



Bharat Heavy Electricals Limited

Heavy Equipment Repair Plant

Tarna Shivpur Varanasi-221003

website: <https://herp.bhel.com>

Enquiry Number : **E-312-24-0027-93-1** Date : **05/Oct/2024**

Enquiry For Material :-

SI No	Material Description	Material Code	Quantity	Unit
1	VALVE CONE (HW-165.47)-- MACHINING AND STELLITING AS PER DRG. 11132201002 REV.11 SCRAP WT : 280.25 KG per No.	HW-165.47	1.0	NOS
2	VALVE SEAT (HW-169.109) -- MACHINING AND STELLITING AS PER DRG. 41132001003 REV.01 SCRAP WT : 2.28 KG per No.	HW-169.109	1.0	NOS
3	VALVE SPINDLE VAR.00 (HW-169.112) -- MACHINING AND STELLITING AS PER DRG. 21132201003 REV.06 SCRAP WT : 34.675 KG per No.	HW-169.112	1.0	NOS
4	VALVE CONE (HW-172.71) - MACHINING AND STELLITING AS PER DRG. 31120201002 REV.01 SCRAP WT : 14.63 KG per No.	HW-172.71	1.0	NOS
5	BUSH (AS PER DRG.) (HW-174.83) -- MACHINING AND STELLITING AS PER DRG. 41132201005 REV.02 SCRAP WT : 10.668 KG per No.	HW-174.83	2.0	NOS
6	VALVE SPINDLE VAR.00/VAR.01 (HW-187.159) -- MACHINING AND STELLITING AS PER DRG. 21230101078 REV.10 SCRAP WT : 24.054 KG per No.	HW-187.159	1.0	NOS
7	VALVE SPINDLE VAR.00 (HW-355.34) -- MACHINING AND STELLITING AS PER DRG. 11230525002 REV.02 SCRAP WT : 79.8 KG per No.	HW-355.34	1.0	NO

Remarks

(A)SUPPLY CONDITION

1. APPLICABLE ROD/CASTING/FORGING WILL BE ISSUED BY BHEL HREP FREE OF COST AS DETAILS MENTIONED BELOW.

FOR HW-165.47 : ROUGH MACHINED FORGING AS PER DRG. 31132201996 REV.02 WITH MATL. HW19386 REV.03 ;QPA = 1 NOS.

FOR HW-169.109 : ROUGH M/CD FORGING AS PER DRG. HW-169.109.F WITH MATL. HW19386 ;QPA = 1 NOS.

FOR HW-169.112 : ROD DIA-90 ; MATL. HW10683; LENGTH- 1020MM ;QPA = 52 KG.

FOR HW-172.71 : ROUGH MACHINED FORGING AS PER DRG. 31120201997 REV.01 WITH MATL. HW19390 REV.04 , QPA 1 NOS

FOR HW-174.83 : ROUGH M/CD FORGING AS PER DRG. 41132201005.F WITH MATL. HW19386 REV.03 ;QPA = 1 NOS.

FOR HW-187.159 : ROD DIA-80 ;MATL. HW10683, LENGTH- 960MM ;QPA = 38.6 KG.

FOR HW-355.34 : ROUGH MACHINED FORGING AS PER DRG. 21230525999 REV.00 WITH MATL. HW19390 REV.04 ;QPA = 1 NOS.

COMPLETE STELLITING AND MACHINING TO BE CARRIED OUT BY THE PARTY AS PER RESPECTIVE DRAWING. ROD SHALL BE ISSUED IN RUNNING LENGTH.

2. AFTER COMPLETE M/CING AS PER DRG., PARTY HAS TO RETURN THE FINISH AND M/CD ITEM TO BHEL-HERP STORES.

3. PRE DISPATCH INSPECTION SHALL BE CARRIED OUT AT PARTY'S WORKS BY BHEL REPRESENTATIVE AS PER DRAWING AND QP HW/SC/001 REV.01. FOR REVISION OF DRAWING/ STANDARD/ SPECIFICATION, PLEASE REFER THE ATTACHED DOCUMENT NO. "IND202411070", DURING INSPECTION.

(B)TECHNICAL DELIVERY CONDITION

1. PRESTELLITE MACHINING, STRESS RELIEVING ,STELLITTING AND POST STELLITING M/CING TO BE DONE AS PER DRG. STELLITTING TO BE DONE BY USING MATERIAL AS PER MENTIONED IN THE DRG. 100% STELLITE DEPOSIT SHALL BE CHECKED FOR DEFECTS BY D.P.TESTING. THERE SHOULD NOT BE ANY POROSITY.

2. DIMENSIONS AND TOLERANCES TO BE MAINTAINED AS PER DRG.

3. ALL TOOLINGS/JIG/FIXTURE/TEMPLATES/GAUGES AND STELLITE CONSUMABLES TO BE ARRANGED BY PARTY.

4. DIMENSION REPORT IS REQUIRED.

5. PARTY WILL TAKE FULL PRECAUTION TO AVOID ANY TYPE OF MIXING OF BHEL MATL. WITH OTHER MATERIAL.

6. ALL THE TECHNICAL REQUIREMENT MENTIONED IN THE DRG. SHOULD BE FOLLOWED AND FULFILLED STRICTLY.

7. PARTY MAY USE EITHER HS75-25 OR STELLITE COATING AS PER FACILITY AVAILABLE WITH VENDOR (AS MENTIONED IN DRAWING).

(C) TEST CERTIFICATE: REQUIRED FOR D.P.TEST AND HARDNESS OF STELLITE DEPOSIT AND CHEMICAL PROPERTIES OF STELLITE MATERIAL.

(D) GUARANTEE/WARRANTY CERTIFICATE: AGAINST ANY MANUFACTURING DEFECT FOR 24 MONTHS.

(E) PACKING INSTRUCTION: ITEM TO BE SUPPLIED IN WOODEN BOX OF 1" THICK PLANK WITH 1.5"X4" BKTS. M/CD SURFACE AND THREADS SHOULD BE PROTECTED PROPERLY WITH IOCL-SERVO RP-330 OR EQUIVALENT OIL TO PREVENT ANY RUSTING DURING TRANSIT AND STORING. EXTERNAL THREAD SHOULD BE PROTECTED BY WRAPPING PLASTIC SLEEVE OR GUNNY BAG. ITEM SHOULD BE COMPLETELY WRAPPED IN POLYTHENE. IDENTIFICATION SHOULD BE DONE AS PER MENTIONED IN THE DRG. ITEM SHOULD BE SUPPLIED IN SUCH A WAY TO AVOID ANY TRANSIT DAMAGE.

(F) DELIVERY SHOULD BE WITHIN 5 MONTHS FROM THE DATE OF RECEIPT OF FREE ISSUE MATERIAL. HOWEVER, EARLY DELIVERY IS ACCEPTABLE.

(G) THE VALIDITY OF THE SUBCONTRACTING PO WILL BE 1.5 YEARS.

(H) THE APPROXIMATE COST OF FREE ISSUE MATL. PER PIECE IS AS GIVEN BELOW:

FOR HW-165.47 : RS. 241864.4

FOR HW-169.109 : RS. 2010/--

FOR HW-169.112 : RS. 14560/--

FOR HW-172.71 RS. 27118.64/--

FOR HW-174.83 : RS. 4160/--

FOR HW-187.159 : RS. 10808/--

FOR HW-355.34 : RS. 233050.85/--

(I) BANK GUARANTEE: THE COST OF BHEL FREE ISSUE MATERIALS PER SET/PER ASSEMBLY AND TOTAL COST OF FIM FOR THE ENQUIRY ARE MENTIONED IN NIT. IN THIS REGARD:

1. (a) PARTY WILL HAVE TO SUBMIT EQUAL AMOUNT OF SECURITY DEPOSIT (IN THE FORM OF 10% BG/FDR/DD/CHEQUE/BANK TRANSFER AND 90% INDEMNITY BOND) TOWARDS THE COST OF BHEL MATERIALS TO BE ISSUED TO THEM BEFORE THE ISSUE OF BHEL MATERIALS TO THEM. AT ANY POINT OF TIME, PROPORTIONATE SECURITY DEPOSIT OF TOTAL/CUMMULATIVE MATERIAL VALUE SHOULD BE MAINTAINED.

(b) IN CASE OF TRIAL/DEVELOPMENTAL ORDER, PARTY WILL HAVE TO SUBMIT 30% BG/FDR/DD/CHEQUE/BANK TRANSFER AND 70% INDEMNITY BOND TOWARDS THE COST OF BHEL FIM.

2. BHEL MAY ASK THE SUPPLIER FOR SUBMISSION OF FULL SECURITY DEPOSIT AMOUNT OR PART DEPENDING UPON THE AVAILABILITY OF FREE ISSUE MATERIALS AT OUR END.

3. PARTY MUST HAVE TO SUBMIT THE SAME WITHIN 02 WEEK TIME FROM THE DATE OF WRITTEN INTIMATION BY BHEL WITHOUT FAIL OTHERWISE IT WOULD TREATED AS FAILURE OF HONOURING PO TERMS AND ACCORDINGLY BHEL MAY CANCEL THE PURCHASE ORDER AND INITIATE ALTERNATE PROCUREMENT ACTION AT SUPPLIER RISK & COST.

4. IN CASE OF ABSENCE OF DESIRED SECURITY DEPOSIT AT BHEL END AND ALSO NON RESPONSE OF POINT NO. 03 AS ABOVE,

I. BHEL MAY HOLD THE PENDING PAYMENTS OF SUPPLIER AVAILABLE AT BHEL ON THEIR CONSENT.

II. IF NO PAYMENT IS PENDING AT BHEL END, ACTION FOR ALTERNATE PROCUREMENT ACTION MAY BE INITIATED.

5. THE FORMAT OF BG AND IB SHALL BE PER ATTACHED ANNEXURE-BG/FIM AND IB-FIM RESPECTIVELY.

(J) TRANSPORTATION CHARGES FOR SENDING BHEL FREE ISSUE MATERIALS (FIM) TO THE PARTY WORKS WILL BE BORNE BY BHEL ONLY. THE FREIGHT CHARGES FOR SENDING THE BHEL FIM FROM HERB STORES TO PARTY'S WORK FOR EACH ITEM WILL BE LOADED AS PER BHEL TRANSPORT CONTRACT AT THE TIME OF TOTAL LANDED COST CALCULATION. HOWEVER, VARANASI/LOCAL BASED VENDORS WILL LIFT THE FIM FROM BHEL STORES AND BORNE ITS TRANSPORTATION CHARGES.

(K) REVERSE AUCTION: BHEL MAY RESORT TO REVERSE AUCTION (RA) (GUIDELINES AS AVAILABLE ON WWW.BHEL.COM) FOR THIS TENDER. RA MAY BE CONDUCTED AMONG ALL THE TECHNO-COMMERCIALLY QUALIFIED BIDDERS. PRICE BIDS OF ALL TECHNO-COMMERCIALLY QUALIFIED BIDDERS SHALL BE OPENED AND SAME SHALL BE CONSIDERED AS INITIAL BIDS OF BIDDERS IF RA IS CONDUCTED. IN CASE ANY BIDDER(S) DO(ES) NOT PARTICIPATE IN ONLINE REVERSE AUCTION, THEIR PRICE BID ALONG WITH APPLICABLE LOADING, IF ANY, SHALL BE CONSIDERED FOR RANKING.

(L) THE OFFERS FROM PMD VENDORS UNDER HOLD CATEGORY AS WELL AS VENDORS BANNED BY BHEL MAY NOT BE

CONSIDERED.

(M) BEING AN OPEN TENDER VENDORS HAVE TO SUBMIT THE DULY FILLED AND SIGNED & STAMPED COPY OF PQR ALONG WITH ALL RELATED DOCUMENTS.

(N) IMPORTANT NOTES REGARDING TERMS & CONDITIONS:

- (i) ALL OTHER TERMS AND CONDITIONS SHALL BE AS PER THE ATTACHED GTC (PARTY HAS TO STRICTLY ADHERE THESE TERMS & CONDITIONS).
- (ii) SPLITTING CLAUSE FOR THIS ENQUIRY IS NOT APPLICABLE.
- (iii) VENDOR MUST QUOTE THE PRICES CONSIDERING THE VALUE OF SCRAP GENERATED AS SCRAP IS TO BE RETAINED BY THE PARTY.
- (iv) TENDER WILL BE EVALUATED ITEM WISE i.e. L-1 WILL BE DECIDED FOR EACH INDIVIDUAL ITEM AND NOT ON TOTALITY BASIS.