



BHARAT HEAVY ELECTRICALS LTD.
 (A GOVT. OF INDIA UNDERTAKING)
 P.O BHEL Jhansi - 284129, INDIA
 Tel.:0510-277001/2412260 Fax: 2412120
 Email : mmx@bheljhs.co.in

JSC140/M2053

PURCHASE ENQUIRY

ENQ NO/DT: **E6450023** 22/07/15
 REV NO/DT: **1** 18/12/15

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M/s P80550 PRESS TENDER ENQUIRY
 DUMMY CODE GIVEN FOR PRESS TENDER
 ENQUIRIES ONLY.
 JHANSI
 NA FOR FOREIGN SUPPLIER INDIA
 TIN NO :

OUR ABOVE ENQUIRY OF PREVIOUS REV & DATE IS AMENDED WITH
 FOLLOWING CHANGED / ADDED ITEMS.

Enqr Due on:	15-01-16 FRIDAY
Close at:	13:15 Open at:14:00
Matcat:	644310 "SPARE TEMP. INDI. /
Validity:	90 days from Technical bid opening date
ITEM:	
TOP:	60 Days after receipt & acceptance of Material
RA:	RA not applicable
Eval.	Item wise

REQUIRED: TEST CERT/ GUARANTEE CERT/
 CONFORMANCE CERT

Bid Type:	TWO BID	Delivery:	FOR Jhansi
Tot Item:	6	E-Proc:	No

ITEM NO : 1
 MATL CODE : JS8211781320
 DESTINATION: JS

PSL QTY/UM: 24.00 NO
 PO QTY /UM:

DESCRIPTION	DELIVERY	QUANTITY(PSL UM)
SPARES FOR PROCESS OVENS AND VACUUM DRYING VESSELS DIGITAL TEMPRATURE/PROCESS INDICATOR CONTROLLER INPUT TYPE :UNIVERSAL TYPE (THERMOC OUPLE,PT-100,0/4-20mA)USER PROGRAMMABLE RANGE : 0 TO 1200 DEG. CEN. (USER PROGRAMMABLE) RESOLUTION : 1 (FOR TC) 0.1,1 (FOR PT-100) 0.001,0.01,0.1,1 (FOR LINEAR INPUT) ACCURACY:THERMOCOUPLE (0.25 % OF FU LL SCALE) RTD (0.1 % OF FULL SCALE) LINEAR INPUT (+/-5 EU) DISPLAY : Upper : 4 digit, 7 segment, red LED display (14.2 MM) Lower : 4 digit, 7 segment,green LED display (14.2 MM) POWER INPUT :85 TO 265 VAC, 50/60 Hz (SMPS) SET POINT : 2 SET POINT INDEPENDEN TLY PROGRAMMABLE HYSTERESIS :0.1 TO 99.9 DEG. CEN. CONTROL FUNCTION : RELAY-1 :ON/OFF,TIME PROPORTIONAL CONTROL RELAY-2 :ON/OFF CONTROL RELAY O/P : 5 AMP/ 230 V AC (NO-C-NC) TRANSMITTER SUPPLY:24VDC DIMENSION : 96 X 96 X 100 MM KEYBOARD : TACTILE 3 KEYS POWER : 3 WATT MAX.	FEB-16	24.00



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ITEM NO : 2	PSL QTY/UM: 12.00 NO
MATL CODE : JS8211781310	PO QTY /UM:
DESTINATION: JS	

DESCRIPTION	DELIVERY	QUANTITY (PSL UM)
SPARES FOR PROCESS PLANTS AND VACUUM DRYING VESSEL DIGITAL PROCESS INDICATOR AND CONTROLLER NO. OF INPUTS : 2 NOS.(DUAL INPUT) INPUT TYPE : UNIVERSAL TYPE PROGRA MMABLE Thermocouple : E,J,K, ETC. RTD : Pt100, 3-wire Current : 0-20 mA, 4-20 mA, RANGE : TEMPRATURE : 0 TO 1200 DEG. CEN. PROGRAMMABLE AS PER SELECTION FOR LINEAR I/P : -1999 TO 9999 EU ACCURACIES : THERMOCOUPLES : +/-0.1% OF SPAN +/- 1 DIGIT RTD INPUT : +/-0.1% OF SPAN +/- 1 DIGIT CURRENT/VOLTAGE : +/-0.1% OF SPAN +/- 1 DIGIT RESOLUTION : 0.01,0.1,1 FOR LINEAR INPUT 0.1,1 FOR TEMPRATURE POWER INPUT:85 TO 265 VAC,50/60Hz SMPS TYPE SET POINT : FULL RANGE NO. OF SET POINT : 2 NOS., INDEPEND ENTLY SETTABLE HYSTERESIS : 0 TO 25 % OF SPAN CONTACT : 1 POTENTIAL FREE RELAY CH ANGE OVER CONTACT FOR EACH ALARM CONTACT (6 AMP/ 230 V AC WITH RESISTIVE LOAD) PANEL CUTOUT : 92 X 92 MM DISPLAY : PROCESS VARIABLE : UPPER-4 DIGIT, 7 SEGMENT 14.2 MM RED LED DISPLAY DISPLAY SETPOINT : LOWER-4 DIGIT, 7 SEGMENT 14.2 MM GREEN LED DISPLAY DIGIT AND LED FOR RELAY STATUS SENSOR SUPPLY: 24 V DC, SHORT CIRCU IT PROOF RETRANSMISSION O/P : 4 T 20 mA POWER CONSUMPTION : 4 WATT MAX.	FEB-16	12.00

ITEM NO : 3	PSL QTY/UM: 6.00 NO
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MATL CODE : JS8211781440 PO QTY /UM:
 DESTINATION: JS

DESCRIPTION	DELIVERY	QUANTITY(PSL UM)
SPARES FOR PROCESS PLANTS AND HEATING OVENS 5 DIGIT PROCESS INDI/CONTROLLER INPUTS:0-20 mA, 4-20 mA, 0-5 V, 1-5 V, 0-10 V USER SLECTABLE RANGE: -19999 TO +99999 RESOLUTION: 0.0001 TO 1 ACCURACY: 0.1% OF SPAN TYPICAL 0.2% OF SPAN MAXIMUM INDICATION DISPLAY: UPPER:5 DIGIT 7 SEGMENT (0.56")RED LED PROCESS VALUE DISPLAY LOWER: 5 DIGIT 7 SEGMENT (0.56") GREEN LED SET POINT DISPLAY OUTPUT: NO. OF RELAYS :TWO RELAY CONTACT TYPE/RATING: NO-C-NC, 5 AMP. 230 V AC COMMUNICATION: RS485/MODBUS RTU TRANSMITTER SUPPLY:24 V, 50ma MAX. MOUNTING:IN PANNEL CUTOUT OF 92X92 MM SUPPLY VOLTAGE:85-265 V AC,50/60HZ ALARM LOGIC: FULL SCALE HIGH,FULL S CALE LOW,DEVIATION HIGH, DEVIATION LOW,BAND IN , BAND OUT.	FEB-16	6.00

ITEM NO : 4 PSL QTY/UM: 50.00 NO
 MATL CODE : JS8211781090 PO QTY /UM:
 DESTINATION: JS

DESCRIPTION	DELIVERY	QUANTITY(PSL UM)
SPARES FOR FOR PROCESS PLANTS AND HEATING OVENS RTD SENSOR TYPE: Pt-100, 3 WIRE AS PER IEC 751 ACCURACY: CLASS B (+/- 0.3 AT 0DEG. CEN. AND +/- 0.8 DEG CEN AT 100 DEG CEN. NO. OF CIRCUITS: ONE(SIMPLEX) SHEATH DIA: 6 MM SHEATH LENGTH: 300 MM SHEATH MATERIAL : SS316 PROCESS CONNECTION: 1/2" BSP (M), ADJUSTABLE COMPRESSION FITTING PROCESS CONNECTION MATERIAL:SS304 TIP RATING: 0 TO 250 DEG DEN. TERMINATION: TRANSITION JOINT	FEB-16	50.00



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CABLE LENGTH: 1 MTR.
 CABLE TYPE: PTFE/PTFE

ITEM NO : 5 PSL QTY/UM: 200.00 MR
 MATL CODE : JS8211781370 PO QTY /UM:
 DESTINATION: JS

DESCRIPTION	DELIVERY	QUANTITY (PSL UM)
SPARES FOR PROCESS PLANTS AND HEATING OVENS COMPENSATING CABLE - Pt-100 TYPE: COPPER CABLE NO. OF CORES: THREE CONDUCTOR SIZE: 14/36 SWG CONDUCTOR MATERIAL: SILVER PLATED COPPER INSULATION: PTFE/PTFE COLOR CODE: RED/WHITE/WHITE OVERALL GREY	FEB-16	200.00

ITEM NO : 6 PSL QTY/UM: 200.00 MR
 MATL CODE : JS8211781430 PO QTY /UM:
 DESTINATION: JS

DESCRIPTION	DELIVERY	QUANTITY (PSL UM)
SPARES FOR PROCESS PLANTS AND HEATING OVENS COMPENSATING CABLE - Pt-100 TYPE: COPPER CABLE NO. OF CORES: THREE CONDUCTOR SIZE: 7/36 SWG CONDUCTOR MATERIAL: SILVER PLATED COPPER INSULATION: INDIVIDUALLY AS WELL AS OVERALL PTFE TAPED COLOR CODE: RED/WHITE/WHITE OVERALL GREY	FEB-16	200.00

SPECIAL REMARKS:

OUR CONTACT DETAILS ARE AS UNDER
 DIRECT FAX NO IS 0510-2412120 / 2770161.
 PHONE NO. 0510-2412756 / 2412320 / MOB-09453039769.
 E-MAIL : mupadhyaya@bheljhs.co.in & rahulkm@bheljhs.co.in

ENQUIRY REMARKS:-

- MANDATORY ANNEXURE TO BE SUBMITTED ALONG WITH OFFER DULY FILLED WITH SIGNED AND SEALED.
- VENDOR TO SUBMIT OFFERS IN TWO BID. OFFERS RECEIVED IN SINGLE BID MAY NOT BE CONSIDERED. VENDOR ARE REQUESTED KINDLY FURNISH CLAUSE WISE COMMENTS ON ALL ENQUIRY CLAUSES. IF ANY VENDOR NOT COMMENTED IN THIS SITUATION IT WILL BE ASSUMED THAT ALL ENQUIRY CLAUSES ARE ACCEPTED TO THEM.
- VENDOR HAS TO CONFIRM TO SUPPLY ITEM AS PER DESCRIPTION OF ENQUIRY



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- (COMPLETE DESCRIPTION OF ITEM) IN TECHNO COMMERCIAL BID.
- 4- TC, GC AND CONFORMANCE CERTIFICATE WILL BE PROVIDED (ALONG WITH SUPPLY).
 - 5- DELIVERY TERMS:
 - I- RATES ARE TO BE QUOTED F.O.R. BHEL JHANSI (INCLUSIVE OF FREIGHT & INSURANCE CHARGES).
 - II- IF RATES ARE EX-WORKS, AMOUNT OF FREIGHT & INSURANCE IS TO BE MENTIONED IN TECHNICAL BID TO DELIVER MATERIAL AT BHEL JHANSI.
 - III- IN CASE OF NON-ACCEPTABLE OF ABOVE AND LOADING SHALL BE DONE AS PER OUR PURCHASE POLICY I.E. 2% DISTANCE ABOVE 500 KM AND 1% (BELOW 500 KM) AND 0.07% LOADING SHALL BE DONE FOR INSURANCE.
 - 6- VALIDITY - QUOTED PRICES ARE VALID FOR 90 DAYS FROM DATE OF TENDER OPENING.
 - 7- WARRANTY - WARRANTY SHALL BE 18 MONTHS FROM THE DATE OF COMMISSIONING OR 24 MONTHS DATE OF SUPPLY WHICHEVER IS EARLIER. IN CASE NON ACCEPTANCE OF THIS WARRANTY CLAUSE THE LOADING OF 2.5% PER YEAR I.E. @ 0.208% PER MONTH SHALL BE DONE TO ARRIVE L1 STATUS.
 - 8- LIQUIDATED DAMAGE/PENALTY - FAILURE TO SUPPLY BY THE TIME SPECIFIED IN THE ORDER WILL MAKE THE SUPPLIER LIABLE TO PAY UNCONDITIONAL PENALTY OF 0.5 % OF THE PRICE OF THE GOODS IN ARREAR (DELAYED AND NOT SUPPLIED) PER WEEK SUBJECT TO A MAXIMUM OF 10% OF THE ORDER VALUE. IN CASE OF NON ACCEPTANCE OF BHEL L/D CLAUSE THE SUITABLE LOADING UP TO 10% SHALL BE DONE ON SUPPLIERS QUOTED RATE TO ARRIVE THE L-1 STATUS.
 - 9- TERMS OF PAYMENT :
 - I- 100% PAYMENT AFTER 60 DAYS OF RECEIPT AND ACCEPTANCE OF MATERIAL AT BHEL WORKS.
 - II- PAYMENT TERMS MSMED ARE ALSO ACCEPTABLE PROVIDED VENDOR HAS TO SUBMIT MSMED LATEST CERTIFICATE.
 - III- ANY OTHER PAYMENT TERMS WILL BE LOADED FOR DEVIATION PERIOD AS PER FORMULA GIVEN BELOW
 - A- FOR DOCUMENTS THROUGH BANK/COD (CASH ON DELIVERY i.e. AGAINST DRS) : FOR 75 DAYS @ (BASE RATE OF SBI ON ENQUIRY DUE DATE + 6%) PER ANNUM.
 - IV- ADVANCE OR PRIOR TO DISPATCH OR LC OR CAD PAYMENT TERMS WILL NOT BE ACCEPTED AND IF QUOTED OFFER WILL BE REJECTED.
 - 10- VENDOR HAS TO MENTION THEIR CONTACT NUMBER, NAME OF CONTACT PERSON, MAIL ID AND FAX NUMBER, IN THEIR OFFER.
 - 11- IN CASE THE BIDDER HAS NOT SUBMITTED PAN NO, TIN NO AND E MAIL ID, THE BIDDER HAS TO SUBMIT THE SAME ALONG WITH A COPY OF PAN NO AND TIN NO. ELSE, ITS OFFER IS LIABLE TO BE REJECTED.
 - 12- THE INSPECTION SHALL BE DONE BY BHEL AT BHEL AFTER RECEIPT OF MATERIAL. IF YOU HAVE NOT ACCEPTED OUR INSPECTION TERM, THEN LOADING OF 0.165% ON YOUR QUOTED RATE WILL BE DONE.
 - 13- ALL THE TAXES AND DUTIES APPLICABLE ARE TO BE MENTIONED.
 - 14- TENDER SHOULD BE SUBMITTED IN DOUBLE COVER UNDER TWO PART BID DEPICTED BELOW :-
 - I- THE OUTER COVER SHOULD ONLY BEAR THE ADDRESS OF THIS OFFICE AND SHOULD NOT HAVE ANY INDICATION THAT A TENDER IS WITHIN:

TO,

SR. DGM (MM)
MATERIAL MANAGEMENT DEPARTMENT
ADMINISTRATIVE BUILDING
P.O. - BHEL, JHANSI (UP)
PIN - 284129

- II- THE TWO INNER COVERS SHALL CONTAIN THE TECHNO COMMERCIAL BID IN ONE AND THE PRICE BID IN ANOTHER. EACH COVER SHALL BE SUPERSCRIBED WITH THE BIDDER'S NAME, ADDRESS, TENDER NUMBER AND DUE DATE ON THE RESPECTIVE COVERS AS SHOWN BELOW :-

TECHNO-COMMERCIAL BID COVER (PART- I)



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TO,
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MATERIAL MANAGEMENT DEPARTMENT
ADMINISTRATIVE BUILDING
P.O. - BHEL, JHANSI (UP)
PIN - 284129

PRICE BID COVER (PART-II)
TENDER NO. _____ DUE ON _____

TO,
SR. DGM (MM)
MATERIAL MANAGEMENT DEPARTMENT
ADMINISTRATIVE BUILDING
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III- THE TENDERS DULY FILLED IN AND COMPLETE IN ALL RESPECTS TO BE DROPPED IN THE TENDER BOX LOCATED AT CISF GATE OF OUR ADMINISTRATIVE BUILDING TILL 13.15 HRS ON THE TENDER OPENING DATE AS NOTED IN THE COVERING LETTER.

IV- ALL THE "TECHNO COMMERCIAL BID" TENDER RECEIVED SHALL BE OPENED FROM 1400 HRS IN THE TENDER ROOM LOCATED IN ADMINISTRATIVE BUILDING ON THE TENDER OPENING DATE IN PRESENCE OF BIDDERS OR THEIR REPRESENTATIVES AS MAY BE PRESENT.

V- BIDDERS ARE ADVISED TO NOTE & STRICTLY FOLLOW THE TIME SCHEDULES AS NOTED AT PRECEDING PARA'S ABOVE TO AVOID INCONVENIENCE LATER AND POSSIBILITY OF NON ACCEPTANCE OF TENDER BY BHEL.

15- ORDER TO BE PLACED ON OVERALL L1-PACKAGE BASIS.

16- SUPPLIERS HAS TO SUBMIT DETAILED TECHNICAL LITRATURE/BROCHURES OF THE QOUTED INSTRUMENTS WITH THIER OFFERS

17- VENDOR TO CONFIRM ALL THE CLAUSE OF THE ENQUIRY IN THEIR TECHNICAL BID. COPY OF BLANK PRICE BID TO BE SUBMITTED WITH TECHNICAL BID.

18- ORDER TO BE PLACED ON OVRALL L1- PACKAGE BASIS.

19- PLEASE SUBMITT DETAILED TECHNICAL LITRATURE/ BROCHURES OF THE QUOTED INSTRUMENTS WITH THIER OFFER.

20- VENDORS TO CONFIRM ALL THE GENERAL TERMS AND CONDITION OF THE ENQUIRY IN THE TECHNICAL BID.

21- ALL OTHER TERMS AND CONDITION UNLESS OTHERWISE SPECIFIED AND DIRECTED ARE AS PER GENERAL TERMS & CONDITION OF PURCHASE ENQUIRY.

22- REV.01 IS BEING ISSUED FOR RE ENQUIRY.

THE QUOTATION MUST BE SEALED AND BE SENT IN DOUBLE ENVELOPE.

THE INNER ENVELOPE SHOULD BEAR ENQUIRY NUMBER & DUE DATE AT THE TOP.

In case the bidder has not submitted PAN No, TIN No. and E-mail ID, the bidder has to submit the same along with the copy of PAN No and TIN No. Else his offer will be liable to be rejected.

If you are not in a position to quote due to any reason, you must send regret letter titled enquiry no. etc, failing which you may not be considered for sending future enquiries.

ENCLOSERS:



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FOR AND ON BEHALF OF
BHARAT HEAVY ELECTRICALS LTD

MANOJ UPADHYAYA
18/12/15
MANOJ UPADHYAYA
MANAGER (MMX)

Email:-mupadhyaya@bheljhs.co.in

***** END OF PURCHASE ENQUIRY*****

NOTE :

- * SUPPLIERS ARE REQUESTED TO INFORM US WITH VALID CERTIFICATE, IF THEY ARE REGISTERED UNDER MSMED ACT'2006. (APPLICABLE FOR INDIAN SUPPLIERS ONLY).
- * FOR SUPPLIERS SUPPLYING FROM OUTSIDE THE LOCAL AREA OF BHEL JHANSI, ENTRY TAX WILL BE APPLICABLE. SUPPLIERS SHOULD NECESSARILY INDICATE RATE OF ENTRY TAX SEPARATELY WHEREVER APPLICABLE. THEY SHOULD ALSO MENTION THE ENTRY TAX CHARGED SEPARATELY IN THE INVOICE.
- * FOR SUPPLIERS SUPPLYING FROM OUTSIDE UP, IN CASE THE OFFER IS SILENT ON ENTRY TAX, IT SHALL BE LOADED SUITABLY WITH THE APPLICABLE RATES
- * IN CASE IF THERE IS ANY DIFFERENCE BETWEEN THE 'SPECIAL REMARKS/ANNEXURES' OF THE ENQUIRY AND THE PREPRINTED TERMS & CONDITIONS (REF JSC140/M2053), THE REQUIREMENT GIVEN IN REMARKS WILL PREVAIL.



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