Office of Deputy Registrar (Purchase)
Indian Institute of Science (IISc)
Bangalore – 560012
(https://www.iisc.ac.in**)**

CORRIGENDUM-1

No.: IISc/Purchase/CDC/2020/10/Corr-1 Date: 27th July 2020

Ref. Tender No: IISc/Purchase/CDC/2020/10, Dated 8th July 2020

CPPP Tender ID: 2020_IISC_569917_1

NOTICE INVITING TENDER

in e-Tender mode only on the
Central Public Procurement Portal (CPPP) of the Govt. of India
under the two-cover bid system

for

Supply and Installation of Lab Furniture at Skill Development Centre, Challakere Campus, Indian Institute of Science, Bengaluru

Contact Details for this tender:
Chair
Challakere Empowered Committee
Challakere Development Centre Office
Indian Institute of Science
Bangalore 560012
Email: umarji@iisc.ac.in

Online Tender Submission website:
https://eprocure.gov.in/eprocure/app

CORRIGENDUM-1

Tender Ref. No.: IISc/Purchase/CDC/2020/10, Dated 8th July 2020

Indian Institute of Science, Bangalore has issued a Notice Inviting Tender (Tender no. IISc/Purchase/CDC/2020/10, Dated 8th July 2020, CPPP Tender ID: 2020_IISC_569917_1) for supply and installation of Lab Furniture at Skill Development Centre, Challakere Campus, Indian Institute of Science, Bengaluru. In this tender, following changes / amendment / addendum have been made: -

1. After pre-bid clarification meeting with prospective bidders, the Purchase Committee has decided to provide additional details in the technical specifications of the Lab Furnitures as follows in the section-3 "Technical Specifications" of the Notice Inviting Tender (NIT) document (refer to page-3 of the NIT): -

3. Technical Specifications

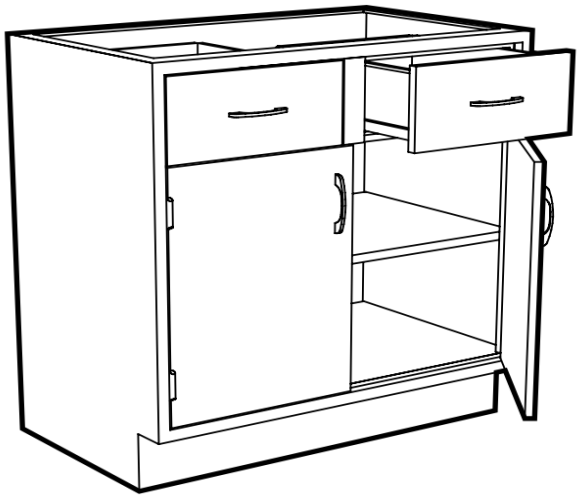
In addition to the technical specifications given in the NIT document, following points are also added: -

Sl. No.	***Additional details in the technical specifications***
1.	**Additional Detailed Specifications for Laboratory Tables** • Steel laboratory furniture as the standard of construction is to be used. • Black granite top with ground mounted cabinet unit described below should be provided. The worktops shall be of 18/19mm Jet black Granite of an even surface. The front edge of the granite shall be chamfered and smoothened. All materials should be acid resistant coated.
2.	**For Experimental tables island Lab Tables [item (a) and item (b) one sided lab table]** • The tables should be provided with two-level steel storage rack above the Table top. Two sets of electrical panels having three 5 amps sockets and a separate switch for overhead LED tube light. Two sets of high quality LPG double headed gas taps and nozzles should be provided for item (a).
3.	**For Experimental island tables item (c).** • Non-magnetic stainless steel material should be used with plain granite top (no over the table racks). Four sets of three 5 amp sockets with switches mounted on Bakalite plate on both sides. There will be only cupboards below the table top (No Drawers).
4.	**Cabinet Details** • Schematic drawing of the Floor mounted cabinet is shown in Figure (A) given the sl. no.-5 in this table. Cupboard units shall be provided with removable back panels. For accessing knee space for easy access to mechanical service area for item (a) two sided table. Cabinet body, drawer body, shelves, drawer heads and door assemblies shall be fabricated from Cold Rolled Steel for Item (a) and (b).

	• Drawer bodies shall be made in one-piece construction including the bottom, two sides, back and front. They shall be fully coved at interior bottom on all four sides for easy cleaning. The top front of the inner drawer body shall be offset to interlock with the channel formation in drawer head providing a 3/4" thick drawer head. • The outer drawer and door head shall have a channel formation on all four sides to eliminate sharp raw edges of steel and the top front corners shall be welded and ground smooth. Drawer and door, when closed, shall be recessed to create an overall flush face. • Drawer suspension assembly shall consist of 2 sections providing a quiet, smooth operation on ball bearing nylon rollers. All drawers shall be self-closing from a point 5" open. Cabinet channels shall maintain alignment of drawer and provide an integral drawer stop, but the drawer shall be removable without the use of tools. Drawers shall provide 13-5/8" front to back clearance when fully extended. Drawers shall rise when opened thus avoiding friction with lower drawers and/or doors. • Steel Door assembly (two-piece) for solid pan swinging door shall consist of an inner and outer door pan. Outer door pan shall be formed at all four sides. The corners on the pull side of the outer door pan shall be welded and ground smooth to prevent exposure of sharp edges of steel at these critical points. Inner door pan shall be flanged at all four sides with hinge reinforcements welded in place. The door assembly shall be 3/4" thick and contains sound deadening material. Steel Drawer/door assemblies shall be painted prior to assembly. Both shall be punched for attaching drawer pulls. Likewise, inner pan formation of door and drawer body shall be indented for in-field installation of locks when required. Doors shall be readily removable and hinges easily replaceable. Hinges shall be applied to the cabinet and door with screws (Welding of hinges to either cabinet or door will not be acceptable). • **Cold Rolled Steel Material**: All cold rolled sheet steel shall be of prime grade 12, 14, 16, 18 and 20 gauge. Gauges of steel used in construction of cases shall be 18 gauge, except at corner gussets for leveling bolts and apron corner braces, case and drawer suspension channels, top and intermediate front horizontal rails, table aprons, hinge reinforcements, and reinforcement gussets where thicker gauge should be used. • **Drawer and Door Pulls**: Pull shall be of comfortable handgrip, and be securely fastened to doors and drawers with screws. All pulls shall be satin finish aluminum, with a clear, lacquer finish. • **Hinges**: Hinges shall be made of Type 304 stainless steel .089 thick, 2-1/2" high, with brushed satin finish. Hinges shall be attached to both door and case with two screws through each leaf. (Welding of hinges to door or case will not be accepted). • **Positive Catch**: A two-piece heavy-duty cam action positive catch shall be provided on all base cupboard doors and shall be positioned near the pivoting edge of door to provide a clean unobstructed opening. (Nylon roller type catches are not acceptable).

- **Base Molding**: Base molding shall be provided on all table legs, unless otherwise specified, to conceal leveling device. Shoes shall be a pliable, black vinyl material. Corner clip should be provided to hold the base molding firmly.
- Die formed gussets, with multiple ends for strength, shall be furnished in each bottom corner of base units to insure rigidity, and a 3/8"-16 leveling bolt, 3" long, and shall engage a clinch nut in each gusset. Access to the leveling bolts shall be through plug buttons in the bottom pan. Each leveling bolt and gusset shall be capable of supporting 500 lbs.
- **Steel Paint System Finish**: After Cold Rolled Steel and Textured Steel component parts have been completely welded together and before finishing, they shall be given a pre-paint treatment to provide excellent adhesion of the finish system to the steel and to aid in the prevention of corrosion. Followed by phosphate solution treatment to provide both an excellent bond for the finish and enhance the protection provided by the finish against humidity and corrosive chemicals. All steel surfaces shall be coated with a chemical and corrosion-resistant powder coat finish. All components shall be individually painted. The coating shall then be cured by baking at elevated temperatures to provide maximum properties of corrosion and wear resistance.
- The completed finish system in standard colors shall meet the performance test requirements for (i) Chemical Spot Tests for volatile, acid and alkaline chemicals. (ii) Heat Resistance (iii) Impact Resistance (iv) Bending (v) Adhesion and (Vi) Hardness test.
- APPLICABLE CODES & STANDARDS SEFA 3 – Scientific Equipment and Furniture Association, SEFA 8 - Scientific Equipment and Furniture Association.

5. Figure (A) Schematic of the Floor Mounted Under the Table Cabinet Unit.



All Dimensions in mm.

Item	No of Cabinets per table	Material of Construction	Height in mm. (Including leveling Screws)	Width in mm.	Depth in mm.

	Item (a) Experimental Table Figure 1 in Annexure I in the NIT	3 on each side	Powder coated Cold Rolled steel	900	800	600
	Item (b) Experimental Table Figure 2 in Annexure 1 in the NIT	2 on one side	Powder coated Cold Rolled Steel	900	900	762
	Item (c) Experimental table Figure 3 in Annexure 1 in the NIT	2 on each side	Stainless steel	900	1200	762

2. All the bidders are required to submit mandatorily following Table-3 with the their technical bid in addition to the tables (Table-1 and Table-2) given in the NIT (refer to page-16 of the NIT document) as Annexure-4 "BOQ compliance tables": -

Table-3

In column-3, for each item of furniture please write 'CONFIRM' (if you are able to supply as per our specification) or 'DEVIATION' (if you are deviating from our specification). The specific deviation with complete details should invariably be recorded in column-3 clearly.

Sl. No.	***Additional details in the technical specifications***	Mention whether CONFIRM or DEVIATION, if any. (If there is deviation, please mention complete details. If required, please use separate sheet) (**to be filled-in by the bidder**)
1.	**Additional Detailed Specifications for Laboratory Tables** • Steel laboratory furniture as the standard of construction is to be used. • Black granite top with ground mounted cabinet unit described below should be provided. The worktops shall be of 18/19mm Jet black Granite of an even surface. The front edge of the granite shall be chamfered and smoothened. All materials should be acid resistant coated	
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corrosion-resistant powder coat finish. All components shall be individually painted. The coating shall then be cured by baking at elevated temperatures to provide maximum properties of corrosion and wear resistance.

- The completed finish system in standard colors shall meet the performance test requirements for (i) Chemical Spot Tests for volatile, acid and alkaline chemicals. (ii) Heat Resistance (iii) Impact Resistance (iv) Bending (v) Adhesion and (Vi) Hardness test.
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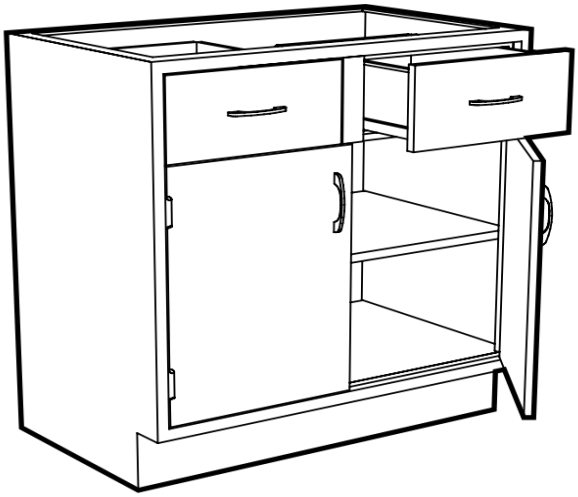

All Dimensions in mm.

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	Annexure 1 in the NIT						
	Item (c) Experimental table Figure 3 in Annexure 1 in the NIT	2 on each side	Stainless steel	900	1200	762	

3. All other terms & conditions and rest of the contents of the Notice Inviting Tender (NIT) will remain unchanged. This corrigendum forms an integral part of the NIT. The bidders are required to submit a copy of the NIT and this corrigendum (duly sealed and signed of the bidder on all pages) as an annexure with their Technical Bid. All bids must be submitted through e-tender mode only via CPPP.

4. Bidders may regularly visit websites www.iisc.ac.in and https://eprocure.gov.in/eprocure/app for any further details with regard to this tender.

5. All query / correspondence regarding this tender should be addressed to "The Chair, Challakere Empowered Committee, Challakere Development Centre Office, Indian Institute of Science, Bangalore – 560012, India" (Email ID: **umarji@iisc.ac.in**) only. Query / correspondence addressed to any other official / authority of IISc will not be entertained.

Chair, Challakere Empowered Committee
IISc, Bangalore

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