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1	Corrigendum and Addendum	Corrigendum and Addendum for ESTABLISHMENT OF LANGUAGE LEARNING LAB AT IIT BHUBANESHWAR	13-Jan-2023 06:06 PM	CorrigendumLB.pdf 	269.75

भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर
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F. No. IITBBS/SHSSM/AS/2022-23/37

Dt. 13/01/2023

Corrigendum & Addendum

The following Corrigendum & addendum in the Tender Enquiry No: IITBBS/SHSSM/AS/2022-23/37 dated 06.01.2023 with Tender Id 2023_IITBR_733462_1 ESTABLISHMENT OF LANGUAGE LEARNING LAB AT IIT BHUBANESHWAR after completion of Pre-bid on 11.01.2023.

II. Specification of Hardware

Corrigendum for	Corrigendum to be read as
Regarding Performance security deposit as in one place it is 3% and in other part of the tender it is 10%.	Performance security deposit is only 3% of the total order value.
Teacher Computer AIO- i7 (10 th Generation or Higher) / 21.5" FHD 8GB DDR4 RAM /1TB HDD/ 10P / ODD /5MP/5MP/ 2x2+BT 5/ 3-3-3 warranty	Teacher Computer AIO- i7 (10 th Generation or Higher) / 21.5" FHD 8GB DDR4 RAM /1TB HDD/ 10P / 5MP WB/ 2x2+BT 5/ 3-3-3 warranty
Students Computer: AIO - - i7 (10 th Generation or Higher) / 21.5" FHD 4GB DDR4 RAM /1TB HDD/ 10P / ODD / 2x2+BT 5/ 3-3-3 warranty	Students Computer: AIO - - i7 (10 th Generation or Higher) / 21.5" FHD 8GB DDR4 RAM /1TB HDD/ 10P/5MP WB / 2x2+BT 5/ 3-3-3 warranty
UPS : 20 KVA True Online UPS having Three Phase Input and Single Phase Output; with 20 nos SMF Battery and other accessories Min 15 Min Backup	UPS : 20 KVA True Online UPS having Three Phase Input and <i>Three</i> Phase Output; with 20 nos SMF Battery and other accessories Min 15 Min Backup
Electrical Work: Electrical work for 66 computers from UPS with 12 WAY MCB BOX (DOUBLE DOOR) ,DP 63 ISOLATER ,DP 63 MCB ,SP MCB 10 AMP,1 mm House Wire, modular switch box with complete switch & Socket,6 mm coper Wire - with complete installation	Deleted.

III. Specifications for Furniture and Other Interior

Corrigendum for	Corrigendum to be read as
<p>Teacher Table: Providing /Placing and Installing TABLE with 1 Drawer & 1 Openable shutter 1500(W) X 600(D) X 750(H). Table TOP from 25mm, Gable End, Modesty, Vertical, Drawer, Shutter are from 18mm thick Pre-laminated MDF board. All exposed edges sealed with 2mm thick PVC edge-band and 0.45mm thick for Non-Exposed edges. Bottom Mounted slide used for Drawer and individual locking provided for both the shutter and Drawer. Table with leveler provision. All Wooden panels shall be stained to approved color finished with melamine and scratch resistivity to pass 4H test. Should have a keyboard tray</p>	<p>Teacher Table: Providing /Placing and Installing TABLE with 1 Drawer & 1 Openable shutter 1500(W) X 600(D) X 750(H). Table TOP, Gable End, Modesty, Vertical, Drawer, Shutter are from <i>18mm thick BWR plywood with decorative lamination on exposed side and balancing lamination on other side and required powder coated supporting MS brackets / frames.</i> All exposed edges sealed with 2mm thick PVC edge-band <i>matching with the shade of lamination</i> and 0.45mm thick for Non-Exposed edges. Bottom Mounted slide / <i>telescopic channel</i> used for Drawer and individual locking provided for both the shutter and Drawer. Table with leveler provision. All Wooden panels shall be stained to approved color finished with melamine and scratch resistivity to pass 4H test. Should have a keyboard tray <i>fixed with telescopic channel.</i> <i>Switch socket for computer with wire manager and cable tray provision.</i> <i>Hardware fittings of Godrej / Hettich/ Hafele India / ozone are to be provided for handles, locks, hinges, telescopic channels etc.</i></p>
<p>Students Table 4 seater : Supply & installation of Table Size : (mm) 3000(W), 450(D), 740(H) & top, side panel and modesty are made with 25 MM thick plain MDF board (PPB) CLAD WITH 0.6 MM THICK POST FORMED LAMINATE AND 1MM LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. 18MM THICK PLAIN MDF BOARD (PPB) CLAD WITH 1.0MM THCK DECORATIVE LAMINATE (DL) ON BOTH SIDE EDGE SEALED WITH 2MM THICK PVC BEADING. The table will be divided by 750 mm and partition will be with 18mm thick prelaminated MDF board and will be with 10mm</p>	<p>Students Table 4 seater : Supply & installation of Table Size : (mm) 3000(W), 450(D), 740(H) & top, side panel and modesty are made with 25 MM thick <i>BWR plywood with decorative lamination</i> WITH 0.6 MM THICK POST FORMED LAMINATE AND 1MM LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. <i>The table will be divided in to four equal partitions of 750 mm each of 300mm height and partition will be made with 18mm thick BWR plywood with both side lamination.</i> 10mm thick toughened glass (750mm x 300mm) with adequate fittings to be installed</p>

<p>toughened glass (750mm x 300mm) with adequate fittings. Should have key board tray</p>	<p>between the 18mm thick BWR partitions on the front side. Should have a keyboard tray <i>fixed with telescopic channel. Switch socket for computer with wire manager and cable tray provision.</i> <i>Hardware fittings of Godrej / Hettich/ Hafele India / ozone are to be provided for handles, locks, hinges, telescopic channels etc.</i></p>
<p>Students Table 3 seater : Supply & installation of Table Size : (mm) 2250(W), 450(D), 740(H) & top, side panel and modesty are made with 25 MM thick plain MDF board (PPB) CLAD WITH 0.6 MM THICK POST FORMED LAMINATE AND 1MM LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING. 18MM THICK PLAIN MDF BOARD (PPB) CLAD WITH 1.0MM THCK DECORATIVE LAMINATE (DL) ON BOTH SIDE EDGE SEALED WITH 2MM THICK PVC BEADING. The table will be divided by 750 mm and partition will be with 18mm thick prelaminated MDF board and will be with 10mm toughened glass (750mm x 300mm) with adequate fittings Should have keyboard tray</p>	<p>Students Table 3 seater : Supply & installation of Table Size : (mm) 2250(W), 450(D), 740(H) & top, side panel and modesty are made with 25 MM thick <i>BWR plywood with decorative lamination WITH 0.6 MM THICK POST FORMED LAMINATE AND 1MM LAMINATE AND 1MM THICK BACKING LAMINATE (BDL). FLAT EDGE DULY SEALED WITH 2MM THICK PVC BEADING.</i>The table <i>will be divided in to three equal partitions of 750 mm each of 300mm height and partition will be made with 18mm thick BWR plywood with both side lamination.</i> 10mm thick toughened glass (750mm x 300mm) with adequate fittings to be installed between the 18mm thick BWR partitions on the front side. Should have a keyboard tray <i>fixed with telescopic channel. Switch socket for computer with wire manager and cable tray provision.</i> <i>Hardware fittings of Godrej / Hettich/ Hafele India / ozone are to be provided for handles, locks, hinges, telescopic channels etc</i></p>
<p>Teachers Chair: Supplying and Placing Mid Back Revolving Chair for faculty of size 760mm W x 760mm D x 850-970 mm H. The seat & back made from 1.2cm thick hot-pressed plywood and upholstered with fabric and moulded polyurethane foam. The back foam is designed with contoured lumber support for extra comfort. The Seat Size: 470mm W X 480mm D and Back Size 470mm W x 580mm H. The HR polyurethane foam is moulded with density of 45 +/- 2 kg per meter cube and hardness load of 16 +/- 2 kgf as per IS 7888 for 25% Compression.</p>	<p>Teachers Chair: Supplying and Placing Mid Back Revolving Chair for faculty of size 760mm W x 760mm D x 850-970 mm H. The seat & back made from 1.2cm thick <i>BWR</i> hot-pressed plywood and upholstered with fabric and moulded polyurethane foam. The back foam is designed with contoured lumber support for extra comfort. The Seat Size: 470mm W X 480mm D and Back Size 470mm W x 580mm H. The HR polyurethane foam is moulded with density of 45 +/- 2 kg per meter cube and hardness load of 16 +/- 2 kgf</p>

<p>The Armrest should be of one-piece armrest are fitted to the seat are injectionmoulded black co-polymer. There should be a synchronous tilt mechanism designed with 360-degree revolving type and upright locking. There should be gas lift having Height adjustment of stroke of 120mm. Below should have 3-piece telescopic type and injection moulded in black Polypropylene. The pedestal should be injection in black 30% glass-filled nylon and with 5 twin wheel castors in injection moulded type of black nylon. The pedestal of 660mm +/- 5mm pitch-center dia.</p>	<p>as per IS 7888 for 25% Compression. The Armrest should be of one-piece armrest are fitted to the seat are injection moulded black co-polymer. There should be a synchronous tilt mechanism designed with 360-degree revolving type and upright locking. There should be gas lift having Height adjustment of stroke of 120mm. Below should have 3-piece telescopic type and injection moulded in black Polypropylene. The pedestal should be injection in black 30% glass-filled nylon and with 5 twin wheel castors in injection moulded type of black nylon. The pedestal of 660mm +/- 5mm pitch-center dia.</p>
<p>Students Chair : <i>Supply and putting in place of Mid-back Revolving Chair for students of size 760mm W x 760mm D x 850-970mm H. The chair made in 12 mm thick Ply frame with cushioned seat and Mesh back. 75 mm thick PU foam of density 40 for seat, having good quality Rexine of approved tint and shade adjustable handle, additional and adjustable lumber support on back, with heavy nylon base and with 50 mm Dia five caster.</i></p>	<p>Students Chair : <i>Supply and putting in place of Mid-back Revolving Chair for students of size 760mm W x 760mm D x 850-970mm H. The chair made in 12 mm thick BWR Ply frame with cushioned seat and Mesh back. 75 mm thick PU foam of density 40 for seat, having good quality Rexine of approved tint and shade adjustable handle, additional and adjustable lumber support on back, with heavy nylon base and with 50 mm Dia five caster.</i></p>
<p>Wall Paneling : Supply and fittings of walls devi celing to all heights with GI device sections with glass wool of 50 mm thick having density of 48kg/cu m to be inserted into the pre-fabricated slot covered with marking cloth jacket treated with naphtha. Finally 12.5 mm thick gypsum Fulton boards having size 595 x 595 mm fitted and fixed in to fabricated grid and covered the all peripheral gaps of Fulton boards by self adhesive fiber tape with necessary fillers, complete in all respect as per direction of EIC Approx 1350 SQFT</p>	<p>Wall Paneling: <i>Supplying and fitting in all places of wall paneling of Gyproc/Anutone/Knauf/Diamond Ceiling to all heights and fixing on OEM specified frame work grid with 50mm thick polyester wadding of 1000 GSM which are to be inserted into the slots created through G.I. frames. 12.5mm thick gypsum board having size 595mmX595mm fitted & fixed into the pre-fabricated grid and cover the all peripheral gaps with gypsum boards drilled on to the frames along with self-additive fiber tape with necessary filler if required. The back of the perforated panel shall have sound absorbing non-woven acoustical fleece complete in all respect as per direction of the Engineer-in-charge.</i></p>

<p>Wooden Flooring : Providing and fixing 8mm AC4 wooden flooring of size 1214mm(L)x193mm(W), flooring range passes 4000RC abrasion test as per EN 13329, group 5 stain resistance including material and labour complete. Approx. 1656 SQ ft</p>	<p>Carpet: <i>Providing and Fixing loop pile carpet with pile fiber 100% BCF(Bulked Continuous Filament) poly propylene, Bulk continuous solution dyed filament, Tuffed pile weight 600gm/mgq, bond strength 30N, tuffed withdrawal strength 20N, Flammability-ASTM D 2859-96 & CPSC-FF-170,8 passes with 7 years warranty for limited wear (Unitex, Melody, heritage or equivalent reputed and approved make)for the floor with dice at the front including the removal of existing vinyl flooring(finishing area will be measured for payment purpose).The price including cost of all materials, labour, conveyance, loading, unloading, scaffolding, staging, watering and curing if required, T&P etc. complete asper the direction of the Engineer-in-charge.</i></p>
<p>Blinds for window: Supply Fittings & fixing of decorative fabric roller blinds at windows for sound proof effect.</p>	<p>Blinds for window: <i>Providing & fixing 100% black out fabric Roller Blinds of Vista / Trac/ marvel or equivalent make and shade approved by officer-in-charge with Aluminium alloys head rail of 38 mm made of high grade Polymer with control unit and Chain shall be made of plastic beads for operation. The price including cost of all materials, labour, conveyance, loading, unloading, scaffolding, staging, T&P etc. complete asper the direction of the Engineer-in-charge.</i></p>
<p>Lights for False Ceiling : all existing CFL Lights needs to change with LED lights.</p>	<p>Lights for False Ceiling : Dismantling of existing CFL lights and Supply & fixing of 36Watt recess type square LED light of minimum 100 lumen/watt, PF>.9, CRI>80, CCT:6500K</p>
<p>Partition wall : Providing and fixing Gypboard Partition walls of thickness 75mm with 10mm thick gypsum boards to both sides encased supported by GI framework as per IGL's specifications .The joints of Gypsum Board to be over the GI frames only and to be screwed at maximum 300mm c/c to the frame . All joints between the boards to be taped and paper tape and filled with jointing compound so as to provide a smooth surface which can receive Painting coats directly</p>	<p style="text-align: center;">Deleted.</p>

without application of putty. The frame work is to be adequately anchored in the wall/floor. The work includes material and labour.	
GD Table : Folding Table with 25mm MDF Board Size (mm) 1800(L)x1200(w)X750(H)	GD Table : Folding Table with 25mm thick <i>BWR plywood with both side lamination</i> with provision of wire manager at the center and cable tray below the table surface. <i>Hardware fittings of Godrej / Hettich/ Hafele India / ozone are to be provided for handles, locks, hinges, telescopic channels etc.</i> Size (mm) 1800(L)x1200(w)X750(H)

Addendum to III. Specifications for Furniture and Other Interior

Wiring	<p>a. <i>Supply, laying & termination of 10.0 sq. mm ISI marked, FRLS PVC insulated single core copper wire in PVC conduit for input power provision of 20KVA UPS from electrical panel room to UPS room and for UPS output .</i></p> <p>b. <i>Supply, laying & termination of 4.0 sq. mm ISI marked, FRLS PVC insulated single core copper wire in PVC conduit from DB to individual power point provision.</i></p> <p>c. <i>Supply, laying & termination of 3 core 2.5Sqmm PVC insulated copper bonded cable for supplying power to individual computer point.</i></p>
MCB with enclosure	<p>a. <i>Supply and fixing of 63A TPN MCB with 4 way enclosure box for UPS input.</i></p> <p>b. <i>Supply and fixing of 40A TPN MCB with 4 way enclosure box for UPS output.</i></p>
Switch & Socket	<p>a. <i>Supply and fixing of 15/5A socket with 15A switch with PVC modular box and face plate for power point provision</i></p> <p>b. <i>Supply and fixing of 15A/5A socket with 15A switch with PVC modular box and</i></p>

	<i>face plate for power point provision to each computer table.</i>
Conduit	<i>Supply & laying of 25mm dia MS conduit including bend/T and required floor box (In existing floor) including floor cutting & floor dressing for tapping power to the computer tables.</i>

Note: The modifications required in the existing infrastructure for executing civil & electrical works are part of the assigned work and no separate payment shall be released for the same. Hence, the bidders are strongly advised to get acquainted to the site condition before submission of bid and quote their rates accordingly.

All other Terms & Conditions of the Tender document shall remain unaltered.

Sd/
Assistant Registrar (S&P)