



# Bharat Heavy Electricals Limited

## Heavy Equipment Repair Plant

Tarna Shivpur Varanasi-221003

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

Enquiry Number : E-312-24-0519-63-1 Date : 02/Jan/2025

### Enquiry For Material :-

| Sl No | Material Description  | Material Code | Quantity | Unit |
|-------|---|---------------|----------|------|
| 1     | MAIN OIL PUMP ASSEMBLY (HW-354.67) --CONSISTING OF 3 CBOMs-- MOP ASSLY (01160505000/00), IMPELLER ASSLY(11160505500/00) & MOP CASING (01160505200/00) | RV1019432925  | 1.0      | NOS  |

### Remarks

#### (A) SUPPLY CONDITION

1. ITEM TO BE SUPPLIED AT BHEL-HERP STORES.
2. PARTY HAS TO SEND THE QUALITY PLAN FOR APPROVAL BY BHEL HERP BEFORE MANUFACTURING OF ITEM. PRE-DISPATCH INSPECTION WILL BE CARRIED OUT AS PER APPROVED QUALITY PLAN AND DRAWING MENTIONED AGAINST ITEM AT PARTY'S WORKS BY BHEL REPRESENTATIVE. FOR REVISION OF DRAWING/ STANDARD/ SPECIFICATION, PLEASE REFER THE ATTACHED DOCUMENT NO. "IND202411809", DURING INSPECTION.

#### (B) TECHNICAL DELIVERY CONDITION:

1. ITEM TO BE SUPPLIED IN ASSEMBLED CONDITION COMPRISING OF CBOMs 01160505000, 11160505500 & 01160505200. MATL. OF THE INDIVIDUAL ITEMS SHOULD BE AS PER CBOMs.
2. DIMENSIONS AND TOLERANCES OF THE INDIVIDUAL ITEMS TO BE MAINTAINED STRICTLY AS PER PART DRAWINGS.
3. ALL TECH. REQUIREMENTS MENTIONED IN THE DRG./PART DRGS. ARE TO BE FULFILLED AND FOLLOWED STRICTLY.
4. THE FITTING TOLERANCES BETWEEN ASSEMBLED ITEMS SHOULD BE STRICTLY WITHIN THE SPECIFIED RANGE MENTIONED IN THE DRG.
5. DIMENSION REPORT OF ALL INDIVIDUAL ITEMS ARE REQUIRED.
6. SURFACE TREATMENT WHEREVER MENTIONED ( NITRIDING) IN THE DRG.; TO BE CARRIED OUT BY BHEL APPROVED SOURCE AS PER SPECN. 0912.002 MENTIONED IN THE DRG.  
BHEL APPROVED SOURCES FOR SURFACETREATMENT (PMD-STSC-016) ARE;  
1 M/s HEAT TREAT ENTERPRISE AHMEDABAD  
2 M/s MODERN METALS INDIA PRIVATE LIMITED FARIDABAD  
3 M/s SHIVA TECHNIQUES SURFACES PRIVATE LIMITED FARIDABAD
7. ALL THE ITEMS SHOULD BE CLEARLY IDENTIFIED BY PUNCHING/ENGRAVING THE DRG. NO. ON THE LOCATION GIVEN ON THE RESPECTIVE DRAWINGS.
8. FASTNERS REQUIRED FOR THE ASSLY. SHOULD BE OF STANDARD MAKE ONLY LIKE UNBRAKO/TVS/LPS/GKW.
9. DIMENSION REPORT OF THE INDIVIDUAL ITEMS AND ASSLY. WILL BE REQUIRED ALONG WITH VALUE OF CLEARANCE BETWEEN MATING PARTS IN COLD CONDITION.
10. FORGING/CASTING/BOI ITEM TO BE PROCURED FROM BHEL APPROVED SOURCES AS PER APPROVED QP.
11. FOR ITEM NO. 19 OF THE CBOM 01160505000 (ROD DIA 25 IN MULTIPLE OF 35 MM OF MATL. AA10622, 1 NO. PER ASSLY.),  
FOR ITEM NO. 8 OF THE CBOM 01160505200 (ROD DIA 25 IN MULTIPLE OF 90 MM OF MATL. AA10622, 2 NO. PER ASSLY.) &  
FOR ITEM NO. 9 OF THE CBOM 01160505200 (ROD DIA 25 IN MULTIPLE OF 110 MM OF MATL. AA10622, 2 NO. PER ASSLY.)  
WILL BE SUPPLIED TO THE PARTY BY BHEL HERP FREE OF COST. REST ALL THE ITEMS AS PER CBOM WILL BE ARRANGED BY THE PARTY. FOR THE ITEMS OF THE ASSEMBLY, WHICH CAN'T BE ASSEMBLED SHOULD BE SUPPLIED IN LOOSE WITH PROPER IDENTIFICATION. PARTY SHOULD MUST PROVIDE THE PACKING LIST MENTIONING THE DETAIL OF ASSEMBLED AND LOOSE ITEMS WITH ITEM NO. ALONG WITH THEIR SUPPLY.

12. DP TEST OF THE WELD JOINT TO BE DONE AS PER STD. HW0850199 AS MENTIONED IN THE RESPECTIVE DRG.  
13. PLATE MATL. AA10119 MORE THAN 40 MM THICK SHOULD BE UT TESTED AS PER SPECN. AA0850120.

14. HYDRAULIC TEST SHOULD BE CARRIED OUT AS PER MENTIONED IN THE DRG.

15. FUNCTIONAL TESTING OF THE ASSLY. IS NOT IN THE SCOPE OF PARTY.

16. ALL THE ITEMS SHOULD BE CO-RELATED WITH RESPECT TO SOURCE OF RAW MATL.

a) EITHER THROUGH MILL TC OF RAW MATL. SUPPLIER

b) IN CASE OF MATL. OTHER THAN CASTING/FORGING WHERE QUANTITY IS SMALL, MILL TC IS NOT FEASIBLE. ITEM IS TO BE IDENTIFIED BY UNIQUE NO./HEAT NO. AND LAB TC SHALL BE PROVIDED FROM NABL APPROVED LABS ONLY.

17. THE DETAILS OF RAW MATL./UNIQUE NO. SHOULD BE PUNCHED ON THE ITEM AND ON TC. THE DETAIL FOR LINKING THE ITEM WITH RAW MATL. SOURCE TO BE MAINTAINED BY VENDOR.

(C) TEST CERTIFICATE: REQUIRED FOR

1) CHEMICAL AND MECHANICAL PROPERTIES FOR ALL THE ITEMS EXCEPT STD. FASTNERS. MILL TC IS REQUIRED FOR CASTING/FORGING.

2) ALL OTHER TEST MENTIONED IN THE DRG./PART DRG./QP.

3) UST OF FORGING/CASTING

4) ALL REQUIRED HEAT TREATMENT CHART

5) DP TEST OF WELD JOINT

6) CHEMICAL PROPERTIES OF BABBIT METAL

7) NDT OF BEARING AS PER SPECN. HW0850195

8) UST OF THE PLATE (MATL. AA10119) MORE THAN 40 MM THICK.

9) HYDRAULIC TEST.

10) LOG SHEET 01160505000LS IS REQUIRED TO BE FILLED BY THE VENDOR.

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

(E) PACKING INSTRUCTION: ITEM TO BE SUPPLIED IN PROPERLY PACKED CONDITION IN WOODEN BOX OF 1" THICK PLANK WITH 1.5"x4" BKTS. PAINTING AND CONSERVATION SHOULD BE DONE AS PER STD. ST33004.

(F) DELIVERY PERIOD IS 02 MONTHS FROM THE DATE OF RECEIPT OF FREE ISSUE MATERIAL AT VENDOR'S WORKS. HOWEVER EARLY DELIVERY IS ACCEPTABLE.

(G) THE APPROXIMATE COST OF FREE ISSUE MATL PER ASSLY. IS Rs. 480/-.

(H) 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.

(I) 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 HERP 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.

(J) 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-COMMERCIALY QUALIFIED BIDDERS. PRICE BIDS OF ALL TECHNO-COMMERCIALY 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.

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

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

(M) 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) TENDER WILL BE EVALUATED ITEM WISE i.e. L-1 WILL BE DECIDED FOR EACH INDIVIDUAL ITEM AND NOT ON TOTALITY BASIS.