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Copy Right And Confidential The Information On This Document Is The Property Of Bharat Heavy Electricals Limited . It Must Not Be Used Directly Or	Indirectly In Any Way Detrimental To The Interest Of The Company.		Purchase Operator Desks, Workst	Specification Of ation Racks		ories	
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Purchase Specification For SECTION-I Operator Desks

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SECTION - I

1. General:

The specification is for Operator Desks. The requirements are as per table

2. Scope of supply:

A. SPECIFICATION FOR MAIN OPERATOR DESK

SL.	Description	Yes/No	Supplier's Remark
NO.	Unit Control Desk (UCD) is required as per Drawing enclosed (Drg. No. PS1 Sht. No. 10 of 15). The UCD should have provision for supporting Keyboards and associated Mouse.		
2	The Work surface is to be of board/MDF, laminated/veneered on both sides, having minimum thickness of 12mm Acrylic Solid Surface and 18 mm of MDF. Foot, cantilever beams, Cable managers to be made of Extruded/Cast Aluminium/CRCA, Support legs and Horizontal supports (if required) below Work surface to be of minimum 2.0 mm thick suitable die cast/extruded Aluminum / laminated steel profile.		
3	Work surface width and depth to be as per Drawing enclosed (Drg. No. PS1 Sht. No. 10 of 15). Sides and rear to have ABS plastic trim.		
4	Profiled extended support and cantilevered beam of Aluminium / steel with suspension hook (if required) to support legs to be provided which should have powder coated finish in approved color / shade.		
5	Tray for housing keyboard and mouse, complete with mounting arrangement to be provided.		
6	The Desk can be designed, manufactured and supplied in separate shipping sections. Indicative drawings attached. The general layout of one section is shown in the Drawing.		

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Purchase Specification for **SECTION-I Operator Desks**

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B. SPECIFICATION FOR OTHER OPERATOR DESK

SL.	Description	Yes/No	Supplier's Remark
	1 Unit Control Desk (UCD) is required as per Drawing enclosed (Drg. No. PS2 Sht. No. 11 of 15). The UCD should have provision for supporting Keyboards and associated Mouse.		
	The Work surface is to be of 12mm minimum thickness of Acrylic Solid Surface and 18 mm of MDF, laminated/veneered on both sides. Foot, cantilever beams, Cable managers to be made of Extruded/Cast Aluminium/CRCA, Support legs and Horizontal supports (if required) below Work surface to be of minimum 2.0 mm thick suitable die cast/extruded Aluminum / laminated steel profile.		
	Work surface width and depth to be as per Drawing enclosed (Drg. No. PS2 Sht. No. 11 of 15). Sides and rear to have ABS plastic trim.		
	4 Profiled extended support and cantilevered beam of Aluminium / steel with suspension hook (if required) to support legs to be provided which should have powder coated finish in approved color / shade.		
	Tray for housing keyboard and mouse, complete with mounting arrangement to be provided.		
	6 The Desk can be designed, manufactured and supplied in separate shipping sections. Indicative drawings attached. The general layout of one section is shown in the Drawing.		

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Purchase Specification for **SECTION-II Workstation Racks**

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SECTION - II

3. General:

The specification is for Workstation Racks. The requirements are as under:

4. Scope of supply:

A. SPECIFICATION FOR RACK BEHIND LVS

SL. NO.	Description	Yes/No	Supplier's Remark
1	Design, Manufacture / Fabrication and Supply of in Position Control Room Racks as per indicative drawing no. PS3 Sheet no. 12 of 15.		
2	It shall consists of Vertical, Horizontal and Base supports with their coverings and Work surfaces, wire way management profiled trays with covers in both Horizontal and Vertical Directions complete with clamps, adopter sleeve, switches, etc.		
3	VERTICAL SUPPORT: Support legs dimensions as per drawing PS3 Sheet no. 12 of 15, in minimum 2.0 mm thick extruded / profiled aluminium / laminated steel, to hold mounting base, work surface and Shelves. Side and top supports/stiffeners to be provided, as required, for strength and supporting wire ways.		
4			



Purchase Specification for **SECTION-II Workstation Racks**

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B. SPECIFICATION FOR WORKSTATION RACK

Not		SL. NO.	Description	Yes/No	Supplier's Remark
ed. It Must	mpany.	1	Design, Manufacture / Fabrication and Supply of in Position Control Room Racks as per indicative drawing no. PS4 Sheet no. 13 of 15.		
vy Electricals Limite	e Interest Of The Co	2	It shall consists of Vertical, Horizontal and Base supports with their coverings and Work surfaces and Pullout Keyboard Trays, concealed wire way management profiled trays with covers in both Horizontal and Vertical Directions complete with clamps, adopter sleeve, switches, foot rest etc.		
Copy Right And Confidential Is The Property Of Bharat Hea	y Way Détrimental To Th	3	Support legs dimensions as per Drg. PS4 Sheet no. 13 of 15, in minimum 2.0 mm thick extruded / profiled aluminium / laminated steel, to hold mounting base, work surface and Shelves. Side and top supports/stiffeners to be provided, as required, for strength and supporting wire ways.		
Copy Right And Confidential The Information On This Document Is The Property Of Bharat Heavy Electricals Limited. It Must Not	Be Used Directly Or Indirectly In Any Way Detrimental To The Interest Of The Company	4	 WORK SURFACE Worktop of dimensions as per Drg. PS4 Sheet no. 13 of 15 to be made of MDF board, laminated/veneered on both sides, having minimum 25mm thickness. Profiled Steel Support and cantilevered beam, if required, in Die Cast Aluminium/Steel, to support legs and pillars which are to be powder coated in approved color/shade. Worktop to have keyboard trays of compact design with provisions for sliding, complete with mounting arrangement. Shelves to hold the CPU to be height adjustable. 		

		SECTION - III
		A. SPECIFICATION FOR LOCKER SET MADE OF CRCA STE (Refer to Detailed Drg. PS5 Sheet no. 14 of 15)
Copy Right And Confidential The Information On This Document Is The Property Of Bharat Heavy Electricals Limited. It Must Not	Be Used Directly Or Indirectly In Any Way Detrimental To The Interest Of The Company.	(Refer to Detailed Drg. PS5 Sheet no. 14 of 15) B. Almirahs made of CRCA steel with glass doors. (Refer to Detailed Drg. PS6 Sheet no. 15 of 15) C. Key pad Programmable master code of 6 digits. User code can be s lock after 4 consecutive wrong words. Lock time programm Battery status check at a key strike. External Dimensions (mm) 250(H) X 350(W) X 250(D). approximately app

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Purchase Specification for SECTION-III Locker, Almirah & Keypad

set from 3-6 digits. Keyboard mable to 0.15 to 30 minutes.

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NOTE:

- 1. Dimensions are indicative, detailed component size and specification may be vendor specific within broad specs given above.
- 2. As required Nos. of 4 way, 5/15 Amps power socket strip mounted on each of the shelves.

4.PAINTING:

Finished surface to be free from waves, belies or other imperfections. Surface to be Powder Coated or if Spray painted, 2 coats of inhibitive epoxy primer surface to be applied. Paint with Minimum of 2 coats of Primer and 2 sprays of final finish colour to be applied OR powder coated with epoxy paint. Exact color and shade of components will be specified at the time of Order placement. Exact Color will be indicated at the time of PO Placement

Minimum thickness Aluminium Sheets: is 30 microns.

MS Components: is 60 microns.

5.WARRANTY:

Offer to include" 2 years warranty at site" against manufacturing defects from date of supply. Warranty to include all costs towards material, labour, to & fro travelling, accommodation and stay etc. Exact location of Project site will be intimated at time of PO placement.

6.DOCUMENTS REQUIRED WITH OFFER:

- OGA and detailed dimensional Drawings to be submitted for approval before manufacture.
- Drawings to include dimensional sectional side view, top view, front and rear views, with plan of base frames (if applicable). Overall Width, Height, Depth and thickness of Supports / Legs also to be indicated.
- Shipping section details to be indicated
- Deviations from specifications (if any) along with justification on suitability of alternate offer. Offer liable for rejection if above documents are not submitted

7.GENERAL:

- Suppliers internal Test Certificate for dimensions, Visual inspection, Paint and Electrical items (where included) to be submitted before giving inspection call to BHEL.
- Pre-dispatch Inspection by BHEL/Customer at suppliers works.
- All furniture to be directly dispatched to project site from Supplier's works after obtaining necessary Clearance from BHEL. Consignee details will be intimated at the time of PO placement.
- Item shall be packed in all weather proof packing with sufficient cushioning to avoid transit damages. Specific storage requirements, if any, to be indicated by Supplier.
- Assembly, erection and installation at site to be carried out by Supplier.













