

**PURCHASE SPECIFICATION**

**FOR**

**CONTROL SWITCHES  
FOR DRILLER'S CONSOLE**

**FOR**

**OIL RIG APPLICATION**



**SPECIFICATION NO : OR12432**  
**REVISION NO : REV 00**  
**DATE OF REVISION : 11.5.11**

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## **Specification for Program Control Switches for D'Con**

### **01. Introduction**

This specification covers the requirement of various program control switches and contact blocks for driller's console for oil rig application.

These control program switches control the overall drilling assignments at the time of drilling. As the Driller console operates in hazardous area classified as class-1, zone – I, Gas group IIA & IIB area, the construction of these switches should ensure safe working. Also the design of these switches has to be rugged enough to operate very reliably in high operating temperature conditions, Rainy atmosphere & high vibration levels as applicable to Drilling Oil Rigs. These switches are oil tight to prevent any ingress of oil or gas to avoid malfunctioning of the switches.

### **02. Description of Various Control Switches**

Based on above, the requirement is for M/s Westinghouse make (Now Homewood Sales Corporation-USA) control switches & contact blocks as following:

<b>Item No</b>	<b>Item Description</b>	<b>Part No/ Model No</b>	<b>BHEL Style code</b>
Item 01	3 POSITION SELECTOR SWITCH TYPE OT2S6W OF M/S WESTINGHOUSE (NOW HOMEWOOD SALES CORPORATION)	OT2S6W	BP9048093082
Item 02	2 POSITION SELECTOR SWITCH TYPE OT2S1W OF M/S WESTINGHOUSE (NOW HOMEWOOD SALES CORPORATION)	OT2S1W	BP9048093090
Item 03	2NC CONTACT BLOCK TYPE OT2N OF M/S WESTINGHOUSE (NOW HOMEWOOD SALES CORPORATION)	OT2N	BP9048093066
Item 04	2NO CONTACT BLOCK TYPE OT2M OF M/S WESTINGHOUSE (NOW HOMEWOOD SALES CORPORATION)	OT2M	BP9048093074

**03. General terms & Condition**

1. Supplier to ensure supply of three sets following documentation for each item along with supply.
  1. Maintenance/Operation Manuals
  2. Test & Guarantee Certificate
  3. Dimensional drawings with mounting instruction/details
2. All the items to be supplied as per delivery mentioned in delivery schedule. However, the delivery schedule, Ex-works, shall not be more than 10-12 weeks from the Letter of intent or Purchase Order whichever is earlier.
3. Ex-works FOB price to be quoted for each item.
4. Packing: The equipment shall be fully tropicalised inhibited and packed in sea worthy packing and should be capable of withstanding in sea freight conditions up to 55 degree C and 100% humidity. Spare items shall also be suitably packed for sea freight.
5. Supplier to provide warranty of 18 months from date of supply or 12 months from the date of commissioning against failure of any item/system due to design/manufacturing deficiencies/quality lapses.
6. All other terms & conditions shall be as per standard BHEL terms & conditions.