

जिला-दुर्ग, छत्तीसगढ़-491001

Indian Institute of Technology, Bhilai

Dist.- Durg, Chhattisgarh - 491001 Website: www.iitbhilai.ac.in

GSTN: 22AABAI0415K1Z7

Date: 12-01-2024

CORRIGENDUM-1

This is in reference to the tender no. IITBh/Goods/Chem/2023-24/160, Dated: 04/12/2023 for "Supply, Installation, Testing and Validation of Experimental Laboratory Furniture at Indian Institute of Technology Bhilai"

The following addition or changes are made in technical specifications in the ender document:

Sr. No.	Pg no. and clause no.		Existing	Modification/Correction
1	(Pg. No. 1 of 41)	Tender Fee & EMD		EMD should be submitted through SBI collect
2	Clause No 2, Section I, Pg No 5 of 41)	All the items covered in the Schedule of Requirements at Section – V must be supplied within 8 weeks from the date of final GA		All the items covered in the Schedule of Requirements at Section – V must be supplied within 8-10 weeks from the date of final GA drawing and colour shade approval. Suppliers should submit the GA drawing within one week from the date of PO issued. Suppliers should complete the installation within 02 weeks from the date of delivery of the equipment.
3	14 of 41, clause no. 1.5	Overhead Cabinet L750	05 Nos	Overhead Cabinet L1000 x D350 x H600 mm



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		x D400 x H600 mm		
4	14 of 41, clause no. 1.6	Yellow Safety Cabinet for Flammables 1651 x 1092 x 457 mm		02 Nos
5		Solvent Storage Cabinet (External Size: L 1092 x W 457 x H 1651 mm)	01 No.	This point has to be removed from tender
	clause no. 1-	service line Se	ving agent towers and cessary items required should	in superstructure to have 1 no. fixed storage racks in



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*		.]	amount of gas distribution work and the required materials shall be as per actual measurement	provided for the gas distribution system. • The amount of gas distribution work and the required materials shall be as per actual measurement after development at site as per certified measurements by site engineer/end user
7	19 of 41, clause no. 1-D-1	MOC detail	● SISW Direct Driven design, Centrifugal Corrosion Resistant fan completes with backward curved design, Imported Impeller. ● Casing in Galvanized Iron (GI) construction or equivalent duly powder coated. ● 2 HP motor (1 nos), 3 HP motor (3 nos), 5 HP motor (2 nos) 4 Pole, 3 phase, 415V, 50 HZ, TEFC Class B insulation motors for cluster of fume hoods I 800mm wide (as per the requirement of the cluster) ● Motor shall be of Siemens, Crompton, Hindustan, ABB ● Blower shall be of COLASIT / PLASTIFER or equivalent ● IP 55, Class F, continuous rating. As per IS 325. ● VFD control units should be there to control the motor.	● SISW Direct Driven design, Centrifugal Corrosion Resistant fan completes with backward curved design, Imported Impeller. ● Casing in Galvanized Iron (GI) construction or equivalent duly powder coated. ● 4 Pole, 3 phase, 415V, 50 HZ, TEFC Class B insulation motors for cluster of fume hoods I 800mm wide (as per the requirement of the cluster) ● Motor shall be of Siemens, Crompton, Hindustan, ABB ● Blower shall be of COLASIT / PLASTIFER or equivalent ● IP 55, Class F, continuous rating. As per IS 325. ● VFD control units should be there to control the motor.



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	the of Techno			Website: www.iitbhila	
E E MANAGE	20 - 641			GSTN: 22AABAI0415K1Z7	
	clause no. 2-1 Mo	inth type)	• Completely made of 1 mm(+/-0.1mm) GI sheets as IS 277 standard. The sound deadening bumpers to be use while closing the door. The entire module should be made up of GI panels and are polted/riveted for achieving maximum strength with high corrosion resistance. Welding f modules is not acceptable. The shutters should be mounted the	as per IS 277 standard. The sound deadening bumpers to be used while closing the door. The entire module should be made up of GI panels and are bolted/riveted for achieving maximum strength with high corrosion resistance. Welding of modules is not acceptable. The shutters	
		In:	aboratory Furniture at Indian stitute of Technology Bhilai, ge 21 of 41 odules by hinges which are	Supply, Installation,	
		that tele sho take mod dual be p	enable to 95 degree & self sing on return. Lockable ler bearings must be used so to the drawer will not fall. The escopic drawer slides which uld be very sturdy & able to e a load of 35(+/-5) kg. All dules must have a lock and I key. The lock ring should blastic.	Bhilai, Page 21 of 41 modules by hinges which are openable to 95 degree	
		Ne prov	cessary leg space should be ided between the modules or layout.	modules must have a lock and dual key. The lock ring should be plastic. • Quantity and dimension as per layout.	
		• SE under	FA-8 standards heavy duty r module, comprising of	Necessary leg space should be provided	

one drawer - one shutter or one

should be provided

between the modules as



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	Water State of the		1	per layout.
		1	layout.	Hinges of Island benches should be Knuckle Berrel type
12	21 of 41, clause no. 2-6	Sink	 Three-way water tap: Gooseneck type (Tof/Broen/Far) pp sink (L610XW460XD305) Every sink should have one Eye shower Quantity as per layout. 	 Three-way water tap: Gooseneck type (Tof/Broen/Far) pp sink (L610XW460XD305) Every sink should have one no of two-way Eye shower Quantity as per layout.
13	21 of 41, clause no. 2-7	Reagent Rack	 Double sided double tier reagent rack with electrical raceway 300 mm width Overall Height: 600 mm. Material of construction: 	 Double sided double tier reagent rack with electrical raceway 300 mm width Overall Height: 600 mm. Material of construction:
			Completely made of 1 mm(+/-0.1mm) GI sheets as per IS 277 standard.	Completely made of 1 mm(+/-0.1mm) GI sheets as per IS 277 standard.
			• The raceway should have provision for vacuum and nitrogen gas service lines. Total of 25 lines for nitrogen and 25 lines for vacuum is required and should be distributed as per the requirement of IIT Bhilai.	lines. Total lines for nitrogen and for vacuum should be distributed as per the requirement of IIT
			• The Nitrogen Gas distribution system and vacuum line for the island bench should be arranged by the vendor from the cylinder/pump location of the same lab. The necessary tubings, regulators, drying ager towers and necessary items	• The Nitrogen Gas distribution system and vacuum line for the island bench should be arranged



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14			required should be provided. The amount of gas distribution work and the required materials shall be as per actual measurement after development at site as per certified measurements by site engineer/end user. The bidder can provide unit rate in the BOQ.	necessary tubings, regulators, drying agent towers and necessary items required should be provided. The amount of
17	24 of 41, Clause no. 4	111050: Quar	orage Cabinet L900 X D450 X atity: 02 Nos	Chemical Storage Cabinet L1000 X D450 X H1830: Quantity: 02 Nos
	25 of 41, clause no. 5-A-3	ı S	Door handles: SS 204	 End Panel, Top Panel & Bottom Panel: 1.2 mm thick Galvanized Iron Sheet Rear Panel: 1.2 mm Galvanized Iron Sheets Front door: 5 mm thick glass with metallic frame in GI construction 1 fixed shelf with pp covering sheet Shelf: 1.2 mm thick GI sheet. Door Supporting frames: 1.6 mm thick GI Sheet. Door Hinges: Knuckle
15		0	Lock: - With two keys for oors.	Door handles: SS 304const.



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	And the second		Approved Wakes	• Lock: - With two keys for doors.
		ş		Approved Makes – Hettich/ Hafele/ Ebco/ Godrej
17	25 of 41, clause no. 6-A		Cabinet for Flammables:	Yellow Safety Cabinet for Flammables: Quantity 02 Nos
18	26 of 41, clause no. 6- A-8	FM Approval	• Yes	This point has to be removed from tender
19	27 of 41, clause no. 8	Solvent Storage Cabinet (External Size: L 1092 x W 457 x H 1651 mm)		This point has to be removed from tender
	27 of 41, clause no. 8-1	General	 Number of Doors and Style: 2 door, manual Capacity (Gallons): 45 Capacity (Liters): 170 Adjustable Shelves: 2 Net Wt. (Kg): 120-150 	
	27 of 41, clause no. 8-2	Dimensions:	Dimensions: L 1003 x W 370 x H 1537 mm	
	29 of 41, clause no. 10	chemical stor cabinet may financial eva the PO or pay	of yellow safety cabinet, rage cabinet and solvent storage increase or decrease based on the luation/at the time of release of yment will be made on actual d quantity of final work.	The quantity of any items such as yellow safety cabinet and chemical storage cabinet etc. may increase or decrease based on the financial evaluation/at the time of release of the PO or payment will be made on actual supplied/used



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	quantity of final work.
20	Vender should supply PP Sink, Eye Shower, Spot Extractor and Fume Hood utility valves of high grade make, certified with OSHA and ANSI.
21	The Vendor must quote all the plumbing, drainage, electrical, ducting, gas distribution and other work required for lab setup (in a lot). As per the actual measurement provided with the layout attached.
22	The vendor must provide a bifurcated price for gas distribution system separately in the bifurcation related document (in pdf), and gas distribution work will be taken as optional. It will not be considered in financial evaluation/in deciding the L1 price.
	The installation of gas distribution system will be finalized based on the financial evaluation/at the time of release of the PO or payment will be made on actual final work.
11 0	ther terms and conditions of the tender document will remain the same

All other terms and conditions of the tender document will remain the same.

विंग कमाण्डर डॉ. जयेश चन्द्र एस.पै(सेवानिवत) Wing Cdr. Dr. Jayesh Chandra S. Pai (Retd.) कुलसचिव / Registrar

भारतीय प्रौद्योगिकी संस्थान भिलाई Indian Institute of Technology Bhilai







