembly for top is made of made of 50mm x 30mm x 1.6mm thk electric resistance welding tube as per IS:7138 and 3 mm thick HR steel as per IS 2062 welded together and are powder coated with min 45 micron thickness of epoxy polyester coating. Pull handle made of \varnothing16.0 x 1.2mm thk M.S. electric resistance welding tube as per IS:7138, powder coated with min 45 micron thickness of epoxy polyester coating. Housing bracket assembly is made of 3 mm thick HR steel as per IS 2062 welded together and is powder coated with min 45 micron thickness of epoxy polyester coating. Housing bracket carries mechanism for folding table made of 10mm thick HR steel as per IS 2062. Understructure is provided with \varnothing 65mm lockable Castors for ease of movement and can be locked when required at any position.</p>	Overall size 1200 W x 600 D in mm	4.00 Nos
14	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof.		2.00 Cum
15	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. a) In ground floor including roof. b) Extra rate for each addl. Floor over the rate of ground floor		2.00 Cum
16	Dismantling all types of plain cement concrete works, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m. In ground floor including roof. a) up to 150 mm. Thick.		1.00 Cum
17	Dismantling R.C. floor, roof, beams etc. Including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. a) In ground floor including roof.		1.00 Cum
18	Dismantling R.C. floor, roof, beams etc. Including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars. b) Extra rate for each additional floor over the rate of ground floor.		1.00 Cum
19	Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal Corporation Rules for such disposal, loading into truck and cleaning the site in all respect as per direction of Engineer in charge.		5.00 Cum
20	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including threading, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]. (ii) With 1:4 cement mortar. (b) 15 mm thick plaster.		125.00 Sqm
21	Rendering the Surface of walls and ceiling with White Cement base WATER PROOF wall putty of approved make & brand. (1.5 mm thick)		125.00 Sqm
22	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor). (a) One Coat. i) Water based interior grade Acrylic Primer		125.00 Sqm
23	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) (Two coats). ii) Luxury Quality		125.00 Sqm

24	Cutting chase up to 125 x 150 mm. and subsequent mending of damages. (a) in brick wall [Cement-3.6 Kg/Mtr]	100.00 Mtr
25	Cutting chase up to 125 x 150 mm. and subsequent mending of damages. (b) in concrete wall [Cement-3.6 Kg/Mtr]	12.00 mtr
26	<p>Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sq. mtr. or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/ Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor)</p> <p>II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm [Applied directly over finished artificial stone floor/ mosaic etc.]. (B) Light Colour.</p>	50.00 Sqm

COMPONENT ~C (Procurement, Installation & Commissioning of Electrical Items)

SI No	Description of Item & Specification	Item Size	Qty
1.	TV unit: Sony Bravia 80 cm (32 inch) Full HDR LED Smart TV (KLV-W67E) or Equivalent. 20 W Speaker Output, 1920 x 1080 Full HD - Watch Blu-ray movies at their highest level of detail 120 Hz: Blur free picture, Smoother movements in videos, 3 x HDMI : For set top box, consoles and Blu-ray players, 2 x USB : Easily connect your digital camera, camcorder or USB device	32 inches	3.00 Nos
2.	TV unit: Sony Bravia (KD-55X90E) 139 cm (55 inch) LED 4K Ultra HD (HDR) Smart TV (Android TV) Triluminos Display or Equivalent make.	55 inches	2.00 Nos
3.	Set Top Box: Tata Sky HD Box or equivalent. HD Set-top-box, Antenna, Universal Remote, HDMI Cable, Digi card, 10-meter cable.		3.00 Nos
4.	Water Filter: Kent Grand Plus 8-Litre Mineral RO + UV/UF with TDS Controller Water Purifier or Equivalent. Technology: RO+UV+UF water purification Capacity: 8 liters, Type of Tank: food grade plastic		6.00 nos
5.	Passenger Elevator: Supplying, Installation, Testing & Commissioning of eight (08) Passenger Elevator complete in all respect along with all necessary accessories as per Technical Specification here in under. <ul style="list-style-type: none"> i) 8 passenger elevators with machine room. ii) Lift well size- 1900 mm (W) X 2000 mm (D) iii) Lift pit depth- 1600 mm from plinth iv) Floor to floor height- 3300 mm v) No. of floors / stops / doors- 3 nos vi) Overhead- 4500 mm vii) Lift machine room size- 3300 (B) X 5100 (L) viii) Clear height of machine room- 2850mm ix) Passenger car- S.S. Finish x) Car Door- S.S, automatic with vision panel xi) Flooring- Granite xii) Automatic rescue device, Direction and position indicator xiii) Collective selective control system xiv) Floor position indicator both inside the car and at each floor landing xv) Voice announcer system for respective floor xvi) Speed- 1.0 mtr per second xvii) Hand rail inside the car xviii) Dedicated Intercom System xix) Call registration LEDs xx) Type of drive- Variable Voltage Variable Frequency. Make: OTIS / KONE / SCHINDLER.	Capacity- 8 passenger Speed- 1.0Mtr/sec	1.00 No
6.	Silent Diesel Generator: Supply, Installation & commissioning of Factory assembled 63 KVA Silent Diesel Generator set, alternator both mounted on a common base complete with Fuel tank, Residential Silencer, AVM pads, Battery with leads, First fill of lube oil, Manual Control Panel, & Acoustic Enclosure. Make: JACKSON / MAHINDRA / KIRLOSKAR / ASHOK LEYLAND	63 KVA	1.00 no

7.	<p>Projector with Projector screen: Supply, Installation & commissioning Projector with Projector screen in all respect along with all necessary accessories as per Technical Specification here in under.</p> <p>i) Technology- 3LCD or Equivalent ii) Brightness- 3200 ANSI LUMENS iii) Contrast Ratio- 20000:1 or Equivalent iv) Resolution- XGA (1024 x 768 dots) 4:3 display resolution v) Projection Lens- Zoom/Autofocus: Approx. 1.2x Manual Zoom/Manual Focus vi) Throw Ratio: 1.47:1 to 1.77:1 vii) Audio- Built-in 16W speaker (mono) viii) Ports- HDMI & VGA ix) Functionality- Remote Control x) Lamp Type- 225W type Ultra high pressure mercury lamp xi) Lamp Life- 10000 Hrs or more xii) Power Requirement- AC 100 V to 240 V, 3.4 A to 1.5 A, 50 Hz / 60 Hz xiii) Warranty- 3 Years or More xiv) Supply Complete with- Remote Control, VGA Cable, HDMI Cable, Power Cable, Manual, Wall Hanging Assembly , Carrying Case etc. xv) Preferred Make/Model- Sony VPL-EX 430/435 or Equivalent of EPSON/Sharp/Hitachi xvi) Projector Screen- Tripod type projector screen of size 6'(W) x 4'(H)</p>		1.00 No
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➤ **Tender Schedule:**

•	Date of Online Publication	:	26.02.2019
•	Time, Date of Pre-Bid Meeting & Place	:	06.03.2019 from 12.30 AM Onwards at RRS Meeting Room, Director of Research Building, Pundibari, Cooch Behar
•	Date for displaying on www.wbtenders.gov.in & www.ubkv.ac.in for final & frozen technical specifications/any modification and amendment to the tender document by UBKV after Pre-bid conference	:	12.03.2019 after 5.00 PM
•	Starting Date of Online Upload & Submission	:	13.03.2019 after 11.00 AM
•	Last date of online bid submission	:	26.03.2019 up to 5.00 PM
•	Last date of quotation submission (Hard copy)	:	28.03.2019 up to office hour. Hard copy shall be send to the following address. To,The Registrar,Uttar Banga Krishi Viswavidyalaya,Pundibari,Cooch Behar-736165,West Bengal
•	Date of Bid opening	:	28.03.2019 after 5.00PM
•	Tender fee	:	Nil
•	EMD	:	Token Earnest Money for Component A & B Rs. 1,00,000.00 (one lakh respectively) & for Component C- Rs.50,000.00 (fifty thousand) shall have to be deposited in the form of demand draft from any nationalized Bank in favor of Uttar Banga Krishi Viswavidyalaya payable at Cooch Behar.
•	Details available in the websites	:	www.wbtenders.gov.in , www.ubkv.ac.in .

1. GENERAL INSTRUCTIONS:

In the event of e-tendering, intending bidder may download the tender documents from the website: <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate (DSC) or from the UBKV's website www.ubkv.ac.in.

2. SUBMISSION OF BIDS:

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the Authorized Company personnel who is in the pay roll of the Company in the website <http://wbtenders.gov.in>. All papers must be submitted in English language.

3. ELIGIBILITY CRITERIA:

- Original Equipment Manufacturers (OEM) or Dealers/Distributors/Agents duly authorized by the manufacturers / Bonafied agencies having requisite working experience in the relevant field who are able to supply the assured quantities as per requirement & have requisite qualification for meeting the requirements as per this tender are only eligible for quoting.
- Further, vendors who were declared black listed and/or insolvent by any Govt. Concern/any Institutions in the Country for particular item or items are not eligible to participate in the current tender for that item or items.
- Interested bidders may remain present in the Pre-bid Meeting on the mentioned date & time.
- Documental evidence of supplying similar items in last five years (including current financial year i.e. 2018-'19) in an **Institute of Higher Learning / Reputed Research Laboratory** must be submitted along with the tender. Value of work / Supply order should not be less than Rs. 50.00 Lacs for component "A & B" respectively and Rs.20.00 Lacs for Component "C".
- Audited Report for last three years **2015-16, 2016-17 & 2017-18** clearly mentioning Profit & Loss Account, Balance Sheet etc.
- Any type of requests for modification in Technical Specifications/ Eligibility Criteria/Terms and Condition should not be entertained by the University Authority who will not remain present in the Pre-bid Meeting.
- The University reserves the right not to accept the rate even from the lowest bidder/supplier.
- The University reserves the right to accept or reject any or all tenders without giving any reason whatsoever.

4. ANNUAL TURNOVER:

Participants should have average annual Turn Over for last three financial years (2015-16, 2016-17 & 2017-18) not less than Rs.1.00 Crore.

5. SUBMISSION OF TENDERS :

5.1 GENERAL PROCESS OF SUBMISSION

Tenders are to be submitted online through the website stated in Clause 1. All the documents including addendum/ Corrigendum related to the tender uploaded by the Tender Inviting Authority form an integral part of the contract. Tenderers are required to upload all the tender documents along with the other documents, as asked for in the tender, through the above website within the stipulated date and time as given in the Tender. Tenders are to be submitted in two folders at a time, one is Technical Bid and the other is Financial Bid. The Tenderer shall carefully go through the documents and prepare the required documents and upload the scanned documents of originals in Portable Document Format (PDF) to the portal in the designated locations/folders of Technical Bid. He needs to fill up the BOQ in the designated cell and upload the same in designated location of Financial Bid. The documents uploaded are virus scanned and digitally signed using the Digital Signature Certificate (DSC). Tenderers should in general upload the latest documents as part of the tender, however, in case of failure in uploading such documents, it will be deemed that they (Tenderer) have taken acceptant of such latest documents including addendum/corrigendum, if published till the bid submission ends.

5.2 TECHNICAL BID:

The Technical Bid should contain scanned copies and/or declarations in the following standardized formats in two covers (folders):

I. TECHNICAL FILE (STATUTORY COVER) CONTAINING:

Technical details of the Items Quoted (Bidders must submit Technical specification in “**Technical Details**” Folders.

II. MY DOCUMENT (NON-STATUTORY COVER) CONTAINING AS FOLLOWS:

Sl. No.	Category	Sub-Category	Sub-Category Description
1	Certificates	Certificates	PAN Card of the Bidder
			GST Registration Certificate
2	Certificates	ISO Certificate	For Component A & B : Manufacturer should have ISO 9001:2015, ISO 14001:2015, ISO 50001:2011, OHSAS 18001:2007, EN 13150; EN 14727, BIFMA level 2 confirms to ANSI/BIFMA e3-2014e Furniture Sustainability Standard issued by BIFMA. All the ISO certificates should be obtained from NABCB (Central Govt) accredited organization otherwise certificates will not be accepted.
3	Company Details	Company Details 1	Trade License/Enlistment Certificate
			Registration with Registrar of Companies
			Memorandum of Articles for Limited Companies.
3	Credential	Credential 1	Documental evidence of supplying similar items in last five years (including current financial year i.e. 2018-'19) in an Institute of Higher Learning / Reputed Research Laboratory must be submitted along with the tender. Value of work / Supply order should not be less than Rs. 50.00 Lacs for component "A & B" respectively and Rs.20.00 Lacs for Component "C".
4	Financial Information	Payment Certificate 1	Income Tax Returns submitted for the Assessment year 2015-16
			Income Tax Returns submitted for the Assessment year 2016-17
			Income Tax Returns submitted for the Assessment year 2017-18
			GST Return for last 3 months in 2018-19
			Bank Solvency Certificate For Component A & B : Rs 1.00 Cr respectively, Component C : Rs 20.00 Lacs

5.3 FINANCIAL BID:

The Financial Bid should contain the following document in one cover (folder):

Bill of Quantities (BOQ): The tenderer should fill-up the designated cell as marked by the University in the BOQ sheet.

Financial Bids shall have to be submitted separately for different components as mentioned in the Tender (Viz. Component-A, Component-B, Component-C). Quoted Rates should be inclusive of all Statutory Govt. Taxes and incidental charges to be incurred for installation of Furniture, Furnishings & Electrical Items.

(All the required necessary / essential / optional accessories or incidental services should be clarified during pre-bid meeting or should be mentioned in the hard copy of Financial Bid)**

6. EVALUATION OF THE TENDERS:

During the tender evaluation process, the “Technical Bid” will be opened first. Those Bidders who have qualified in respect of the essential & other requirements in “Technical Bid” will be identified and their financial bid will be opened. The financial bid of those Tenderer failing to meet the technical specification & other requirements laid down in the tender will not be opened and be rejected. The Tenderer offering the item found suitable and as per the tender specifications will only be selected. Final selection of the bidder in respect of Financial Bid is subject to further verification of several parameters allied with Financial Bid Evaluation. The Financial Bids of only those Tenderer who have been considered as Technically Qualified will be opened.

7. TERMS & CONDITIONS REGARDING PROCUREMENT POLICY OF TENDERING AUTHORITY:

7.1 BID INFORMATION:

- a) Bidder may quote in Currency as available in the BOQ Sheet.
- b) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- c) Bidder must follow the instruction for filling up BOQ as per Clause 6.3.
- d) Partial Quotation/Incomplete Quotation both for Technical and Commercial aspects may subject to cancellation of tender. However, University Authority will define the Partial Quotation/Incomplete Quotation based on the tender evaluation status.

7.2 AWARD OF CONTRACT: The University will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially. University reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid. Before issuance of the Work order, the Tender Accepting Authority may verify the Credential & other documents of the lowest Tenderer/Bidder if found necessary. After verification if it is found that such documents submitted by the lowest Tenderer is either manufactured or false in that case, Work order will not be issued in favor of the Tenderer under any circumstances & Legal action will be taken against him. **Acceptance & Issuance of work order is subjected to sanction of fund from the appropriate funding agency. However, Work Order for restricted portion of job may be issued as per availability of fund.**

- 7.3 **WARRANTY:** Guarantee/warrantee against wear & tear/malfunctioning of any component of installed furniture & furnishing shall have to be assured by the Bidders for a period of **three (3) years** from the date of Installation.
- 7.4 **ADEQUATE SUPPORT SERVICE FACILITY:** The bidder/manufacturer should have adequate service support Centre in Kolkata for any emergency breakdown/fault offering facility within 48 hours and should be agreeable to provide AMC facility after the warranty period.
- 7.5 **Bidder must provide Technical Compliance Sheet duly certified by OEM as per the Tender Specification. Any non-compliance will lead to rejection of tender.**
- 7.6 **MANUFACTURER'S AUTHORIZATION:** Document in support of Manufacturer/Dealer and Service Provider has to be submitted along with the tender paper. If the bidder is not the manufacturer, proper manufacturer's authorization and warranty from manufacturer is required and in this case bidder should have full- fledged registered office in India.
- 7.7 Bidder should submit copy of updated Trade License, GST, IT and P. Tax Return submission document.
- 7.8 **DSIR CERTIFICATION:** University possesses the privilege for availing the facility of procuring items at Concessional Customs Duty and without incurring any excise duty as per DSIR certification.
- 7.9 **GST EXEMPTION CERTIFICATION:** University possesses the privilege for availing the facility of procuring items at Concessional GST (5%) as per the decisions taken by GST Council.
- 7.10 Statutory deduction for GST and other Government taxes in the hand of the payee will be made as per the law in force.
- 7.11 **MAKE & MODEL:** Bidder must mention Make and Model in the Information Sheet as given vide Annexure-I and must send the product details/catalogue/brochure in the "Technical Details" folder along with Technical Compliance Sheet for each item component.
- 7.12 **TIME SCHEDULE:** The supply work must be completed within 90 (Ninety) days from the date of receipt of the supply order.
- 7.13 **VALIDITY OF OFFER:** A bidder should spell out in the tender that it shall remain valid for a minimum period of **180 days** from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel his offer.
- 7.14 **AFTER SALES AND SERVICE:**
- i. The name and complete address of the company in India authorized by the manufacturer, to provide after sales service for the equipment should be mentioned. The appointed authorized service provider should be holding a valid certificate from the manufacturer to this effect.
 - ii. The manufacturer should give an undertaking that after the warranty period, they shall provide spares and after sale service of the equipment in India for the normal life time of the equipment.
- 7.15 University reserves the discretion to issue work/ supply order either in full or phase wise depending upon the requirement and selected vendor will not charge any extra amount for such supply and delivery.
- 7.16 **PLACE OF DELIVERY:** Supply, Testing, Commissioning in Seed Testing Laboratory, RKVY building, UBKV, Pundibari, Cooch Behar.
- 7.17 **PAYMENT SCHEDULE:** 100% Payment be made after delivery and successful installation of the item.

7.18 PERFORMANCE SECURITY:

Successful bidder should deposit Performance Security money equivalent to the 10% of the order value in the form of DD from any nationalized bank in favor of UBKV payable at Cooch Behar. Suitable negotiable instruments as to be decided by the University immediately after issuing purchase order from the University. Such security will be refunded after completion of the warranty period in normal case without any accrued interest. University may forfeit the Security Money (EMD) in the event of the following circumstances:

- i. Selected bidder withdraws the bid before expiry of its validity and after receipt of the Purchase/work Order.
- ii. Selected bidder does not accept the order after issuing the same or fails to enter into a contract within validity period of offer.
- iii. Selected bidder fails to supply the items within the scheduled time as specified in the Purchase Order.
- iv. If before expiry of the warranty period, the supplied items break down or do not function satisfactorily due to the cause related with the item itself or for its installation and not for any reason caused by the University Authority and the supplier denies to take the responsibility to make the supplied items in order.
- v. In case of any false submission /statement by the bidder
- vi. In case of any refusal to abide by terms and conditions or refusal to enter into a written agreement as per prefixed terms and conditions

7.19 QUANTITY CHANGEABILITY: Quantity as stated in the tender document may subject to change at the time of issuing purchase order due to the fund crunch or for other valid reasons.

7.20 DISPOSAL OF DISPUTES: In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Cooch Behar jurisdiction only

7.21 CONDITIONAL BID MAY BE LIABLE FOR REJECTION.

8. DISCRETION OF THE UNIVERSITY:

8.1 University may take decision about non-purchase of the said item even after selection of vendor due to its fund constraints.

8.2 University may seek documents from the bidder in addition to the scanned documents sent by them at the time of uploading technical bid for verification and evaluation of tender.

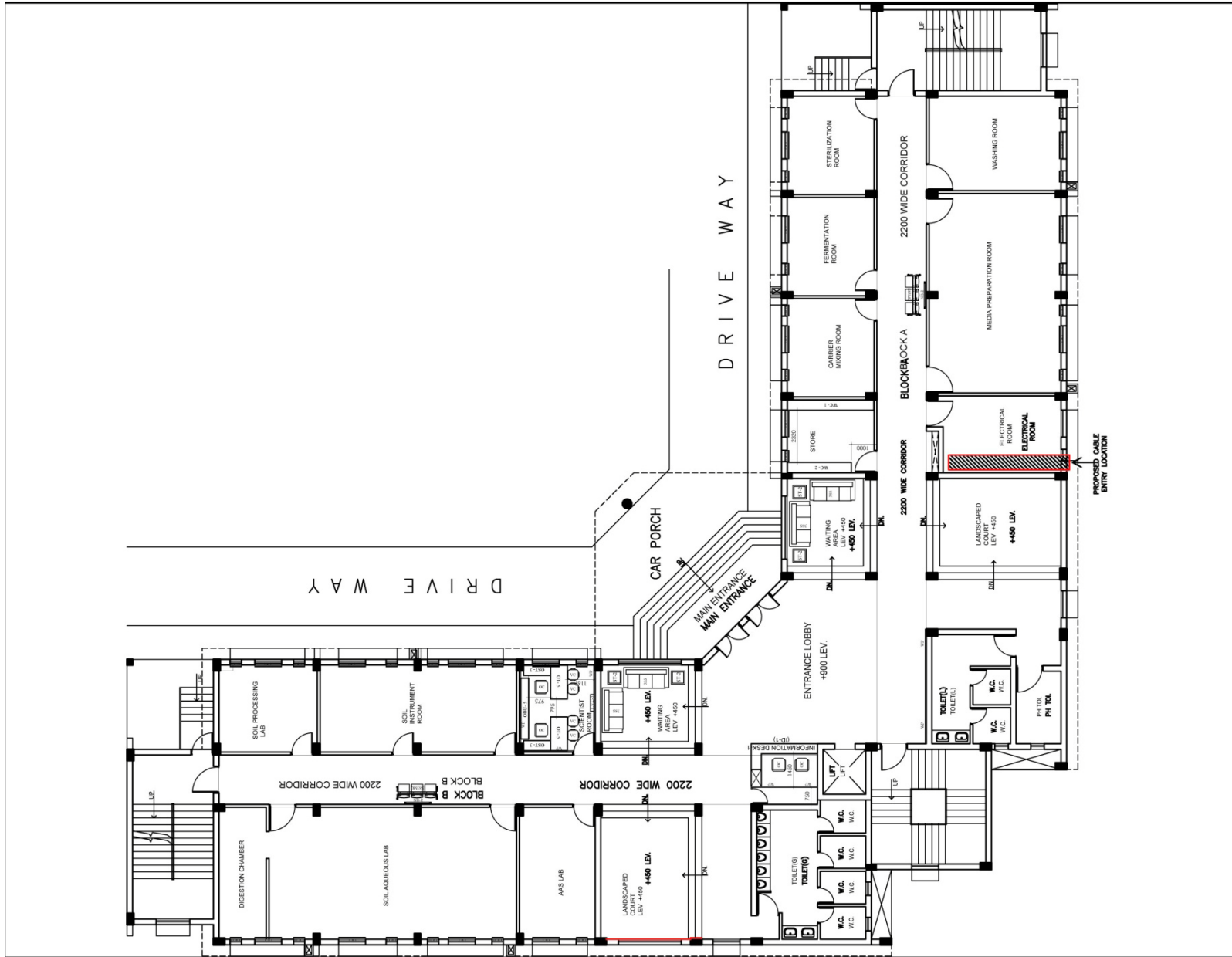
8.3 University reserves the right to relax any clause as stated hereinabove for selection of responsive vendor.

9. Financial bid can be seen & accessed by the bidder through the NIC Portal after opening of financial bid on line. Objections raised by any Bidder in this respect will not be entertained by the University. No informal tender will be entertained in the Bid further.

10. The Tender Selection Committee reserves the right to cancel the N.I.T. due to any unavoidable Circumstances and no claim in this respect will be entertained.

Registrar (Actg.)

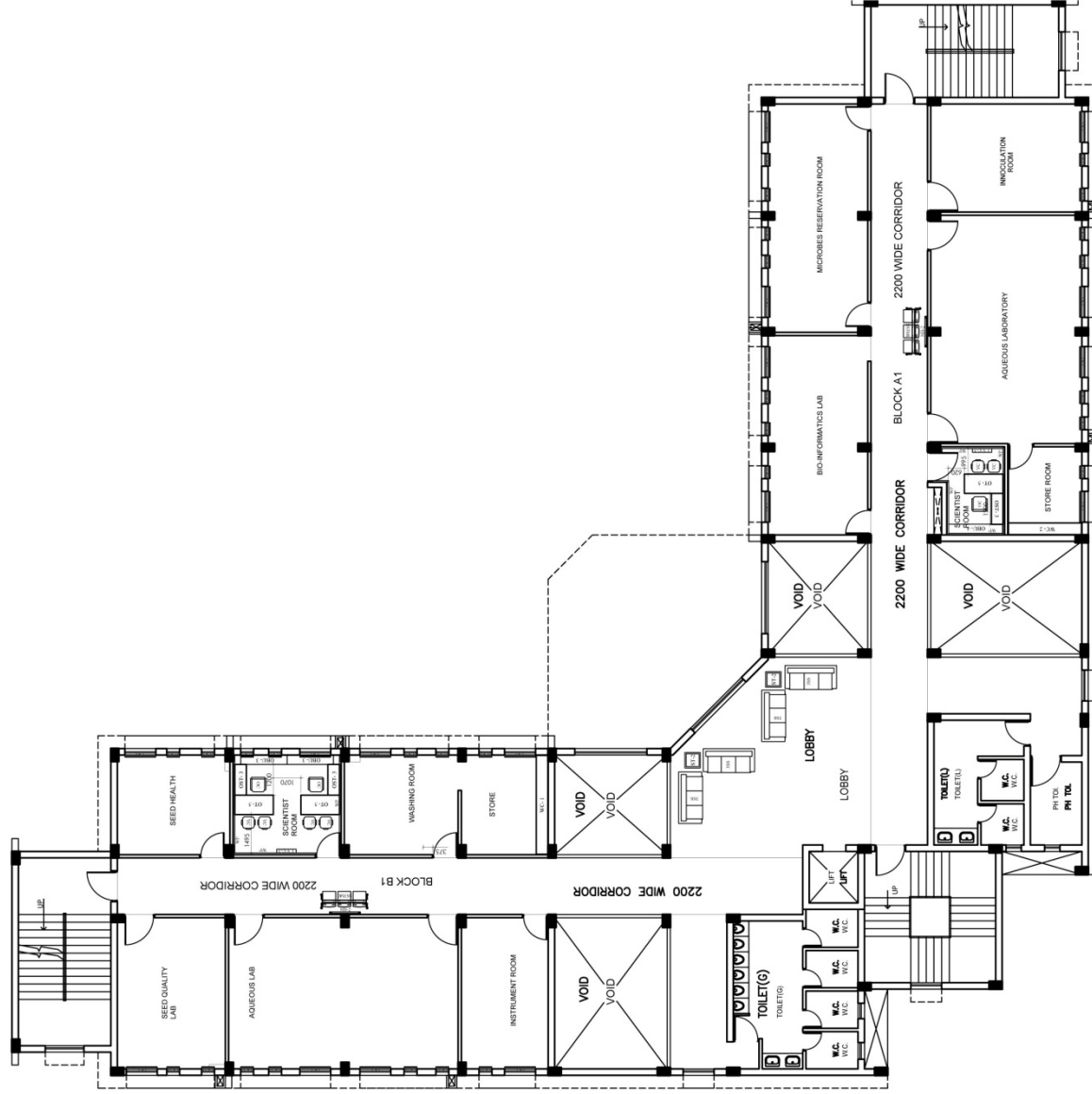
Furniture arrangement: Component-A



GENERAL NOTES		DRINKING TITLE	
1. THIS IS A GENERAL ARRANGEMENT DRAWING. THIS DRAWING SHOULD NOT BE CONSIDERED AS A WORKING DRAWING. 2. WORK DRAWING IS BASED ON THE AS BUILT DRAWING SEND BY M.V.K.V. 3. ALL DIMENSIONS ARE IN MM, UNLESS STATED.		GROUND FLOOR PLAN, SEED TESTING LAB, PUNDIBARI CAMPUS	
REVISION		DRAWING TITLE	
		GROUND FLOOR PLAN, SEED TESTING LAB, PUNDIBARI CAMPUS	
		DRAWING NO. 1	
		SHEET NO. 1	
		DATE 18.07.2018	
		SCALE 1:150	
		PURPOSE GENERAL DRAWING	
		FURNITURE LAYOUT DWG	
		CONSULTANT	
		PUNDIRI, COOCH BEHAR	
		SEED TESTING LABORATORY AT U.B.K.V.	
		LOCATION	
		UTTARANGA, KRISHI VISWAVIDYALAYA	
		PROJECT	
		DPR FOR FURNITURE AND FURNISHING	
		TITLE OF PROJECT	

- GROUND FLOOR PLAN
SEED TESTING LAB

Furniture arrangement: Component-A



GENERAL NOTES

1. THIS IS A GENERAL ARRANGEMENT DRAWING. THE DRAWING SHOULD NOT BE CONSIDERED AS A WORKING DRAWING.
2. WORKING DRAWING IS BASED ON THE AS BUILT DRAWING SEND BY THE CLIENT.
3. ALL DIMENSIONS ARE IN MM, UNLESS STATED.

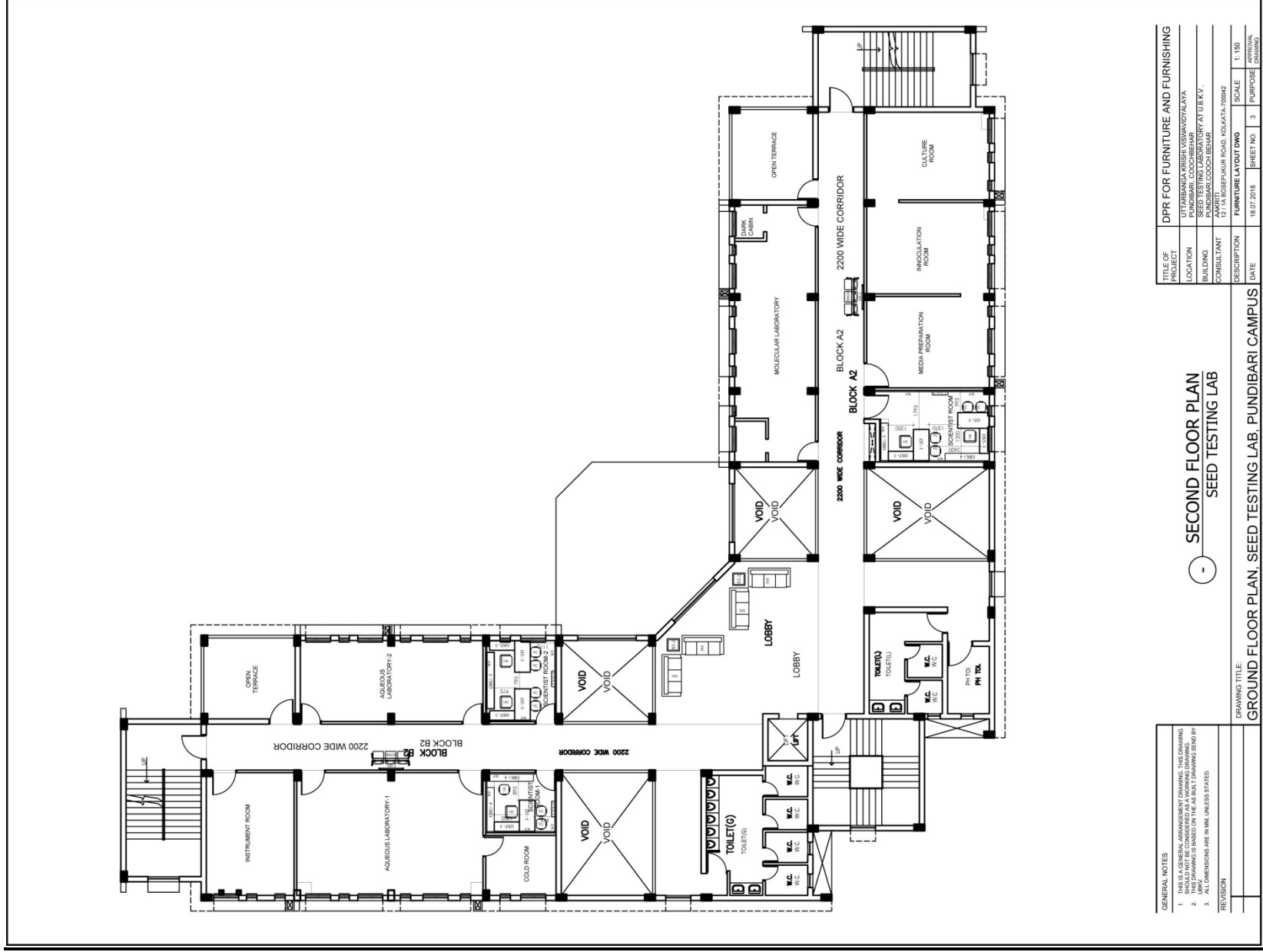
REVISION

TITLE OF PROJECT	DPR FOR FURNITURE AND FURNISHING
LOCATION	UTTARANGA KRISHI VISWAVIDYALAYA
BUILDING	SEED TESTING LABORATORY AT U.B.K.V.
CONSULTANT	PUNDIRI ARCHITECTS 12/1A ROSEFLKUR ROAD, KOLKATA-700042
DESCRIPTION	FURNITURE LAYOUT DWG
DATE	18.07.2018
SHEET NO.	2
SCALE	1:150
PURPOSE	APPROVAL
APPROVAL	DRAWING

FIRST FLOOR PLAN SEED TESTING LAB

DRAWING TITLE
GROUND FLOOR PLAN, SEED TESTING LAB, PUNDIRI CAMPUS

Furniture arrangement: Component-A



GENERAL NOTES

1. THIS IS A GENERAL ARRANGEMENT DRAWING. THIS DRAWING SHOULD NOT BE CONSIDERED AS A WORKING DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED BY THE ARCHITECT.
3. ALL DIMENSIONS ARE IN MM, UNLESS STATED.

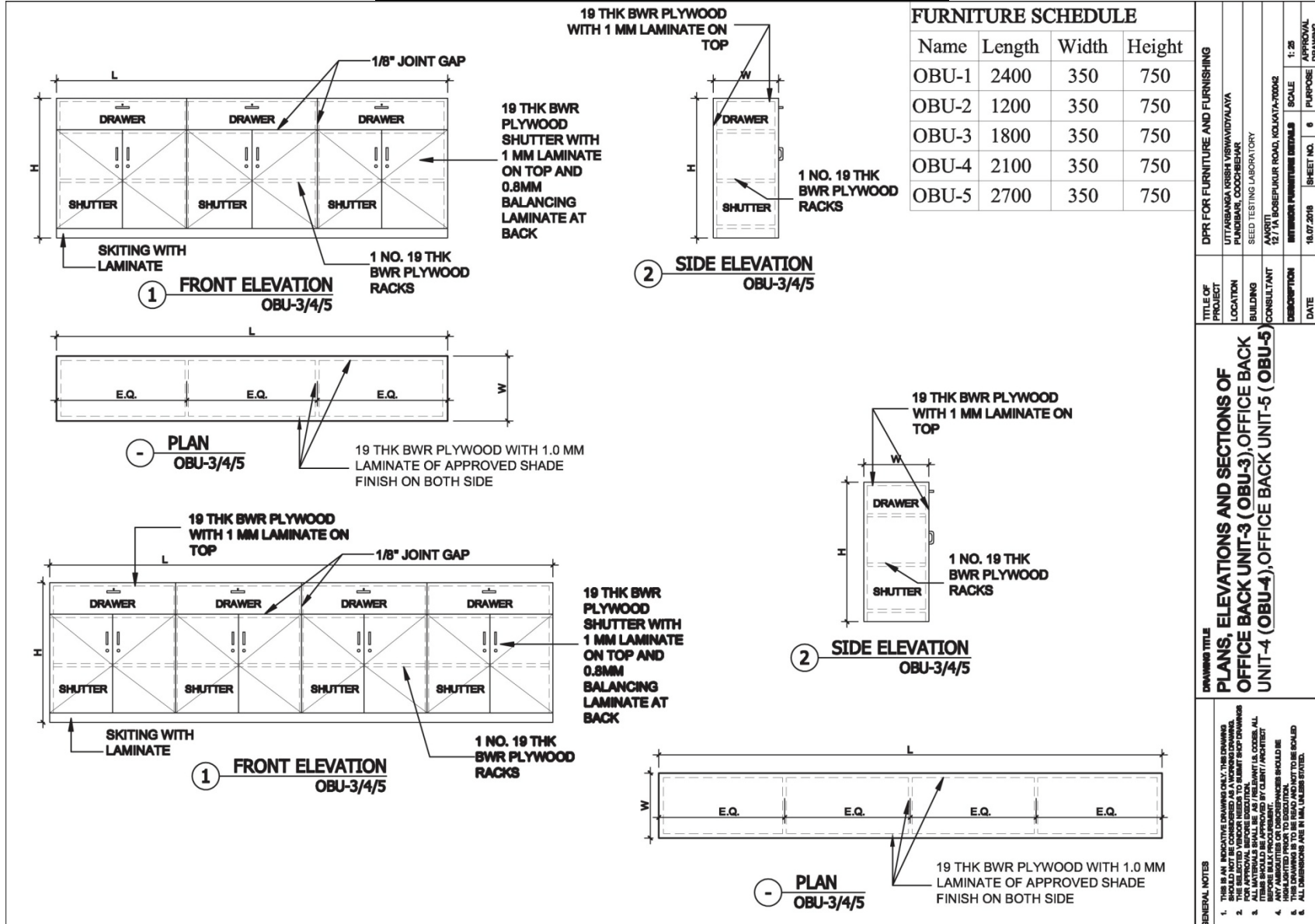
REVISION

TITLE OF PROJECT	DPR FOR FURNITURE AND FURNISHING
LOCATION	UTTERBARI, WEST BENGAL, INDIA/KOLKATA
BUILDING	PUNDIRBARI COOPERATIVE SEED TESTING LABORATORY AT U.T.B.K.V.
CONSULTANT	AKASHI ARCHITECTS AND INTERIORS PVT. LTD. 12/1/A, BOSEPUKUR ROAD, KOLKATA-700042
DATE	19.07.2018
SCALE	1:150
SHEET NO.	3
PURPOSE	APPROVAL FOR FURNITURE LAYOUT DWG

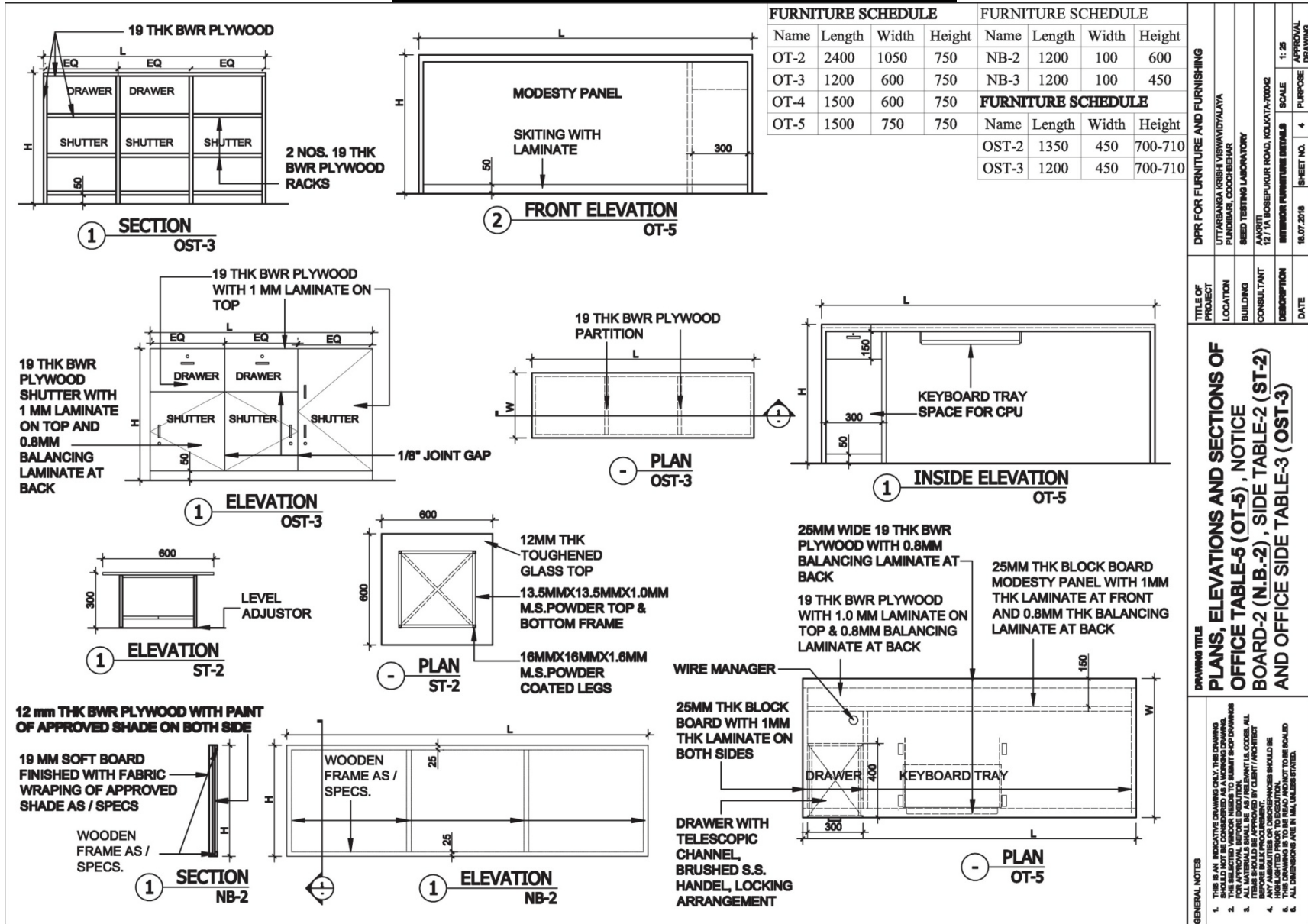
- SECOND FLOOR PLAN SEED TESTING LAB

DRAWING TITLE:
GROUND FLOOR PLAN, SEED TESTING LAB, PUNDIRBARI CAMPUS

Typical Drawing of General Furniture: Component-A

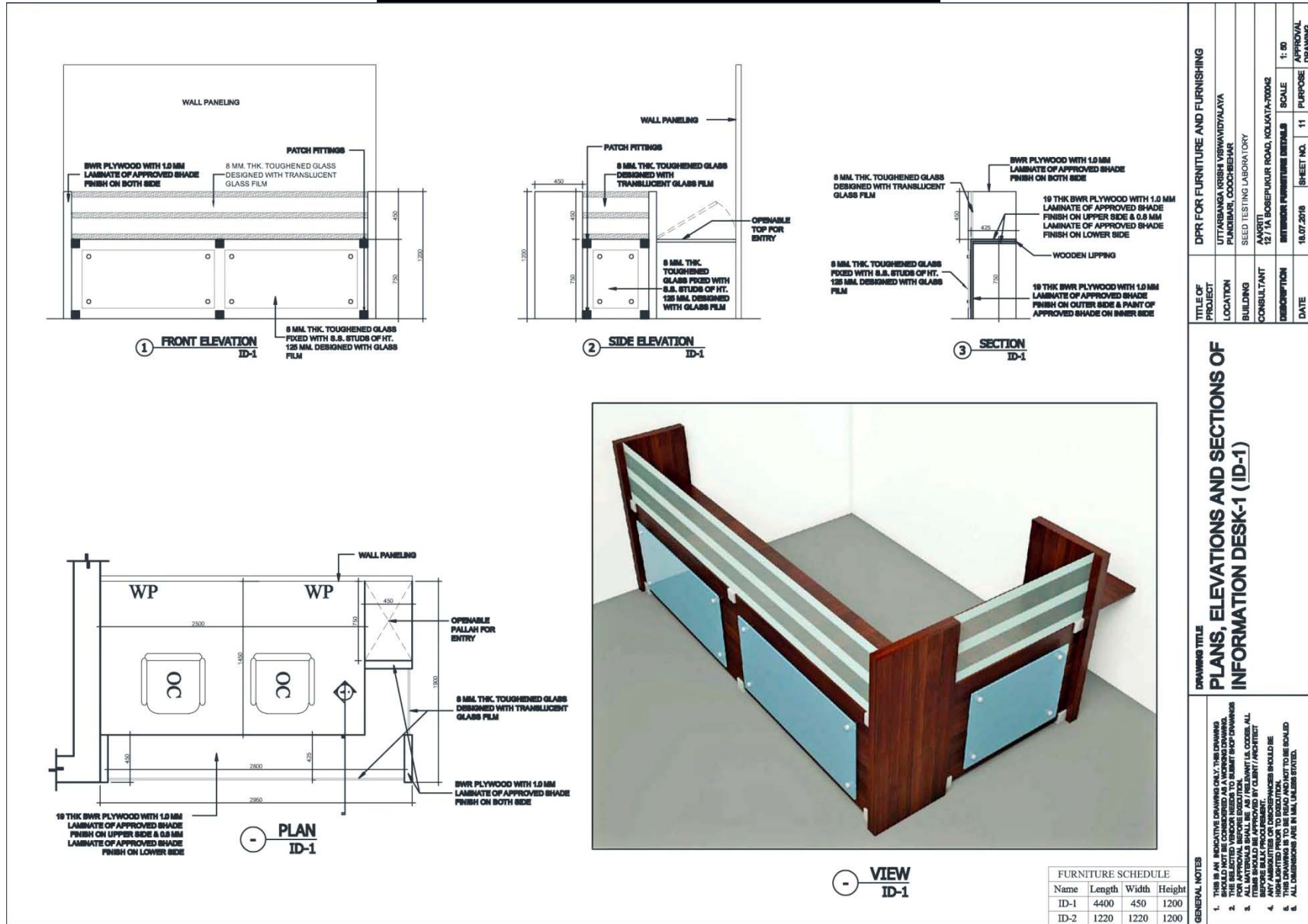


Typical Drawing of General Furniture: Component-A

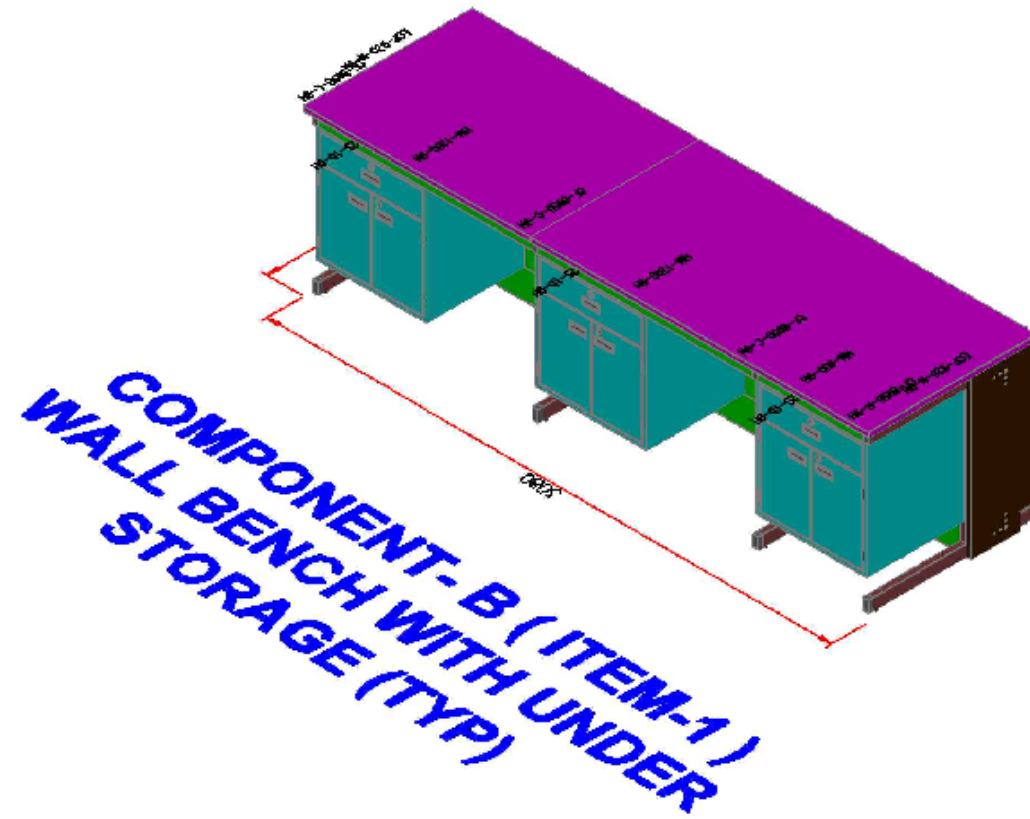


FURNITURE AND FURNISHING			
TITLE OF PROJECT	DPR FOR FURNITURE AND FURNISHING		
LOCATION	UTTARANGAL VISWA VIKAS VANDHYALAYA PUNDIRABAI, COOCHBEHAR		
BUILDING	BIJED TESTING LABORATORY		
CONSULTANT	SAYOBI TOBOSERUKUR ROAD, KOLKATA-700042		
DESCRIPTION	INTERIOR FURNITURE DETAILS		
DATE	18.07.2018	SHEET NO.	4
		SCALE	1: 25
		PURPOSE	APPROVAL
		DRAWING	DOINGING

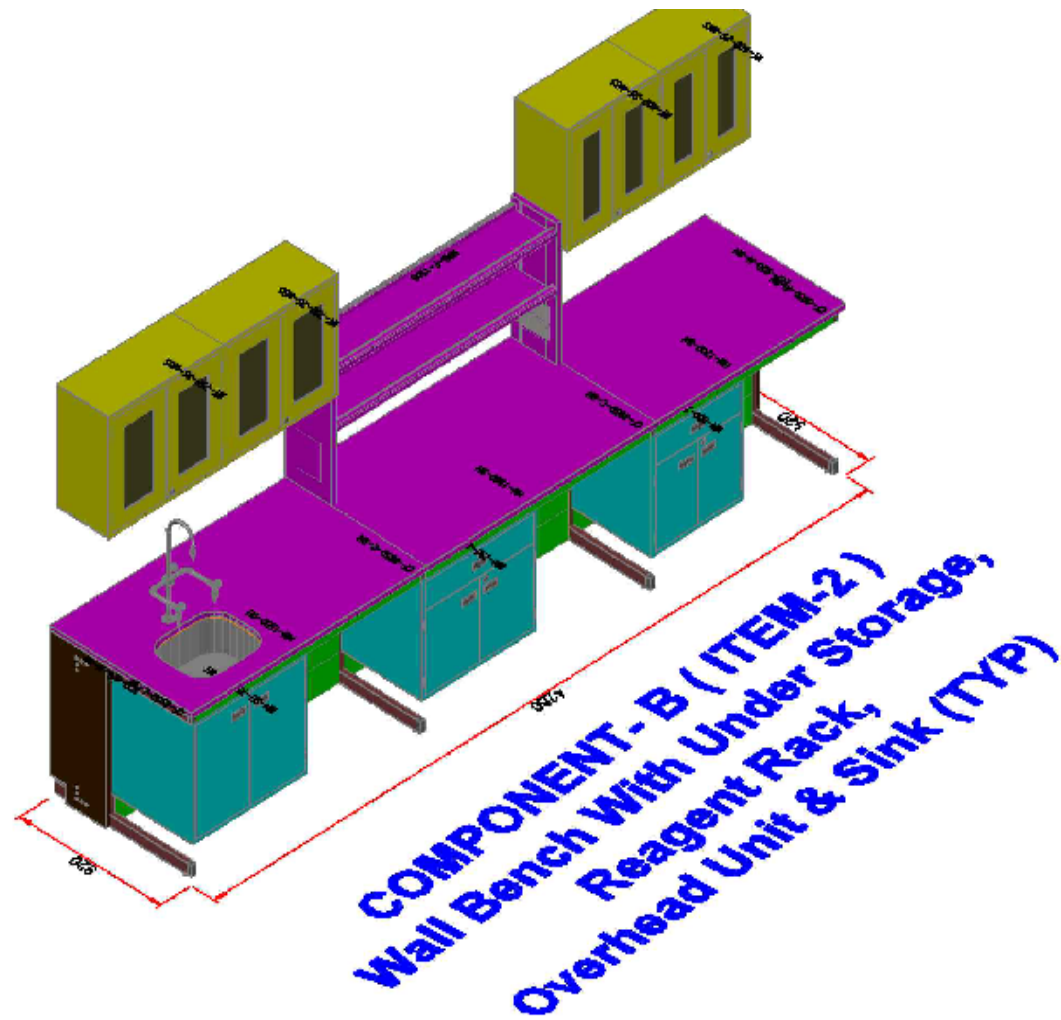
Typical Drawing of General Furniture: Component-A



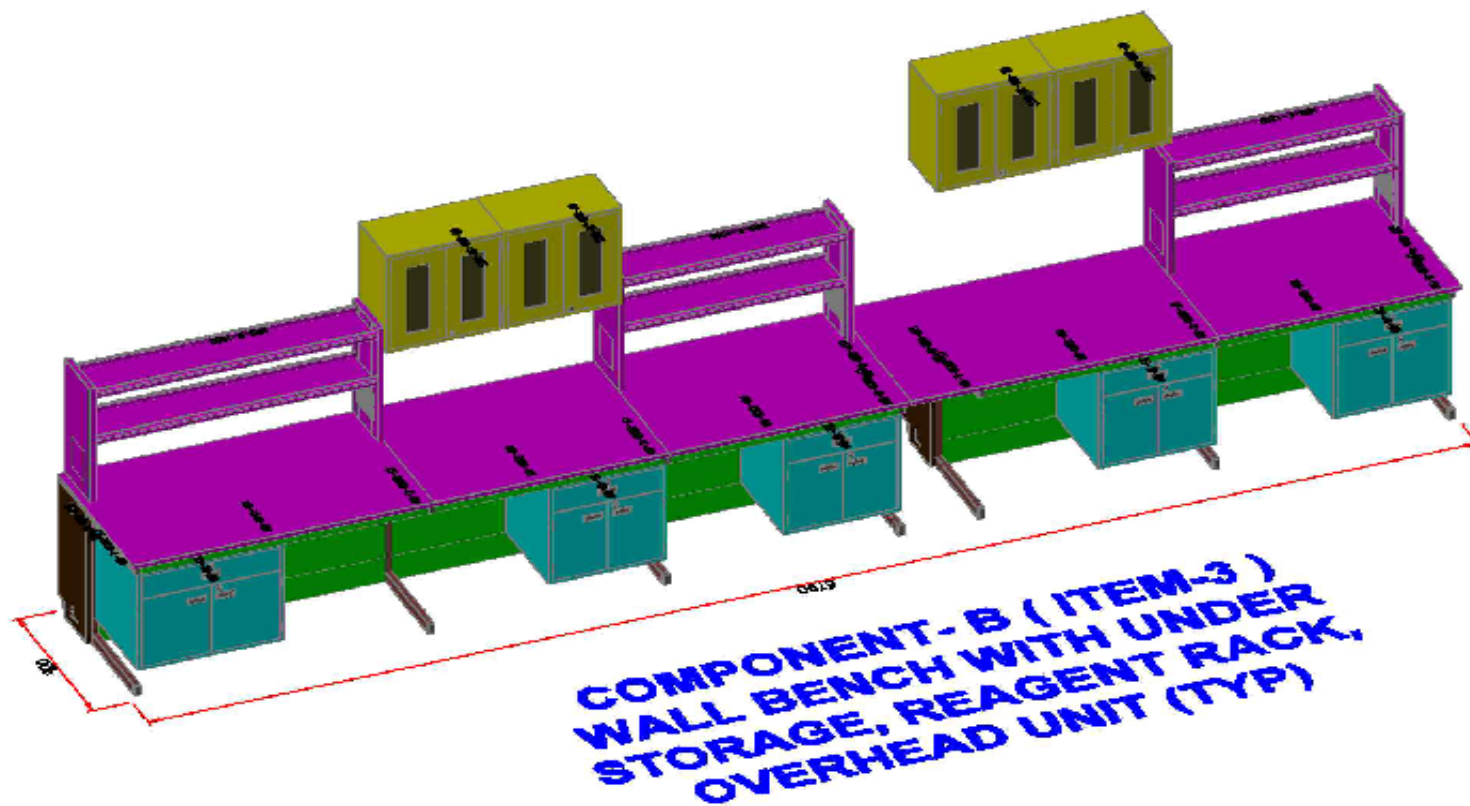
Typical Drawing of Lab Furniture: Component-B



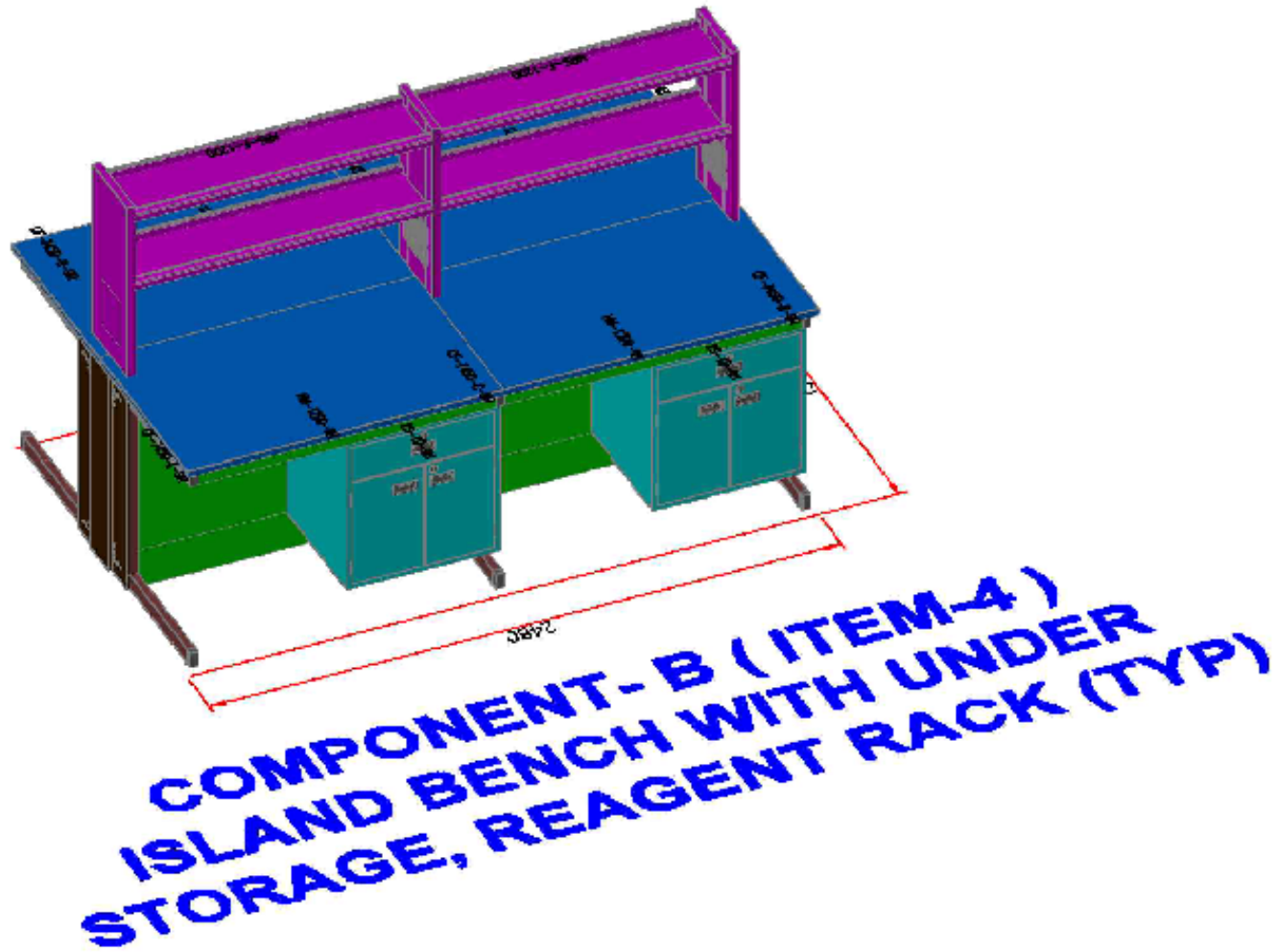
Typical Drawing of Lab Furniture: Component-B



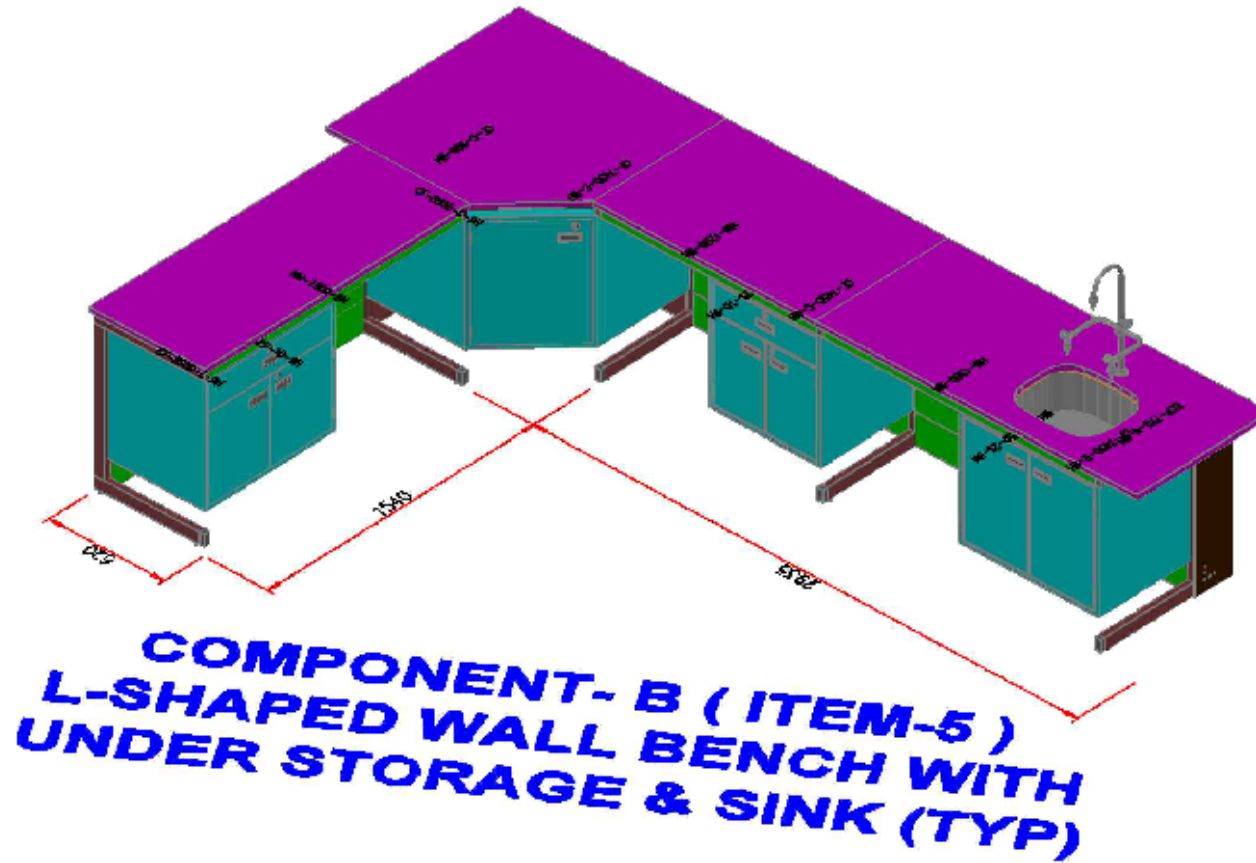
Typical Drawing of Lab Furniture: Component-B



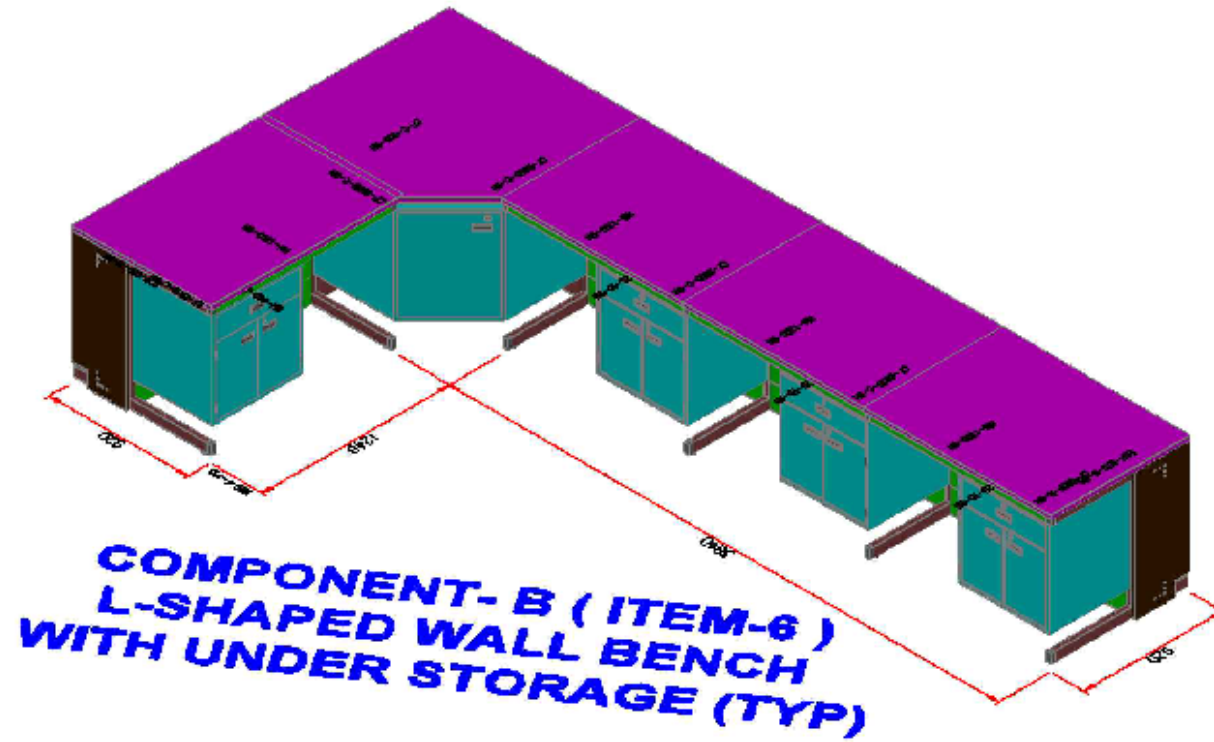
Typical Drawing of Lab Furniture: Component-B



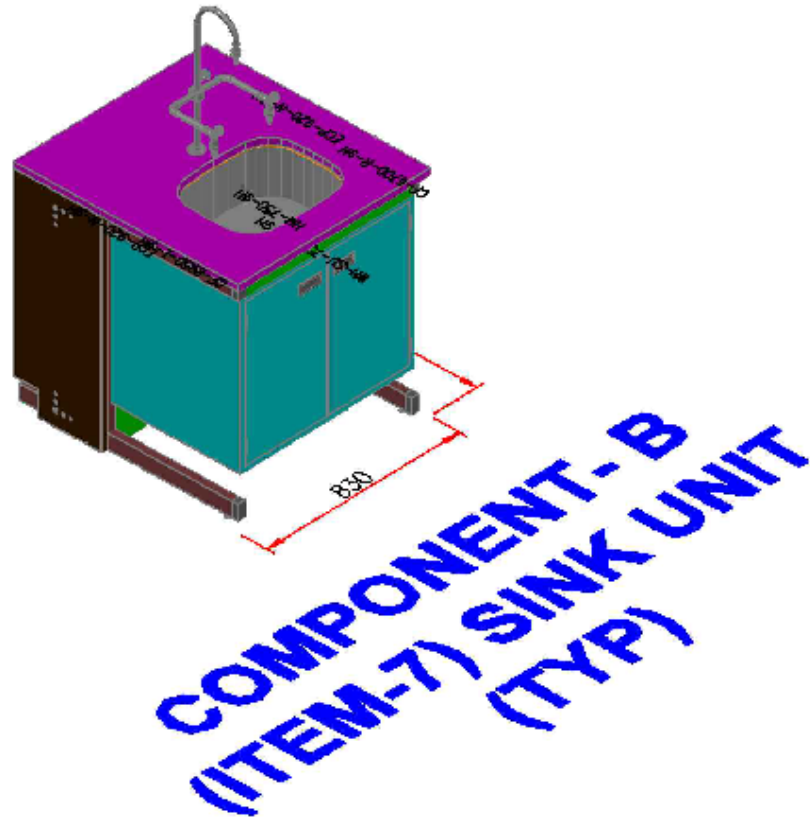
Typical Drawing of Lab Furniture: Component-B



Typical Drawing of Lab Furniture: Component-B



Typical Drawing of Lab Furniture: Component-B



FORM-I

PRE-QUALIFICATION APPLICATION

To
The Registrar
U.B.K.V , Pundibari
Cooch Behar.

Sub.: Tender for.....
.....
.....

Ref.: N.I.e-T. No.:

Dear Sir,

Having examined the Statutory, Non Statutory & NleT documents, I / we hereby submit all the necessary information and relevant documents for evaluation.
The application is made by me / us on behalf of _____ in the capacity _____ duly authorized to submit the offer.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group we are interested in bidding for the work(s) given in enclosure to this letter.

We understand that:

- a) Tender Inviting & Accepting Authority / Engineer-in-Charge can amend the scope & value of the contract bid under this project.
- b) Tender Inviting & Accepting Authority / Engineer-in-Charge reserve the right to reject any application without assigning any reason.

Enclo.: e-Filling

- 1. Statutory Documents.
- 2. Non Statutory Documents.

Signature of applicant including title
and capacity in which application is made.

Date:

FORM-II

ORGANISATION STRUCTURE

1	Name of Applicant (indicate whether Proprietary firm / Partnership / Limited Company / Corporation / Other)	:	
2	Office Address	:	
3	Telephone No.	:	
4	Fax No.	:	
5	E-mail address	:	
6	Name and Address of Banker	:	
7	Details of Technical Staff available	:	

**Signature of applicant including title
and capacity in which application is made.**

FORM-III
WORK EXPERIENCE DETAIL

1. Name of applicant: _____

2. List of similar type of work completed / ongoing:

Name of Employer	Name, location and nature of work	Reference of Work Order (Memo. No. and Date)	Contract Value	Date of Start of Work	Present Status (If completed, please mention date of completion)

Note : Copy of Work Order or Completion Certificate from the employer to be attached.