



Page 1 of 4

**EQUIPMENTS: TWO SECTION (OPEN TYPE) OPERATOR
DESK (2 m)**

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| <u>TITLE</u> PURCHASE SPECIFICATION HMI OPERATOR DESK (2 m) FOR FARAKKA STAGE –I (3X200MW) | Dept Code 404 | DRN. | NAME | SIGN | DATE |
| | | PREPARED | HARITEJA N | | 17.10.2018 |
| | | CHECKED | BIRENDER NATH SHARMA | | 17.10.2018 |
| | | APPROVED | D PRAKASH | | 17.10.2018 |


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| | | | <div>REV No. : 00</div> | | | | | |
| | | | <div>Page 2 of 4</div> | | | | | |
| <div><div><div><div><div></div><div>COPYRIGHT AND CONFIDENTIAL</div><div>The information contained in this document is the property of BHARAT HEAVY ELECTRICALS LIMITED</div><div>This must not be used directly or indirectly, in any manner detrimental to the interest of the company</div></div></div></div></div> | | <div>REVISION HISTORY SHEET</div> | | | | | | |
| | | <div>REV No.</div> | <div>DATE</div> | <div>NATURE OF CHANGE</div> | <div>REASON</div> | <div>PREPARED BY</div> | <div>CHECKED BY</div> | <div>REVIEWED BY</div> |
| | | <div>00</div> | <div>17.10.2018</div> | <div>FIRST ISSUE</div> | <div>---</div> | <div>HN</div> | <div>BNS</div> | <div>DP</div> |
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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.

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| |  A4-10 | PURCHASE SPECIFICATION HMI TWO SECTION (OPEN TYPE) OPERATOR DESK (2 m) FOR FARAKKA STAGE –I (3X200MW) | | PS/404/2784 |
| | | | | REV No. : 00 |
| | | | | Page 4 of 4 |
| <u>SECTION 2 – GENERAL SPECIFICATIONS</u> | | | | |
| COPYRIGHT AND CONFIDENTIAL The information contained in this document is the property of BHARAT HEAVY ELECTRICALS LIMITED This must not be used directly or indirectly, in any manner detrimental to the interest of the company | Sl. No. | Specification | Supplier's Remark | |
| | 1 | 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 color to be applied OR powder coated with epoxy paint. Exact color and shade of components will be specified at the time of Order placement. Minimum thickness for Aluminum Sheets: is 30 microns. For MS Components: is 65 microns | | |
| | 2 | Along with offer detailed drawings showing sectional view, top view, front view, and rear view of desks and tables, electrical wiring diagram with bill of materials for each item, and images and/or catalogue of computer chairs. | | |
| | 3 | Documents to be submitted for manufacturing approval: <ul style="list-style-type: none"> ▪ Detailed OGA with front view, top view, rear view, sectional view, and floor cut-out details for desks and tables. ▪ Electrical Wiring Diagram with BOM of HMI operator desk, draw-out consoles, synchroscope, and Two section desk. ▪ Quality Plan ▪ Color Shade options. | | |
| | 4 | Supplier internal Test certificate for dimensions, Visual inspection, paint, HV, IR, electrical functions to be submitted before giving inspection calls to BHEL. | | |
| | 5 | Inspection by BHEL / CUSTOMER at supplier's work. | | |
| | 6 | All items will be directly dispatched to project site from supplier works after obtaining necessary clearance from BHEL. Consignee details will be intimated at the time of placement of PO. | | |
| | 7 | All items shall be packed in complete weather proof packing with sufficient cushioning to avoid transit damage. Suitable pallet shall be provided for handling and transportation | | |
| | 8 | Name Plates with following details are to be provided for each shipping section. <ul style="list-style-type: none"> ▪ Item: As per PO ▪ Project Name / Unit no: As per PO ▪ Customer Name: As per PO ▪ BHEL Order No.: As per PO ▪ Date of dispatch to site: As per PO | | |
| | 9 | Assembly, erection and installation, including laying of power cables, keyboard, mouse and monitor extender cables, termination of the cables, at site to be carried out by supplier. Offer to include charges for same along with necessary touch up etc. | | |
| | 10 | Modifications as per site requirements to be done on free of cost to match with floor opening for cables. Site work for aligning and matching the curvature of desk as shown in enclosed drawing is under supplier scope. | | |
| 11 | Warranty: Offer to include "Two years warranty at site" for all items against manufacturing defects from date of supply. Warranty to include all costs towards material, labor, to fro, traveling, accommodation and stay etc. Exact location of the project site will be intimated at the time of PO. | | | |
| <p>Note: Supplier is required to submit the filled, signed and stamped copy of this specification along with the offer, failing which offer is liable for rejection.</p> <p>Annexures: DRAWING I – HMI TWO SECTION (OPEN TYPE) OPERATOR DESK (2 m) drawing</p> | | | | |

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SIGN. & DATE

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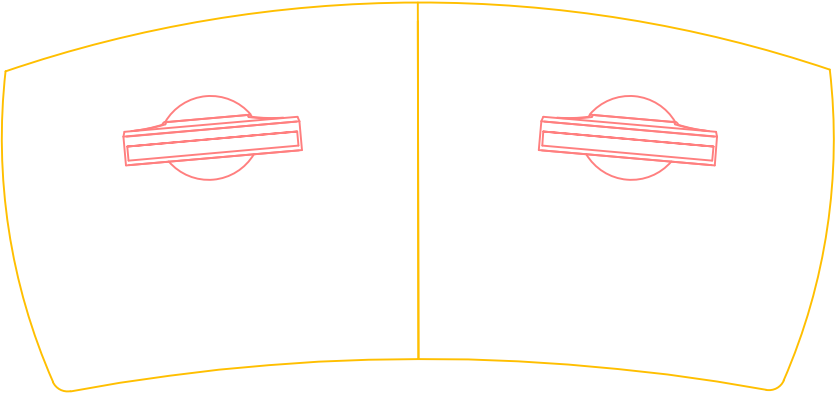
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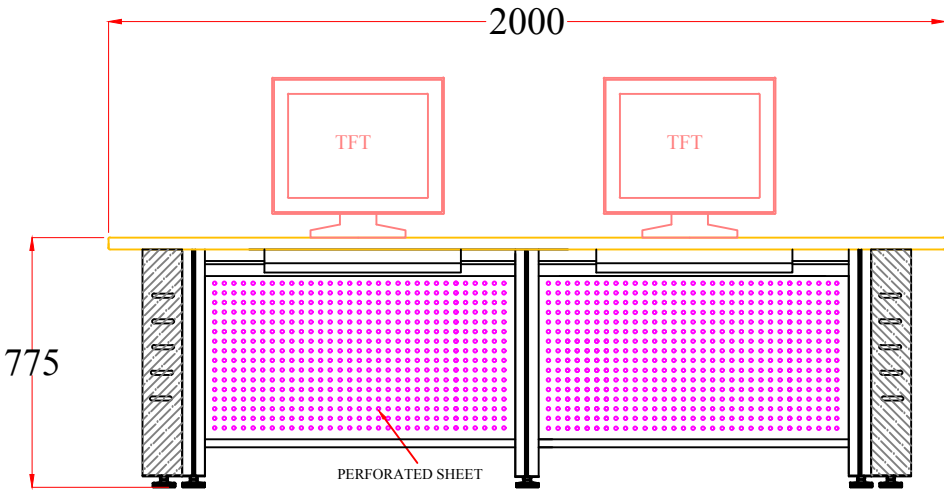
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DRAWING-I

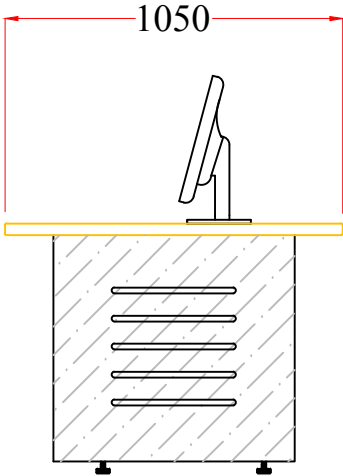
UNIT INCHARGE DESK / CONTROL DESK OF 2 mtrs



TOP VIEW



FRONT VIEW



SIDE VIEW

NOTES :

- 1) THE TOP SURFACE OF CONTROL DESK SHALL BE 30MM THICK WITH THE TOP 12MM OF ACRYLIC SOLID SURFACE AND THE REMAINING 18MM OF LAMINATED MEDIUM DENSITY .
- 2) COLOR OF TABLE TOP : AS PER APPROVAL.
- 3) FOOT, CANTILEVER, BEAMS, CABLE MANAGERS TO BE MADE OF EXTRUDE/CAST ALUMINIUM/CRCA LAMINATED STEEL, SUPPORT LEGS & HORIZONTAL SUPPORTS (IF REQUIRED) BELOW WORK SURFACE TO BE OF MINIMUM 2.0MM THICK. SUITABLE DIE/CAST/EXTRUDED ALUMINIUM/CRCA LAMINATED STEEL.
- 4) ALL ALUMINUM EXTRUSIONS WILL BE POWDER COATED IN ALUMINUM GREY
- 5) PAINT SHADE : AS PER APPROVAL
- 6) DIMENSIONS ARE INDICATIVE AND SUBJECT TO CHANGE BASED ON MODEL/SUPPLIER AVAILABILITY.

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PRODUCT : FARAKKA STG-I (3x200 MW)
CUSTOMER: M/s NTPC

BHARAT HEAVY ELECTRICALS LIMITED.
ELECTRONICS DIVISION, BANGALORE

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| TITLE: | | No. OF SHEETS | 08 |
| | | SHEET No. | 05 |
| WBS. No. | CE/1430-SH1-56-01 | | DRG. No. |
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| | | APPROVED | | | APPROVED | | | | |
| | | | | | | DRAWN | S.H.K | | 14-08-2018 |
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DEPT.
ENGG

CODE
404

