



Bharat Heavy Electricals Limited

Heavy Equipment Repair Plant

Tarna Shivpur Varanasi-221003

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

Enquiry Number : E-312-26-0103-63-1 Date : 06/Jul/2026

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 (DRG. 01160505000 REV.10 & CBOM 01160505000 REV.12), IMPELLER ASSLY(DRG. 11160505500 REV.13 & CBOM 11160505500 REV.00) & MOP CASING (DRG. 01160505200 REV.04 & CBOM 01160505200 REV.04)	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. "IND202610424 ", DURING INSPECTION.
3. FOR IMPELLER--WITNESS OF DP TEST SHALL BE DONE BY TPI DURING INSPECTION AT PARTY'S WORK.

(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.

18. FOR DRG 11160505500-THE WELD SEAM LENGTH FOR BLADE WITH SIDE COVER SHOULD BE MINIMUM 45 MM.

(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 03 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 MAINTENED.

(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 MATERAILS 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 SIGNED & STAMPED COPY OF PQR ALONG WITH ALL RELATED DOCUMENTS.

(M) ANY BIDDER FALLING UNDER MSE CATEGORY SHALL FURNISH THE DECLARATION AS PER ATTACHED ANNEXURE-MSEs 2012 REV 01 ALONG WITH THEIR TECHNO-COMMERCIAL OFFER. THIS DECLARATION, ALONG WITH THE UDYAM CERTIFICATE, SHALL BE MANDATORY FOR BIDDERS TO AVAIL BENEFITS UNDER THE PUBLIC PROCUREMENT POLICY.

(N) ALL OTHER TERMS AND CONDITIONS SHALL BE AS PER THE GTC ATTACHED WITH ENQUIRY PARTY HAS TO STRICTLY ADHERE THESE TERMS & CONDITIONS).

List of required Quality Documents along with supply:-

S.No	Material Code	Material Description	Documents Description
1	RV1019432925	MAIN OIL PUMP ASSLY. (HW-354.67) -- FULLY M/CD AND ASSEMBLED ITEM AS PER DRG. 0-11605-05000 REV.09	1. Dimension Report 2. DP Report 3. Guarantee Certificates 4. Heat Treatment Chart 5. Hydro test 6. Inspection Report by TPI/BHEL 7. NDT test Report 8. Test Certificates Chemical Properties 9. Test Certificates-Mechanical Properties 10. UT Report
Note : Any other document mentioned in QP/Drg/Spec will also be applicable			

PQR (Turbine Spares)

	PQR Ref No: PQR/24-25/ Turbine Spares	Date: 23.08.2024
	Rev No: 03	Review Date: 22.08.2025
	PQR Revision Date: 22.08.2025	
Sl. No.	BHEL Terms	Supplier's ComplianceYES/NO
	1 Offers are accepted from:	
	1 Only Manufacturer's Offers shall be considered for the Tender Enquiry.	
	2 Supplier shall give list of In-House Facilities:	
2.a	Vendor shall have in-House necessary Manufacturing facilities required for manufacturing and supply of the item/s as per drng/spec..	
2.b	BHEL reserves right to visit the Works of the Manufacturer for Physical verification of the Manufacturing facilities (as declared by them) and assessment of their Quality systems during Technical Evaluation of the Offers.	
	3 Experience:	
3.a	Bidders shall submit the necessary documents proving their Experience in Supplying same or similar items to any Power Plant Equipment Manufacturer (Original Equipment Manufacturer)/ Defence Equipment Manufacturer (Original Equipment Manufacturer) (Govt or PSU)/AeroSpace Equipment Manufacturer (Original Equipment Manufacturer) (Govt or PSU) during last Five (05) years from the date of Enquiry. Documentary evidences to be submitted in the form of Executed Purchase Order copies along with Material Acceptance Report and drawings/specifications of the supplied item/items. No relaxation in experience shall be given to MSEs & Notified start-ups.	
3.b	BHEL reserves right to verify the details from the Bidder's customers based on Documents submitted as a part of past experience.BHEL may ask for other relevant documents in line with above to review the capacity and capability of vendor with respect to enquired items.	
	4 Manufacturing Process Plan:	
4.a	Bidders shall submit detailed Manufacturing process Plan along with the Technical Offer.	
	5 Financial Capability:	
5.a	Turn Over:- Turn over of Non-MSE vendors should be 100% of tender value. Relaxation for MSE vendors/ Notified Start-Ups on turn over will be as per MSME guidelines. Latest UDYAM Certificate required for MSE status.	
5.b	Applicable only for Non-MSE vendors: Audited balance Sheet and Profit and Loss account Statement of last three consecutive year (with UDIN) required along with part-1 bid. Or A CA Certified Consolidated summary (with UDIN) for last 3 consecutive years having annual turn over and Profit and Loss to be enclosed along with Part-1 bid . For Vendors having Turn over less than 1 crore in any of the financial year, CA certified Financial Turn over and Profit Loss (with UDIN) may be accepted for that year only.	
6	After placement of Purchase Order, Vendor shall submit Material Test Certificate before dispatching the Material to BHEL, for review and Dispatch clearance.	
Note-1: Non Submission of the above requested documents/non compliance to the above points is liable for rejection of the Offers without any further Notice/Intimation to the Bidder and no correspondence will be entertained at later stage.		
Note-2: "Similar items" means items having same or similar Constructional feature, manufacturing process, similar nature of use, etc.		