



HINDUSTAN AERONAUTICS LIMITED
 AEROSPACE DIVISION, BANGALORE COMPLEX,
 POST BAG NO: 7502, NEW THIPPASANDRA POST,
 BANGALORE-560 075

Telephone: +91 080 22323064 / 22315523
 Email – imm.aerospace@hal-india.com

Fax: +91 080 22312603

CORRIGENDUM NO.3

Tender No. ASD/IMM/CAP/M/131/HK1

‘THERMO VACUUM FURNACE (QTY: 1 No)’

FOR	READ
CORRIGENDUM NO.3	
FOR ‘CLAUSE NO. 2.5.1 DETAILS OF VACUUM CHAMBER-VACUUM CHAMBER-01’:	
LIFTING LUGS “.....”. A LOADING PLATFORM(CART MOUNT WITH CASTOR WHEELS) MADE OUT OF SS MATERIAL SHOULD BE FIXED AT THE BOTTOM OF THE VACUUM CHAMBER. THE MAXIMUM LOAD ON THE PLATFORM WILL BE 1500 KG (MAX.).	SHALL BE READ AS ‘LIFTING LUGS “.....”. A LOADING PLATFORM MADE OUT OF SS MATERIAL SHOULD BE FIXED AT THE BOTTOM OF THE VACUUM CHAMBER. THE MAXIMUM LOAD ON THE PLATFORM WILL BE 1500 KG (MAX.). NOTE:- LOADING PLATFORM IS A BED FOR POSITIONING THE ARTICLE IN THE CHAMBER’.
FOR ‘CLAUSE NO. 2.5.3 .I.A TECHNICAL SPECIFICATION OF CONTROL VALVE’ (WHEREVER MENTIONED):	
PATTERN: GLOBE	SHALL BE READ AS ‘GLOBE(MAKE SAMSON AG/AUDCO/UV INTERNATIONAL) /BUTTERFLY/GATE OF VAT/MDC MAKE ’
FOR ‘CLAUSE NO. 2.5.4 .I.D.TECHNICAL SPECIFICATION OF PNEUMATICALLY ACTUATED VALVES OR WHEREVER MENTIONED	
PATTERN: ELECTRO PNEUMATIC ON / OFF BALL VALVE	SHALL BE READ AS ‘ELECTRO PNEUMATIC ON / OFF GLOBE(MAKE SAMSON AG/AUDCO/UV INTERNATIONAL) /BUTTERFLY/GATE OF VAT/MDC MAKE ’
FOR ‘CLAUSE NO. 2.6.3.1. VACUUM PRESSURE MEASUREMENT’	
VACUUM PRESSURE MEASUREMENT USING SMART TRANSMITTERS OF RANGE 1-1X10 ⁻⁷ mbar TO MEASURE THE PRESSURE INSIDE VACUUM CHAMBER (2 NOS.) AND PUMP PRESSURE (1 NO.) USING PIRANI GAUGE (MAKE EDWARDS/PFEIFFER/ EQUIVALENT) OF RANGE 1000 mbar TO 10 ⁻⁷ mbar ARE TO BE PROVIDED. TYPE: SMART VACUUM PRESSURE TRANSMITTER (CAPACITANCE TYPE)	SHALL BE READ AS ‘VACUUM PRESSURE MEASUREMENT USING SMART TRANSMITTERS FROM ATMOSPHERE TO 1X10 ⁻⁴ mbar, PIRANI GAUGE TO BE USED. FOR VACUUM PRESSURE MEASUREMENT UPTO 1X10 ⁻⁹ mbar, PENNY GAUGE/FULL RANGE GAUGE TO BE USED. FOR VACUUM PRESSURE UPTO 1X10 ⁻⁵ mbar, CAPACITANCE TYPE TRANSMITTER TO BE USED. (MAKE EDWARDS/PFEIFFER/ EQUIVALENT) ‘
CLAUSE NO. 2.6.6 . VII.B. OPERATOR STATION, CONTROL SYSTEM (FOR VERTICAL MOUNT CHAMBER ONLY):	

PROCESSOR:INTEL PENTIUM CORE2 DUO PROCESSOR.	SHALL BE READ AS 'STAND ALONE SYSTEM WITH THE LATEST CONFIGURATION AVAILABLE IN MARKET TO BE SUPPLIED. PREFERABLY WITH I7 PROCESSOR OR LATEST AND LATEST OPERATING SYSTEM AND SUITABLE RAM WITH 1 TB HARD DISK'.
CLAUSE NO. 2.7. A. HEATER ELEMENTS, ELECTRICAL	
IR LAMPS (MAKE: M/S. OSRAM GMBH/PHILIPS OF 500 W EACH) DISTRIBUTED IN ALL 3 PHASE MODEL NO. 405030004150 PART NO. OSRAM	SHALL BE READ AS 'IR LAMPS (MAKE: M/S. OSRAM GMBH/PHILIPS OF 500 W EACH) DISTRIBUTED IN ALL 3 PHASE'.
CLAUSE NO. 2.9.2.C. INTEGRATED SYSTEM LEVEL TEST	
A SPECIMEN IS TO BE HEATED TO TEMPERATURE OF 200° C WITHIN THE DURATION OF 25 MINUTES.	SHALL BE READ AS 'A SPECIMEN IS TO BE HEATED TO TEMPERATURE OF 200° C WITHIN THE DURATION OF 45 MINUTES TO 1HOUR'.
CLAUSE NO. 2.12. I.SPARES	
ROUTINE MAINTENANCE KIT FOR GV600M PUMP	SHALL BE READ AS 'ROUTINE MAINTENANCE KIT FOR ROTARY PUMP USED/OFFERED'.
CONDITIONS OF TENDER (INDIGENOUS) & CONDITIONS OF TENDER (FOREIGN):	
Last Date & Time for submission of Tender: 30.01.2018 14:00 Hrs Bid Opening Date: 31.01.2018 13:00 Hrs	Last Date & Time for submission of Tender: 08.02.2018 14:00 Hrs Bid Opening Date: 09.02.2018 13:00 Hrs

All other terms & conditions of the subject tender will remain unaltered.

Sd/-
DEPUTY GENERAL MANAGER (IMM), AEROSPACE DIVISION
HINDUSTAN AERONAUTICS LIMITED