



Bharat Heavy Electricals Limited

Heavy Equipment Repair Plant

Tarna Shivpur Varanasi-221003

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

Enquiry Number : E-RC-306-25-0088-62-1 Date : 27/Oct/2025

Enquiry For Material :-

Sl No	Material Description	Material Code	Quantity	Unit
1	CONSTANT LOAD HANGER TYPE 1102 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99054/00	948220110220	10.0	NOS
2	CONSTANT LOAD HANGER TYPE 1112 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99055/00	948220111220	20.0	NOS
3	CONSTANT LOAD HANGER TYPE 1113 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99012/00	948220111320	20.0	NOS
4	CONSTANT LOAD HANGER TYPE 1122 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99049/00	948220112220	20.0	NOS
5	CONSTANT LOAD HANGER TYPE 1123 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99013/00	948220112320	10.0	NOS
6	CONSTANT LOAD HANGER TYPE 1132 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99003/00	948220113220	20.0	NOS
7	CONSTANT LOAD HANGER TYPE 1133 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99004/00	948220113320	20.0	NOS
8	CONSTANT LOAD HANGER TYPE 1134 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99057/00	948220113420	20.0	NOS
9	CONSTANT LOAD HANGER TYPE 1135 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99018/00	948220113520	20.0	NOS
10	CONSTANT LOAD HANGER TYPE 1142 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99009/00	948220114220	60.0	NOS
11	CONSTANT LOAD HANGER TYPE 1143 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99005/00	948220114320	60.0	NOS
12	CONSTANT LOAD HANGER TYPE 1144 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99058/00	948220114420	20.0	NOS
13	CONSTANT LOAD HANGER TYPE 1145 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99019/00	948220114520	40.0	NOS
14	CONSTANT LOAD HANGER TYPE 1152 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99002/00	948220115220	85.0	NOS
15	CONSTANT LOAD HANGER TYPE 1153 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99051/00	948220115320	80.0	NOS
16	CONSTANT LOAD HANGER TYPE 1154 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99014/00	948220115420	80.0	NOS
17	CONSTANT LOAD HANGER TYPE 1155 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99020/00	948220115520	80.0	NOS
18	CONSTANT LOAD HANGER TYPE 1162 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99010/00	948220116220	80.0	NOS
19	CONSTANT LOAD HANGER TYPE 1163 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99052/00	948220116320	50.0	NOS
20	CONSTANT LOAD HANGER TYPE 1164 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99015/00	948220116420	50.0	NOS
21	CONSTANT LOAD HANGER TYPE 1165 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99021/00	948220116520	65.0	NOS
22	CONSTANT LOAD HANGER TYPE 1172 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99050/00	948220117220	80.0	NOS
23	CONSTANT LOAD HANGER TYPE 1173 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99053/00	948220117320	65.0	NOS

24	CONSTANT LOAD HANGER TYPE 1174 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99006/00	948220117420	50.0	NOS
25	CONSTANT LOAD HANGER TYPE 1175 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99022/00	948220117520	50.0	NOS

Remarks

A) SCOPE OF ENQUIRY:

1. THIS ENQUIRY HAS BEEN RAISED FOR ENTERING INTO FRAMEWORK AGREEMENT (VALUE WISE) WITH VENDORS FOR FABRICATION, ASSEMBLY, AND SUPPLY OF CONSTANT LOAD HANGERS FOR A DURATION OF ONE YEAR FOR THE QTY MENTIONED AGAINST EACH ITEM.
2. FA WILL BE DONE ON SINGLE SET BASIS FOR ALL THE 25 ITEMS WITH THEIR FULL QUANTITY AND NOT QUANTITY OF INDIVIDUAL ITEM.
3. RATE FOR INDIVIDUAL ITEM WILL BE AS PER PERCENTAGE WEIGHTAGE MENTIONED IN ANNEXURE-IV ATTACHED.
4. THE RATES OF ITEMS AGAINST FA WILL BE FIRM & VALID FOR ORDERING FOR THE PERIOD OF ONE YEAR FROM THE DATE OF AGREEMENT. PRICE VARIATION CLAUSE(PVC) IS NOT ACCEPTABLE.
5. VENDOR HAS TO QUOTE FOR ALL THE 25 ITEMS OF TENDER ENQUIRY COMPULSORILY. IN CASE, ANY VENDOR QUOTES FOR PART ITEM, THEIR OFFER WILL NOT BE CONSIDERED FOR FURTHER EVALUATION.
6. L-1 VENDOR WILL BE DECIDED ON TOTAL COST ON SET BASIS.

(B)SUPPLY CONDITION:

1. MATERIAL TO BE SUPPLIED AT BHEL HERP STORES.
2. PRE-DISPATCH INSPECTION SHALL BE DONE BY BHEL REPRESENTATIVE AS PER QAP RV-QP-LH-01 REV-01.

(C)TECHNICAL DELIVERY CONDITION: AS PER TECHNICAL SPECIFICATION RV:TR:CLH:001 REV-01 & PROCEDURE RV-CLH-VLH-PROCEDURE-001 REV 02.

(D) TEST CERTIFICATE : REQUIRED AS PER QAP MENTIONED IN TECHNICAL SPECN. RV:TR:CLH:001 REV-01.

(E) GURANTEE CERTIFICATE : REQUIRED FOR 12 MONTHS FROM THE DATE OF SUPPLY AGAINST MANUFACTURING DEFECTS.

(F) PAINTING INSTRUCTION :

(1) SURFACE PREPARATION, INSPECTION & TESTING AS PER DOCUMENT NO:RV:LH:PAINT-001-REV00.

(2) PAINTING AS PER CLAUSE 'D' OF TECHNICAL SPECN. RV:TR:CLH:001 REV-01.

(3) VENDOR HAS TO BE FURNISHED THE LOG SHEET FORMAT NO:BHEL/HERP/LH/PAINTING/001 FILLED WITH ALL RESPECT AT THE TIME OF SUPPLY OF MATERIAL.

(4) PO VALIDITY CLAUSE:-THE PO PLACED UNDER THIS RC WILL HAVE VALIDITY OF 1.5 YEARS FROM PO DATE.

(G) PACKING INSTRUCTION: AS PER CLAUSE 'E' OF TECHNICAL SPECN. RV:TR:CLH:001 REV-01.

(H) DELIVERY SCHEDULE:-

- 1) WITHIN 03 MONTHS FROM THE DATE OF RECEIPT OF FREE ISSUE MATERIAL AT PARTY'S WORKS. EARLY DELIVERY IS ACCEPTABLE.
- 2) VARIANT WISE MAXIMUM QTY IN EACH LOT (WHICH MAY BE REQUIRED IN A PARTICULAR ORDER) WILL BE AS MENTIONED IN ANNEXURE-II.
- 2)THERE WILL BE A GAP OF 01 MONTH BETWEEN TWO CONSECUTIVE LOTS.

(I)SPECIAL REMARKS :

1) FREE ISSUE COMPONENTS (BEARING SHELLS, BUSHINGS, CAMS, DOWEL BOLTS, LOAD ADJUSTMENT BOLTS, SPRINGS : BOTH AUXILIARY AND MAIN , ROLLER BEARINGS AND STEEL RINGS) SHALL BE ISSUED TO THE PARTY FROM BHEL. DETAILS OF THESE ITEMS APPLICABLE IN EACH ASSLY ARE MENTIONED IN ANNEXURE-A.

2) B.Q.PLATES (SA-515 GR.70) AND S.S. RODS (SA-182 GR.F6A CL.3) SHALL BE ISSUED IN RUNNING LENGTH FROM BHEL AS FREE ISSUE MATERIAL FOR MAKING AXLES, BEARING BOLTS, BOTTOM SPRING END PLATE, GUIDE TRAVEL STOP BOLT , LOWER CONNECTION BLOCK, SIDE PLATES, TOP CONNECTION BLOCK , UPPER SPRING END PLATE AND MACHINED DISK. DETAILS OF THESE ITEMS APPLICABLE IN EACH ASSLY ARE MENTIONED IN ANNEXURE-B REV-01.

3) FREE ISSUE VALUE PER ASSLY. IS GIVEN IN ENCLOSED ANNEXURE-I WHERE UNITS PER ASSY IS FIXED BUT THE VALUE IS TENTATIVE AND SHALL BE CALCULATED AS PER APPLICABLE RATES AT THE TIME OF SENDING OF FIM.

4) EVERY HANGER IS TESTED AT HERP PREMISES & TESTING INCURS LABOUR & TIME. HENCE WHEN A HANGER IS FAILED DURING TESTING DUE TO IMPROPER ASSLY./FABRICATION, IT INCURS EXTRA COST TO BHEL FOR TESTING IT NEXT TIME AFTER RECTIFICATION BY THE VENDOR. THEREFORE FROM SECOND TIME ONWARDS, TESTING CHARGES WILL BE

RECOVERABLE FROM PARTY'S BILLS IN LINE WITH THE TESTING CHARGES MENTIONED IN ANNEXURE-III REV 01.

ALSO IF HANGER IS BEING PERMITTED TO RECTIFY WITHIN HERP PREMISES, 10% EXTRA CHARGES OF INDIVIDUAL ITEM WILL BE APPLICABLE TOWARDS USAGE OF BHEL MATERIAL HANDLING FACILITY & EXPERT SUPERVISION AND WILL BE DEDUCTED FROM PARTY'S BILLS. IN THIS CASE SUITABLE MAN POWER FOR RECTIFICATION TO BE ARRANGED BY VENDOR INSIDE BHEL.

(J) CONDITION FOR QUANTITY SPLIT:

(i) SPLITTING WILL BE DONE WITH RESPECT TO TOTAL FA VALUE & NOT QUANTITY OF INDIVIDUAL ITEM.

(ii) BHEL WILL SPLIT THE TOTAL FA VALUE FOR ENTERING INTO FRAMEWORK AGREEMENT AMONG FOUR (03) VENDORS IN RATIO OF L1:L2:L3-50%:35%:15%.

(iii) THE EQUATED L-1 PRICE ON TOTAL COST BASIS TO BHEL WOULD BE COUNTER OFFERED TO THE NEXT HIGHER BIDDER IN ORDER OF THEIR RANKING AND THE FA VALUE SPLIT WOULD BE GIVEN TO THE BIDDER WHO ACCEPTS THE EQUATED L-1 PRICE.

(iv) DEPENDING UPON THE SITUATION AND IN CASE, THE DISTRIBUTION IS DONE BETWEEN THREE OR TWO OR SINGLE BIDDER, THEN THE FOLLOWING RATIO WILL BE FOLLOWED.

(1) FOR THREE VENDORS, RATIO WILL BE 50%:35%:15%.

(2) FOR TWO VENDORS, RATIO WILL BE 60%:40%.

(3) FOR SINGLE VENDOR, FA VALUE WILL BE DONE WITH L-1 VENDOR ONLY.

(v) AT ANY POINT OF TIME OR IF THE PERFORMANCE OF ANY VENDOR IS FOUND UNSATISFACTORY, THE ABOVE DISTRIBUTION RATION MAY BE CANCELLED OR CHANGED BY BHEL AND ITEMS MAY BE PROCURED FROM PERFORMING VENDORS.

(K) THE PROJECTED QUANTITY MENTIONED IN THE ENQUIRY IS TENTATIVE AND MAY INCREASE/DECREASE AS PER ACTUAL REQUIREMENT FROM TIME TO TIME DURING FRAMEWORK AGREEMENT/RATE CONTRACT PERIOD. ORDER WILL BE RELEASED AS PER ACTUAL REQUIREMENT FOR ANY ITEM FROM TIME TO TIME IN PART QUANTITY IN LINE WITH FRAMEWORK AGREEMENT/RATE CONTRACT.

(L) REVERSE AUCTION:

(1) THERE WILL BE NO REVERSE AUCTION CONDUCTED IN THIS ENQUIRY. PLEASE QUOTE THE ITEMS RATE VERY CAREFULLY. IF ANY OF THE VENDORS DO NOT ACCEPT THE ABOVE POINT, THEIR OFFER MAY BE LIABLE FOR REJECTION WITHOUT INTIMATION.

(2) AFTER TECHNICAL SUITABILITY, THE PRICE BID OF ONLY TECHNO-COMMERCIAL SUITABLE VENDOR WILL BE OPENED AND RATE REASONABILITY FOR EVALUATION OF L1 WILL BE CARRIED OUT ON SINGLE SET BASIS CONSISTING OF ALL THE 25 ITEMS COVERED IN THE ENQUIRY AS MENTIONED IN ANNEXURE- IV. FURTHER, VENDORS SHALL DERIVE THE LANDED COST OF INDIVIDUAL ITEM ON THE BASIS OF PERCENTAGE WEIGHTAGE MENTIONED IN THE ANNEXURE - IV.

(3) IT IS FURTHER CLARIFIED THAT SINGLE RATE (LANDED COST) WILL BE TAKEN FOR RATE REASONABILITY IS NOTHING BUT TOTAL VALUE FOR ALL THE ENQUIRED ITEMS AND THEIR FULL QUANTITY AS PER TENDER ENQUIRY.

(4) LANDED COST CONSIST OF BASIC COST + FIM SENDING COST + P&F, IF ANY + LOADING CHARGES, IF APPLICABLE + OTHER TAXES IF ANY CONSIDERED BY VENDOR IN THEIR QUOTATION.

(M) BANK GUARANTEE:

1. 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.

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 BE 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.

(N) TRANSPORTATION CHARGES FOR SENDING BHEL FREE ISSUE MATERIALS (FIM) TO THE PARTY WORKS WILL BE BORNE BY BHEL AND TRANSPORTATION CHARGES FOR SENDING THE FINISHED COMPONENTS FROM VENDOR'S WORKS TO BHEL STORES VARANASI WILL BE BORNE BY THE VENDOR 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, FOR VARANASI/LOCAL BASED VENDOR, TO AND FROM TRANSPORTATION CHARGES FOR LIFTING AS WELL SENDING THE FINISHED COMPONENTS FROM VENDOR'S WORKS TO BHEL STORES VARANASI WILL BE BORNE BY THE VENDOR ONLY.

(O) IF ANY INDIVIDUAL PO RELEASED TO A SINGLE VENDOR WHICH PO VALUE IS MORE THAN 02 CRORES THEN PERFORMANCE SECURITY 05% OF CONTRACT VALUE IS TO BE OBTAINED FROM BIDDER TO WHOM FA IS AWARDED.

(P) CLAUSE FOR INTEGRITY PACT (IP) SHALL BE AS PER ANNEXURE-1 & 2 ATTACHED. BIDDER SHALL SUBMIT THE ATTACHED ANNEXURE-1 FILLED, SIGNED AND STAMPED.

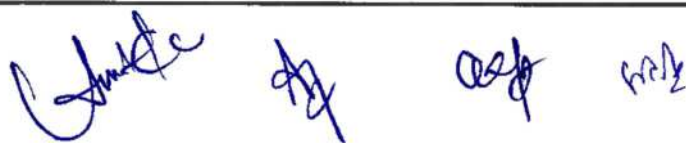
(Q) FAILURE TO SUPPLY WITHIN PURCHASE ORDER DELIVERY SCHEDULE WILL MAKE AN UNCONDITIONAL PENALTY OF 0.5 % PER WEEK OR PART THEREOF SUBJECT TO THE MAXIMUM OF 10% OF THE UNDELIVERED PURCHASE ORDER VALUE EXCLUDING TAXES & DUTIES. NO GRACE PERIOD SHALL BE GIVEN.

(R) OTHER TERMS & CONDITIONS OF THIS ENQUIRY SHALL BE AS PER ATTACHED GTC.

PQR FOR HANGERS

PQR Ref No: PQR/24-25/Hangers	Date: 23.08.2024
Rev No: 03	Review Date: 22.08.2025
PQR Revision Date: 22.08.2025	

Sl. No.	BHEL Terms	Supplier's Compliance YES/NO
1	Offers are accepted from:	
1.a	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.	
2.c	Bidders shall submit detailed Manufacturing process Plan along with the Technical Offer.	
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	Financial Capability:	
4.a	Turn Over:- Turn over of Non-MSE vendors should be minimum (600) Lakhs average for last three years. Relaxation for MSE vendors/ Notified Start UPs on turn over will be as per MSME guidelines. Latest UDYAM certificate will be required for MSE status.	
4.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.	
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.		



On Bidder's office letter pad

Make in India (Model Certificate) Annexure-I

Self-Declaration

Enquiry No.	
Enquiry Date	

In line with Government public procurement order Number P-45021/2/2017-B.E-II dated 15.06.2017, and further modified order dt. 28.05.2018, 29.05-2019, 04.06.2020 and 19.07.2024.

I / We hereby declare that I / We are a "Local Supplier" meeting the requirement of minimum local content (..... %) defined in the above government notification for the goods against above mentioned enquiry Number.

Details of location at which local value addition will be made is as follows:

Door No.	
Street / Address 1	
Street / Address 2	
District	
State	
Country	
PIN Code	

We also understand that the false declarations will be considered as breach of Integrity and liable for action.

For Company Name:

Seal:

Signature:

Date:

Place:

(Please fill all Yellow colour field)

**GENERAL COMMERCIAL TERMS & CONDITIONS OF ENQUIRY
(FOR INDIAN VENDORS)**

Amendment- 26
ANNEXURE-A

ITEM DESCRIPTION:

ENQUIRY NO:

Sl No	BHEL STANDARD TERMS & CONDITIONS	Confirmation of supplier (Yes/No)
1.	A) OFFER MUST BE SUBMITTED IN TWO PART BID SYSTEM NAMELY TECHNO-COMMERCIAL BID & PRICE BID FOR THE ITEM AS PER ENQUIRY IN SEPARATE SEALED COVERS: (I) TECHNO – COMMERCIAL BID & (II) PRICE BID SHOULD BE CLEARLY SUPERSCRIBED THE ENQUIRY NO. AND DUE DATE ON THE ENVELOPES. (B) UN-PRICED OFFER WITH TECHNICAL BID IS REQUIRED TO BE FURNISHED BY THE VENDOR. TECHNICAL OFFER SHOULD CLEARLY REFLECT AT LEAST OUR MATERIAL CODE, ITEM DESCRIPTION & QUANTITY. (C) THE DIFFERENCE BETWEEN “UN-PRICED OFFER” AND “PRICED OFFER” SHOULD BE ONLY THE PRICES WHEREVER APPLICABLE. THE RATES AND AMOUNT SHOULD BE CLEARLY WRITTEN IN FIGURES AND WORDS BOTH WITHOUT ANY CUTTING / OVERWRITING. (D) IMPORTANT POINT FOR VENDOR WHO HAVE NOT SUBMITTED THE SRF (SUPPLIER REGISTRATION FORM) SO FAR: THE VENDORS, WHO HAVE NOT SUBMITTED THE SRF SO FAR, MUST SUBMIT THE SAME ALONG WITH PART- 1 BID. THE SRF TO BE DOWNLOADED FROM WWW.BHEL.COM OR https://herp.bhel.com .	
2.	BID SHOULD BE FREE FROM CORRECTION, OVERWRITING, USING CORRECTIVE FLUID, ETC. ANY INTERLINEATION , CUTTING , ERASURE OR OVERWRITING SHALL BE VALID ONLY IF THEY ARE ATTESTED UNDER FULL SIGNATURE(S) OF PERSON(S) SIGNING THE BID ELSE BID SHALL BE LIABLE FOR REJECTION .	
3.	YOUR TECHNO COMMERCIAL BID SHOULD MENTION THAT PRICE BID HAS BEEN SENT IN A SEPARATE ENVELOPE GIVING ITS REFERENCE.	
4.	VENDOR TO ENSURE THAT ITEM & QUANTITY MENTIONED IN THE OFFERS ARE EXACTLY SAME AS PER ENQUIRY. IF ANY DEVIATION IS THERE PARTY MUST MENTION SPECIFIC HEREWITH OTHERWISE BHEL SHALL CONSIDER THAT ITEM & QUANTITY AS REQUIRED IN ENQUIRY.	
5.	PLEASE MAKE SURE THAT THERE IS NO DISCREPANCY IN BETWEEN ACCEPTED TERMS & CONDITIONS MENTIONED IN THE CHECK LIST AND QUOTATION SUBMITTED BY VENDOR AND IF FOUND SO THEN THE TERMS & CONDITIONS WHICH ARE BENEFICIAL TO BHEL WOULD ONLY BE CONSIDERED.	
6.	THE TENDER RECEIVED AFTER 14:00 HRS ON THE DUE DATE WILL NOT BE CONSIDERED.	
7.	PART-I CONTAINING THE TECHNO-COMMERCIAL BID WILL BE OPENED ON THE DATE AND TIME SPECIFIED IN THE ENQUIRY, IN THE PRESENCE OF THOSE TENDERERS WHO WISH TO ATTEND. PART-II i.e., PRICE BID WILL BE OPENED ONLY OF THOSE BIDDERS WHO ARE FOUND TECHNO-COMMERCIALY SUITABLE AFTER SCRUTINY OF THEIR PART-I OFFERS.	
8.	NO REVISED OFFERS WILL BE ACCEPTED UNLESS ASKED BY BHEL AFTER OPENING OF PART-1 BID IN ANY CASE.	
9.	THE RATE OF GST SHOULD BE CLEARLY MENTIONED IN THE OFFER.	
10.	VALIDITY OF OFFER SHOULD BE MINIMUM 90 DAYS FROM THE DATE OF TECHNO - COMMERCIAL BID OPENING OR 60 DAYS FROM THE REVERSE AUCTION DATE.	
11.	BHEL RESERVES THE RIGHT TO REJECT THE OFFER, WHICH IS HAVING DEVIATIONS TO THE TERMS AND CONDITIONS GIVEN IN THE TENDER ENQUIRY.	
12.	PRICING TERMS: PRICES ONCE QUOTED SHALL REMAIN FIRM WITHIN THE VALIDITY OR ANY EXTENSION THEREOF FOR PLACEMENT OF ORDER, TILL COMPLETE EXECUTION OF THE ORDER, WITHOUT ANY ESCALATION/INCREASE FOR ANY REASON, WHATSOEVER, UNLESS SPECIFICALLY PROVIDED FOR IN THE ENQUIRY & PO. IN CASE OF FOREIGN VENDORS, THE QUOTED PRICE SHALL BE TAKEN AS INCLUSIVE OF THIRD PARTY INSPECTION AND TESTING CHARGES AS CALLED FOR IN THE NIT.	
13.	BID EVALUATION: UNLESS SPECIFIED IN THE TENDER, VENDOR MUST NOTE THAT BHEL WILL ARRIVE THE L1 STATUS FOR EACH ITEM ON LANDED COST BASIS. ACCORDINGLY, ORDER SHALL BE PLACED ON LOWEST BIDDER ON INDIVIDUAL ITEM BASIS ONLY, UNLESS BHEL ASK FOR TERMS OTHER THAN THIS ON EXCEPTION BASIS. IN THE COURSE OF EVALUATION, IF MORE THAN ONE BIDDER HAPPENS TO OCCUPY L-1 STATUS, EFFECTIVE L-1 WILL BE DECIDED BY SOLICITING DISCOUNTS FROM THE RESPECTIVE L-1 BIDDERS. IN CASE MORE THAN ONE BIDDERS HAPPENS TO OCCUPY THE L-1 STATUS EVEN AFTER SOLICITING DISCOUNT, THE L-1 BIDDER SHALL BE DECIDED BY A TOSS/DRAW OF LOTS, IN THE PRESENCE OF THE RESPECTIVE BIDDER(S) OR THEIR REPRESENTATIVE(S). RANKING WILL BE DONE ACCORDINGLY. BHEL'S DECISION IN SUCH SITUATION SHALL BE FINAL AND BINDING.	
14.	TERMS OF DELIVERY: I. FOR INDIGENOUS SUPPLIERS: THE TERMS OF DELIVERY SHOULD BE QUOTED ON F.O.R. DESTINATION (BHEL HERP STORES VARANASI) BASIS ONLY (i.e. FREIGHT & INSURANCE ON VENDOR'S ACCOUNT ONLY). IF ANY BIDDER STILL QUOTES OTHER DELIVERY TERM IN PLACE OF BHEL HERP STORES, THEIR OFFER MAY NOT BE CONSIDERED FOR FURTHER PROCESSING. IT MUST BE SPECIFICALLY NOTED.	
15.	IF ANY INDIAN SUPPLIERS ARRANGE SUPPLY FROM FOREIGN PRINCIPLES/WORKS, TERMS OF DELIVERY SHOULD BE QUOTED ON CIF JNPT MUMBAI (INDIA) SEA PORT BASIS ONLY (i.e. FREIGHT & INSURANCE ON VENDOR'S ACCOUNT UPTO JNPT MUMBAI (INDIA) SEA PORT) OR CFR MUMBAI AIRPORT. HOWEVER FREIGHT CHARGES AS PER BHEL TRANSPORT CONTRACT FROM JNPT MUMBAI SEAPORT/MUMBAI AIRPORT TO BHEL VARANASI FOR EACH ITEM WILL BE LOADED AT THE TIME OF TOTAL LANDED COST CALCULATION.	
16.	INSURANCE CHARGES SHALL BE TO VENDOR'S ACCOUNT ONLY IF PRICE QUOTED ON BHEL HERP STORES BASIS. IN CASE PRICE QUOTED IS ON CIF JNPT MUMBAI BASIS/ CFR MUMBAI AIRPORT BASIS, INSURANCE UP TO CIF JNPT MUMBAI/ MUMBAI AIRPORT SHALL BE IN VENDOR ACCOUNT.	
17.	PAYMENT TERMS: I.FOR MSE VENDORS: 100% AGAINST SRV WITHIN 45 DAYS THROUGH EFT (ELECTRONIC FUND TRANSFER) FROM THE DATE OF RECEIPT OF MATERIAL (DATE OF SRV) AT BHEL HERP VARANASI STORES AS PER PO. II.FOR MEDIUM ENTERPRISES VENDORS: 100% AGAINST SRV WITHIN 60 DAYS THROUGH EFT (ELECTRONIC FUND TRANSFER) FROM THE DATE OF RECEIPT OF MATERIAL (DATE OF SRV) AT BHEL HERP VARANASI STORES AS PER PO. III. FOR NON- MSME: 100% AGAINST SRV WITHIN 90 DAYS THROUGH EFT (ELECTRONIC FUND TRANSFER) FROM THE DATE OF RECEIPT OF MATERIAL (DATE OF SRV) AT BHEL HERP VARANASI STORES AS PER PO. IV.BHEL HERP WILL MAKE PAYMENTS IN TWO PARTS: - PART-I: BASIC INVOICE VALUE AND ALL OTHER CHARGES (EXCEPT GST AMOUNT) WILL BE PAID AS PER P.O. PAYMENT TERMS. PART-II: GST PORTION OF INVOICE VALUE WILL BE PAID ONLY AFTER FULFILLING FOLLOWING CONDITIONS: (A) PAYMENT OF GST AMOUNT INTO GOVT. ACCOUNT BY SUPPLIER AGAINST INVOICE RAISED TO BHEL. (B) FILING OF GST RETURN (C) DISPLAY OF GST CREDIT AGAINST BHEL GSTIN NO.09AAACB4146P2ZC IN GSTR-2B ON GSTN PORTAL. NOTE: 1. PAYMENT WILL BE MADE AFTER ACCEPTANCE OF MATERIAL. 2. ADVANCE PAYMENT IS NOT ACCEPTABLE BY BHEL HERP VARANASI IN ANY CASE. 3. IF ANY SUPPLIER FALLS UNDER “NON MSE” OR “NON MEDIUM” CATEGORY AT THE TIME OF PO PLACEMENT AND IF PARTY DOES NOT INFORM BHEL REGARDING CHANGE IN THEIR STATUS BEFORE PROCESSING OF THE PAYMENT, THEIR PAYMENT TERM WILL BE CONSIDERED AS NON MSME SUPPLIER WITHOUT ANY FURTHER INTIMATION. IF SUCH SUPPLIER INFORM BHEL OR BHEL GETS UPDATED ON THEIR OWN ABOUT PARTY'S STATUS CHANGE (WHEN PARTY BECOMES MSME FROM NON-MSME) BEFORE PROCESSING OF THE PAYMENT, PARTY'S PAYMENT TERM WILL BE CHANGED AS PER APPLICABLE STATUS. ACCORDINGLY, PURCHASING OFFICER WILL CHANGE PAYMENT TERMS IN THE APPLICABLE PO/S ALSO.	
18.	LOADING OF PAYMENT TERM: IN CASE OF DEVIATION, LOADING OF INTEREST RATE @SBI MCLR RATE + 6% (AS ON PART-1 OPENING DATE) SHALL BE LOADED WHILE ARRIVING AT LANDED COST TO BHEL.	
19.	LIQUIDATED DAMAGES/ LATE DELIVERY (LD) PENALTY CLAUSE: SUBJECT TO FORCE MAJEURE CONDITIONS, FAILURE TO SUPPLY WITHIN PURCHASE ORDER DELIVERY SCHEDULE WILL MAKE THE SUPPLIER LIABLE TO AN UNCONDITIONAL PENALTY OF 0.5 % PER WEEK OR PART THEREOF SUBJECT TO THE MAXIMUM OF 10% OF THE UNDELIVERED PURCHASE ORDER VALUE EXCLUDING TAXES & DUTIES. NO GRACE PERIOD SHALL BE GIVEN.	

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20.	LOADING OF LIQUIDATED DAMAGES (LD): DEVIATION TO ABOVE STANDARD PENALTY CLAUSE, MAXIMUM LOADING OF 10% (IN CASE OF NON ACCEPTANCE OF LD CLAUSE) OR PART THEREOF (IN CASE OF PART ACCEPTANCE OF LD) SHALL BE LOADED WHILE ARRIVING LANDED COST TO BHEL. LOADING OF DELIVERY TERM: FURTHER IF DEVIATION IS FOUND IN THE ACCEPTED DELIVERY TERM AS WELL AS ACCEPTED PENALTY TERM, SUITABLE LOADING BASED ON TRANSPORTATION TIME TO BE TAKEN SHALL BE LOADED WHILE ARRIVING LANDED COST TO BHEL HERP STORES WHICH MAY BE AS BELOW: (i) 1% OF THE BASIC COST FOR INDIAN SUPPLIERS,	
21.	DELIVERY PERIOD: VENDOR SHOULD STRICTLY QUOTE THE DELIVERY PERIOD AS MENTIONED IN NIT.	
22.	IF ANY VENDOR DOES NOT SUPPLY THE ITEM WITHIN THE PURCHASE ORDER DELIVERY PERIOD, BHEL MAY/MAY NOT ACCEPT THE SUPPLY AT ITS SOLE DISCRETION.	
23.	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 6. PARTY SHALL HAVE TO ARRANGE FURNISHING OF THE SFMS CODE ALONG WITH THE BG.	
24.	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.	
25.	IF BHEL ISSUES FREE ISSUE MATERIALS TO THE SUPPLIER, IT MUST BE RETURNED WITHIN THE TIME LIMIT AS PRESCRIBED IN GST LAW (PRESENTLY 01 (ONE) YEAR FROM THE DATE OF FREE ISSUE DATE) TO COMPLY THE GST RULES. IF ANY VENDOR DOES NOT RETURN THE BHEL FREE ISSUE MATERIALS AS MENTIONED ABOVE, THE FINANCIAL IMPLICATION ON ACCOUNT OF THIS, IF ANY, SHALL BE RECOVERED FROM THE PARTY BILLS.	
26.	REVERSE AUCTION: BHEL SHALL BE RESORTING TO REVERSE AUCTION (RA) (GUIDELINES AS AVAILABLE ON WWW.BHEL.COM) FOR THIS TENDER. RA SHALL 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 IN RA. IN CASE ANY BIDDER(S) DO (ES) NOT PARTICIPATE IN ONLINE REVERSE AUCTION, THEIR SEALED ENVELOPE PRICE BID ALONG WITH APPLICABLE LOADING, IF ANY, SHALL BE CONSIDERED FOR RANKING.	
27.	IF ANY OF THE VENDORS DO NOT ACCEPT THE ABOVE POINT MENTIONED AT SL. NO. 26, THEIR OFFER MAY BE LIABLE FOR REJECTION WITHOUT INTIMATION.	
28.	BHEL MAY SHORT CLOSE/CANCEL AN ORDER AT ANY TIME DURING THE CURRENCY OF THE CONTRACT/PO IRRESPECTIVE OF THE PO DELIVERY DATE, IF (I) THE WORK PROGRESS OF THE VENDOR IS POOR, OR (II) THE DELIVERY REQUIREMENT OF THE ITEM IS VERY CRITICAL & NOT BEING MET BY THE VENDOR ON WHICH ORDER HAS BEEN PLACED, OR (III) THERE IS NO RESPONSE FOR IMPROVEMENT IN DELIVERY AS PER BHEL REQUIREMENT,	
29.	THE OFFERS OF THE BIDDERS WHO ARE ON THE BANNED LIST AND ALSO THE OFFER OF THE BIDDERS, WHO ENGAGE THE SERVICES OF THE BANNED FIRMS, SHALL BE REJECTED. THE LIST OF BANNED FIRMS IS AVAILABLE ON BHEL WEB SITE www.bhel.com	
30.	RESERVATION RIGHTS OF BHEL: – BHEL RESERVES THE RIGHT TO REJECT ANY OR ALL QUOTATIONS WITHOUT ASSIGNING ANY REASONS THEREOF. BHEL ALSO RESERVES THE RIGHT TO INCREASE OR DECREASE THE TENDERED QUANTITIES. VENDORS SHOULD BE PREPARED TO ACCEPT ORDER FOR REDUCED QUANTITIES WITHOUT ANY EXTRA CHARGES. VENDOR SHOULD ALSO BE PREPARED FOR GIVING DISCOUNT IN CASE OF INCREASE IN QUANTITY.	
31.	NON-DISCLOSURE AGREEMENT: ALL DRAWINGS AND STANDARDS ARE PROPRIETARY OF BHEL. IT MUST NOT BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY. ALL SUPPLIERS SHALL FURNISH NDAS (NON-DISCLOSURE AGREEMENT) AGAINST USE OF DOCUMENTS FURNISHED BY BHEL TOWARDS UN-AUTHORIZED USE EXCEPT FOR THE PURPOSE IT HAS BEEN FURNISHED.	
32.	SETTLEMENT OF DISPUTE: IF ANY DISPUTE OR DIFFERENCE OF ANY KIND WHATSOEVER SHALL ARISE BETWEEN BHEL AND THE SUPPLIER/VENDOR, ARISING OUT OF THE CONTRACT FOR THE PERFORMANCE OF THE WORK WHETHER DURING THE PROGRESS OF CONTRACT TERMINATION, ABANDONMENT OR BREACH OF THE CONTRACT, IT SHALL IN THE FIRST PLACE REFERRED TO DESIGNATED ENGINEER FOR AMICABLE RESOLUTION BY THE PARTIES. DESIGNATED ENGINEER (TO BE NOMINATED BY BHEL FOR SETTLEMENT OF DISPUTES ARISING OUT OF THE CONTRACT) WHO WITHIN 60 DAYS AFTER BEING REQUESTED SHALL GIVE WRITTEN NOTICE OF HIS DECISION TO THE CONTRACTOR. SAVE AS HEREINAFTER PROVIDED, SUCH DECISION IN RESPECT OF EVERY MATTER SO REFERRED SHALL FORTHWITH BE GIVEN EFFECT TO BY THE SUPPLIER/VENDOR WHO SHALL PROCEED WITH THE WORK WITH ALL DUE DILIGENCE, WHETHER HE OR BHEL DESIRES TO RESOLVE THE DISPUTE AS HEREINAFTER PROVIDED OR NOT. IF AFTER THE DESIGNATED ENGINEER HAS GIVEN WRITTEN NOTICE OF THIS DECISION TO THE PARTY AND NO INTENTION TO PURSUE THE DISPUTE HAS BEEN COMMUNICATED TO HIM BY THE AFFECTED PARTY WITHIN 30 DAYS FROM THE RECEIPT OF SUCH NOTICE, THE SAID DECISION SHALL BECOME FINAL AND BINDING ON THE PARTIES. IN THE EVENT THE SUPPLIER/VENDOR BEING DISSATISFIED WITH ANY SUCH DECISION OR IF AMICABLE SETTLEMENT CANNOT BE REACHED THEN ALL SUCH DISPUTED ISSUES SHALL BE RESOLVED THROUGH CONCILIATION IN TERMS OF THE BHEL CONCILIATION SCHEME 2018 AS PER CLAUSE 14.1	
33.	CONCILIATION (Clause 14.1): ANY DISPUTE, DIFFERENCE OR CONTROVERSY OF WHATEVER NATURE HOWSOEVER ARISING UNDER OR OUT OF OR IN RELATION TO THIS AGREEMENT (INCLUDING ITS INTERPRETATION) BETWEEN THE PARTIES, AND SO NOTIFIED IN WRITING BY EITHER PARTY TO THE OTHER PARTY (THE "DISPUTE") SHALL, IN THE FIRST INSTANCE, BE ATTEMPTED TO BE RESOLVED AMICABLY IN ACCORDANCE WITH THE CONCILIATION PROCEDURE AS PER BHEL CONCILIATION SCHEME 2018. THE PROCEEDINGS OF CONCILIATION SHALL BROADLY BE GOVERNED BY PART-III OF THE ARBITRATION AND CONCILIATION ACT 1996 OR ANY STATUTORY MODIFICATION THEREOF AND AS PROVIDED IN - "PROCEDURE FOR CONDUCT OF CONCILIATION PROCEEDINGS" (AS AVAILABLE IN WWW.BHEL.COM)). Note: MINISTRY OF FINANCE HAS ISSUED OM REFERENCE NO. 1/2/24 DATED 03.06.2024 REGARDING "GUIDELINES FOR ARBITRATION AND MEDIATION IN CONTRACTS OF DOMESTIC PUBLIC PROCUREMENT. IN THE SAID OM IT HAS BEEN RECOMMENDED THAT GOVERNMENT DEPARTMENTS/ ENTITIES/AGENCIES ARE TO ENCOURAGE MEDIATION UNDER THE MEDIATION ACT. 2023. THE SAID ACT HAS NOT YET BEEN NOTIFIED BY THE GOVERNMENT. THEREFORE, THE CLAUSE "SETTLEMENT OF DISPUTES" SHALL BE MODIFIED ACCORDINGLY AS AND WHEN THE MEDIATION ACT 2023 GETS NOTIFIED.	
34.	ARBITRATION (14.2) : 14.2.1 EXCEPT AS PROVIDED ELSEWHERE IN THIS CONTRACT, IN CASE PARTIES ARE UNABLE TO REACH AMICABLE SETTLEMENT (WHETHER BY CONCILIATION TO BE CONDUCTED AS PROVIDED IN CLAUSE 14.1 HEREIN ABOVE OR OTHERWISE) IN RESPECT OF ANY DISPUTE OR DIFFERENCE; ARISING OUT OF THE FORMATION, BREACH,	

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	TERMINATION, VALIDITY OR EXECUTION OF THE CONTRACT; OR, THE RESPECTIVE RIGHTS AND LIABILITIES OF THE PARTIES; OR, IN RELATION TO INTERPRETATION OF ANY PROVISION OF THE CONTRACT; OR, IN ANY MANNER TOUCHING UPON THE CONTRACT (HEREINAFTER REFERRED TO AS THE 'DISPUTE'), THEN, EITHER PARTY MAY, REFER THE DISPUTES TO ARBITRAL INSTITUTION (TO BE IDENTIFIED BY BHEL VARANASI) AND SUCH DISPUTE TO BE ADJUDICATED BY SOLE ARBITRATOR APPOINTED IN ACCORDANCE WITH THE RULES OF SAID ARBITRAL INSTITUTION. 14.2.2 A PARTY WILLING TO COMMENCE ARBITRATION PROCEEDING SHALL INVOKE ARBITRATION CLAUSE BY GIVING NOTICE TO THE OTHER PARTY IN TERMS OF SECTION 21 OF THE ARBITRATION & CONCILIATION ACT, 1996 (HEREINAFTER REFERRED TO AS THE 'NOTICE') BEFORE REFERRING THE MATTER TO ARBITRAL INSTITUTION. THE NOTICE SHALL BE ADDRESSED TO THE HEAD OF THE UNIT, BHEL, EXECUTING THE CONTRACT AND SHALL CONTAIN THE PARTICULARS OF ALL CLAIMS TO BE REFERRED TO ARBITRATION WITH SUFFICIENT DETAIL AND SHALL ALSO INDICATE THE MONETARY AMOUNT OF SUCH CLAIM INCLUDING INTEREST, IF ANY. 14.2.3 AFTER EXPIRY OF 30 DAYS FROM THE DATE OF RECEIPT OF AFORESAID NOTICE, THE PARTY INVOKING THE ARBITRATION SHALL SUBMIT THAT DISPUTE TO THE ARBITRAL INSTITUTIONS (TO BE IDENTIFIED BY BHEL VARANASI)AND THAT DISPUTE SHALL BE ADJUDICATED IN ACCORDANCE WITH THEIR RESPECTIVE ARBITRATION RULES. THE MATTER SHALL BE ADJUDICATED BY A SOLE ARBITRATOR WHO SHALL NECESSARILY BE A RETD JUDGE HAVING CONSIDERABLE EXPERIENCE IN COMMERCIAL MATTERS TO BE APPOINTED/NOMINATED BY THE RESPECTIVE INSTITUTION. THE COST/EXPENSES PERTAINING TO THE SAID ARBITRATION SHALL ALSO BE GOVERNED IN ACCORDANCE WITH THE RULES OF THE RESPECTIVE ARBITRAL INSTITUTION. THE DECISION OF THE PARTY INVOKING THE ARBITRATION FOR REFERENCE OF DISPUTE TO A SPECIFIC ARBITRAL INSTITUTION FOR ADJUDICATION OF THAT DISPUTE SHALL BE FINAL AND BINDING ON BOTH THE PARTIES AND SHALL NOT BE SUBJECT TO ANY CHANGE THEREAFTER. THE INSTITUTION ONCE SELECTED AT THE TIME OF INVOCATION OF DISPUTE SHALL REMAIN UNCHANGED. 14.2.4 THE FEE AND EXPENSES SHALL BE BORNE BY THE PARTIES AS PER THE ARBITRAL INSTITUTIONAL RULES. 14.2.5 THE ARBITRATION PROCEEDINGS SHALL BE IN ENGLISH LANGUAGE AND THE SEAT AND VENUE OF ARBITRATION SHALL BE AT Varanasi (U.P.). 14.2.6 SUBJECT TO THE ABOVE, THE PROVISIONS OF ARBITRATION & CONCILIATION ACT 1996 AND ANY AMENDMENT THEREOF SHALL BE APPLICABLE. ALL MATTERS RELATING TO THIS CONTRACT AND ARISING OUT OF INVOCATION OF ARBITRATION CLAUSE ARE SUBJECT TO THE EXCLUSIVE JURISDICTION OF THE COURT(S) SITUATED AT Varanasi (U.P.). 14.2.7 NOTWITHSTANDING ANY REFERENCE TO THE DESIGNATED ENGINEER OR CONCILIATION OR ARBITRATION HEREIN, A. THE PARTIES SHALL CONTINUE TO PERFORM THEIR RESPECTIVE OBLIGATIONS UNDER THE CONTRACT UNLESS THEY OTHERWISE AGREE. SETTLEMENT OF DISPUTE CLAUSE CANNOT BE INVOKED BY THE CONTRACTOR, IF THE CONTRACT HAS BEEN MUTUALLY CLOSED OR 'NO DEMAND CERTIFICATE' HAS BEEN FURNISHED BY THE CONTRACTOR OR ANY SETTLEMENT AGREEMENT HAS BEEN SIGNED BETWEEN THE EMPLOYER AND THE CONTRACTOR. 14.2.8 IT IS AGREED THAT MECHANISM OF RESOLUTION OF DISPUTES THROUGH ARBITRATION SHALL BE AVAILABLE ONLY IN THE CASES WHERE THE VALUE OF THE DISPUTE IS LESS THAN RS. 10 CRORES. 14.2.9 IN CASE THE DISPUTED AMOUNT CLAIM, COUNTER CLAIM INCLUDING INTEREST IS RS. 10 CRORES AND ABOVE, THE PARTIES SHALL BE WITHIN THEIR RIGHTS TO TAKE RECOURSE TO REMEDIES OTHER THAN ARBITRATION, AS MAY BE AVAILABLE TO THEM UNDER THE APPLICABLE LAWS AFTER PRIOR INTIMATION TO THE OTHER PARTY. SUBJECT TO THE AFORESAID CONDITIONS, PROVISIONS OF THE ARBITRATION AND CONCILIATION ACT, 1996 AND ANY STATUTORY MODIFICATIONS OR RE-ENACTMENT THEREOF AS AMENDED FROM TIME TO TIME, SHALL APPLY TO THE ARBITRATION PROCEEDINGS UNDER THIS CLAUSE. 14.2.10 IN CASE, MULTIPLE ARBITRATIONS ARE INVOKED (WHETHER SUB-JUDICE OR ARBITRAL AWARD PASSED) BY ANY PARTY TO UNDER THIS CONTRACT, THEN THE CUMULATIVE VALUE OF CLAIMS (INCLUDING INTEREST CLAIMED OR AWARDED) IN ALL SUCH ARBITRATIONS SHALL BE TAKEN IN ACCOUNT WHILE ARRIVING AT THE TOTAL CLAIM IN DISPUTE FOR THE SUBJECT CONTRACT FOR THE PURPOSE OF CLAUSE 14.2.9. DISPUTES HAVING CUMULATIVE VALUE OF LESS THAN 10 CRORES SHALL BE RESOLVED THROUGH ARBITRATION AND ANY ADDITIONAL DISPUTE SHALL BE ADJUDICATED BY THE COURT OF COMPETENT JURISDICTION. 14.2.11 IN CASE OF CONTRACT WITH PUBLIC SECTOR ENTERPRISE (PSE) OR A GOVERNMENT DEPARTMENT, THE FOLLOWING SHALL BE APPLICABLE: IN THE EVENT OF ANY DISPUTE OR DIFFERENCE RELATING TO THE INTERPRETATION AND APPLICATION OF THE PROVISIONS OF COMMERCIAL CONTRACT(S) BETWEEN CENTRAL PUBLIC SECTOR ENTERPRISES (CPSES)/ PORT TRUSTS INTER SE AND ALSO BETWEEN CPSES AND GOVERNMENT DEPARTMENTS/ORGANIZATIONS (EXCLUDING DISPUTES CONCERNING RAILWAYS, INCOME TAX, CUSTOMS & EXCISE DEPARTMENTS), SUCH DISPUTE OR DIFFERENCE SHALL BE TAKEN UP BY EITHER PARTY FOR RESOLUTION THROUGH AMRCD (ADMINISTRATIVE MECHANISM FOR RESOLUTION OF CPSES DISPUTES) AS MENTIONED IN DPE OM NO. 05/0003/2019-FTS-10937 DATED 14-12-2022 AS AMENDED FROM TIME TO TIME.	
35.	JURISDICTION : THIS CONTRACT SHALL BE GOVERNED BY THE LAW FOR THE TIME BEING IN FORCE IN THE REPUBLIC OF INDIA. THE CIVIL COURT HAVING ORIGINAL CIVIL JURISDICTION AT VARANASI-UP, SHALL ALONE HAVE EXCLUSIVE JURISDICTION IN REGARD TO ALL MATTERS IN RESPECT OF THE CONTRACT.	
36.	I. FOLLOWING DOCUMENTS SHOULD BE ENCLOSED AND ADDRESSED TO DGM (FINANCE) AND SAME SHALL BE DISPATCHED TO MM DEPTT. BHEL, HERP, TARNA, SHIVPUR, VARANASI-221003 FOR PAYMENT PURPOSE: 05 (FIVE) COPIES OF GST INVOICES - COPY OF GR/RR. - TEST CERTIFICATE AND GUARANTEE/WARRANTEE CERTIFICATE AND PDI REPORT, IF APPLICABLE. (ONE COPY). II. FURTHER TO ABOVE, 02 (TWO) COMPLETE SETS OF DOCUMENTS (COPIES OF ABOVE MENTIONED DOCUMENTS AT SL. NO. I FOR INDIAN SUPPLIERS (UNDER THIS CLAUSE) SHALL BE SENT FOR PURCHASE AND QUALITY DEPARTMENTS. ORIGINAL COPIES OF TC, GC, PDI REPORTS & OTHER QUALITY PAPERS SHALL BE ATTACHED IN THE SET OF DOCUMENTS FOR QUALITY DEPARTMENTS. III. THE VENDOR SHOULD PROVIDE BILLS & OTHER DOCUMENTS COMPLETE IN ALL RESPECT AS PER PURCHASE ORDER ALONGWITH DESPATCH OF MATERIALS. BHEL SHALL SEEK CLARIFICATION(S) (IF ANY) RELATED TO PAYMENT DOCUMENTS IN ONE GO. THE VENDOR SHOULD PROVIDE ALL SUCH CLARIFICATION(S) IMMEDIATELY. ANY DELAY IN PROCESSING OF PAYMENT, DUE TO NON RECEIPT OF CLARIFICATION(S) SOUGHT BY BHEL, SHALL BE ATTRIBUTABLE COMPLETELY TO VENDOR. IV. DIGITALLY SIGNED INVOICE IS ALSO ACCEPTABLE FOR PROCESSING OF PAYMENT.	
37.	THE VENDOR SHALL ENSURE THAT THEIR BANK DETAILS ARE UPDATED WITH US FOR TIMELY PAYMENT THROUGH EFT (ELECTRONICS FUND TRANSFER).	
38.	GUIDELINES FOR SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/ CONTRACTORS: THE REVISED GUIDELINES FOR SUSPENSION OF BUSSINESS DEALINGS ARE AVAILABLE ON BHEL WEBSITE AT "www.bhel.com" on "SUPPLIER REGISTRATION PAGE". RESPECTIVE BIDDERS / SUPPLIERS MAY REFER THIS BEFORE QUOTING AS PER THEIR REQUIREMENT. ACTION AGAINST THE DEFAULTED SUPPLIERS/ CONTRACTORS' SHALL BE TAKEN AS PER THESE GUIDELINES ONLY.	
39.	VENDOR MUST FOLLOW THE SEQUENTIAL DELIVERY SCHEDULE i.e. ITEMS TO BE SUPPLIED IN SUCH A MANNER THAT THE PURCHASE ORDER HAVING OLDER DELIVERY SCHEDULE SHOULD BE SUPPLIED EARLIER AND PURCHASE ORDER HAVING LATTER DELIVERY SCHEDULE TO BE SUPPLIED LATTER. IF ANY VENDOR DOES NOT FOLLOW THE SEQUENTIAL DELIVERY SCHEDULE ESPECIALLY FOR SAME ITEM, BHEL MAY ACCOUNT FOR THE ITEM IN SEQUENTIAL MANNER OR MAY RECOVER THE FINANCIAL IMPLICATION.	
40.	ALL ABOVE ACCEPTED TERMS & CONDITIONS SHALL BE PART OF PURCHASE ORDER WITH OR WITHOUT MENTIONING IN THE PO/CONTRACT BASED ON YOUR ACCEPTANCE AND OFFER SUBMITTED.	
41.	IMPORTANT INSTRUCTION:	

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	I.VENDORS ARE REQUESTED TO QUOTE THEIR RATE WITH DESCRIPTION MENTIONED IN THE ENQUIRY CONSIDERING ALL TECHNICAL TERMS & CONDITIONS OF THE ENQUIRY. ALSO RATES QUOTED SHOULD BE EXACTLY AS PER SL. NO. OF HARD COPY OF THE ENQUIRY (IF ENQUIRY HAS BEEN FLOATED THROUGH CONVENTIONAL MODE) OR AS PER SL. NO. APPEARING IN THE e-Procurement PORTAL (IF ENQUIRY HAS BEEN FLOATED THROUGH e-Procurement) ONLY. IT MUST BE FOLLOWED UP TO AVOID CONFUSION AT LATER STAGES. ALSO RATES TO BE SUBMITTED BOTH IN NUMERICS AS WELL AS IN WORD. IN CASE OF DISCREPENCY, RATES SUBMITTED IN WORDS SHALL BE CONSIDERED FOR FURTHER PROCESSING. II.DOCUMENTS SUBMITTED WITH THE OFFER SHOULD BE SIGNED AND STAMPED IN EACH PAGE BY AUTHORIZED REPRESENTATIVE OF THE BIDDER. III.IN CASE OF PDI, VENDOR SHALL RAISE ONLINE INSPECTION CALL IN ONLINE INSPECTION PORTAL/INTIMATE BHEL IN WRITTING (WHERE INSPECTION IS IN BHEL HERP SCOPE) AT LEAST 01 WEEK IN ADVANCE OR AS MUTUALLY AGREED PERIOD ABOUT THE DATE AND PLACE AT WHICH GOODS WILL BE READY FOR INSPECTION. IV.PURCHASER OR HIS AUTHORIZED REPRESENTATIVE SHALL BE ENTITLED TO CARRY OUT SURVEILLANCE INSPECTION OF MATERIAL AND WORKMANSHIP AT SELLER'S PREMISES OR AT HIS SUB-CONTRACTOR'S PREMISES AT ALL REASONABLE TIMES DURING EXECUTION OF THE CONTRACT. SUCH INSPECTION, EXAMINATION AND TESTING, IF MADE, SHALL NOT ABSOLVE THE SELLER FROM HIS OBLIGATIONS UNDER THE CONTRACT. V.SUCH PRE-DISPATCH INSPECTION, EXAMINATION AND TESTING, IF MADE, AT VENDOR'S WORKS SHALL NOT ABSOLVE THE SELLER FROM HIS OBLIGATIONS TO MANUFACTURE/MACHINING THE GOODS UNDER THE CONTRACT. IF DEFECTS ARE FOUND AT LATER STAGE, IT IS THE SOLE RESPONSIBILITY OF THE VENDOR TO REPLACE/RECTIFY THE SAME.	
42.	IMPORTANT CLAUSE FOR GST: INPUT TAX CREDIT OF GST CAN BE AVAILED BY BHEL ONLY WHEN THE MATERIAL HAS BEEN PHYSICALLY RECEIVED AND GST INVOICE IS IN POSSESSION OF BHEL. THEREFORE, SUPPLIERS SHOULD ENSURE THE FOLLOWING IN RESPECT OF POS ISSUED BY BHEL: I. GST INVOICE SHOULD CONTAIN ADDRESS, GST NO. AND PAN NO. OF BHEL AS WELL AS OF SUPPLIER. APPLICABLE HSN CODE OF THE MATERIAL SHOULD BE INDICATED IN THE GST INVOICE. II. FIVE COPIES OF GST INVOICE AND LORRY RECEIPT MAY BE DESPATCHED ALONGWITH SHIPMENT OF THE GOODS IN ORDER TO AVOID ANY DELAY IN AVAILING INPUT CREDIT BY BHEL. III. DECLARE SUCH INVOICE IN HIS GSTR-1 RETURN FOR THE MONTH OF DESPATCH OF MATERIAL. IV. PAYMENT OF GST TO STATUTORY AUTHORITIES WITHIN PRESCRIBED TIME. V. IN CASE OF DISCREPANCY IN THE DATA UPLOADED BY THE BIDDER IN THE GSTN PORTAL VIS-A-VIS THE TAX INVOICE OR IN CASE OF ANY SHORTAGES OR REJECTION IN THE SUPPLY, THEN BHEL WILL NOT BE ABLE TO AVAIL THE TAX CREDIT. BIDDER HAS TO RECTIFY THE DATA DISCREPANCY IN THE GSTN PORTAL OR ISSUE CREDIT NOTE OR DEBIT NOTE (DETAILS ALSO TO BE UPLOADED IN GSTN PORTAL) FOR THE SHORTAGES OR REJECTIONS IN THE SUPPLIES OR ADDITIONAL CLAIMS FOR PROCESSING OF SUCH INVOICES. VI. GST TDS DEDUCTED AS PER GST ACT, IS UPLOADED IN GSTN PORTAL ALONG GSTR7. BIDDERS CAN DIRECTLY DOWNLOAD THE GST TDS CERTIFICATE FROM THE GSTN PORTAL. IN CASE GST CREDIT IS DELAYED /DENIED TO BHEL DUE TO NON OR DELAYED RECEIPT OF GOODS AND OR TAX INVOICE OR EXPIRY OF TIMELINE PRESCRIBED IN GST LAW FOR AVAILING SUCH ITC OR ANY OTHER REASON NOT ATTRIBUTABLE TO BHEL, GST AMOUNT SHALL BE RECOVERABLE FROM VENDOR ALONG WITH INTEREST /PENALTY LEVIABLE ON BHEL. IN CASE SUPPLIERS DELAYS DECLARING SUCH INVOICE IN HIS RETURN AND GST CREDIT AVAILED BY BHEL IS DENIED OR REVERSED SUBSEQUENTLY AS PER GST LAW, GST AMOUNT PAID BY BHEL TOWARDS SUCH ITC REVERSAL SHALL BE RECOVERABLE FROM SUPPLIER ALONGWITH INTEREST LEVIED/LEVIABLE ON BHEL. IN CASE OF RAISING ANY SUPPLEMENTARY TAX INVOICE (DEBIT/ CREDIT NOTE), THE SUPPLIER SHALL ISSUE THE SAME CONTAINING ALL THE DETAILS AS REFERRED TO IN SECTION 34 READ WITH SECTION 31 OF GST ACT & RULES REFERRED THERE UNDER .	
43.	STATUTORY VARIATION CLAUSE : ANY INCREASE IN THE RATE OF GST SHALL BE PAYABLE ONLY FOR DELIVERIES COMPLETED WITHIN THE SCHEDULED DELIVERY PERIOD, IN OTHER WORDS INCREASE IN THE RATE OF GST SHALL NOT BE PAYABLE FOR VALUE OF CONSIGNMENT DELIVERED AFTER THE SCHEDULED PURCHASE ORDER DELIVERY PERIOD.2.NEW TAXES AND DUTIES , IF IMPOSED SUBSEQUENT TO DUE DATE OF OFFER SUBMISSION, BY STATUTORY AUTHORITY DURING CONTRACT PERIOD (INCLUDING EXTENSION IF THE SAME IS NOT ATTRIBUTABLE TO BIDDER) SHALL BE REIMBURSED BY BHEL ON PRODUCTION OF RELEVANT SUPPORTING DOCUMENTS TO THE SATISFACTION OF BHEL . HOWEVER, BIDDER SHALL TAKE PRIOR APPROVAL OF BHEL BEFORE DEPOSITING NEW TAXES AND DUTIES.	
44.	IMPORTANT INSTRUCTION FOR MSEs SUPPLIERS: I. "MSE SUPPLIERS CAN AVAIL THE INTENDED BENEFITS ONLY IF THEY SUBMIT ALONG WITH OFFER, ATTESTED COPIES OF EITHER EM-II CERTIFICATE HAVING DEEMED VALIDITY (FIVE YEARS FROM THE DATE OF ISSUE OF ACKNOWLEDGEMENT IN EM-II) OR VALID NSIC CERTIFICATE OR EM-II CERTIFICATE ALONG WITH CA CERTIFICATE (FORMAT ENCLOSED AS PER ANNEXURE-1 WHERE DEEMED VALIDITY OF EM-II CERTIFICATE OF FIVE YEARS HAS EXPIRED) APPLICABLE FOR THE RELEVANT F/Y (LATEST AUDITED).DATE TO BE RECKONED FOR DETERMINING THE DEEMED VALIDITY WILL BE THE DATE OF BID OPENING (PART -1 IN CASE OF TWO PART BID). NON SUBMISSION OF SUCH DOCUMENTS WILL LEAD TO CONSIDERATION OF THEIR BID AT PAR WITH OTHER BIDDERS. NO BENEFIT SHALL BE APPLICABLE FOR THIS ENQUIRY IF ANY DEFICIENCY IN THE ABOVE REQUIRED DOCUMENTS ARE NOT SUBMITTED BEFORE PRICE BID OPENING. IF THE TENDER IS TO BE SUBMITTED THROUGH e-procurement PORTAL, THEN THE ABOVE REQUIRED DOCUMENTS ARE TO BE UPLOADED ON THE PORTAL. DOCUMENTS SHOULD BE NOTARIZED OR ATTESTED BY A GAZETTED OFFICE. II.IN CASE OF ANY CHANGE IN THE MSE STATUS OF THE BIDDER, IT SHALL BE RESPONSIBILITY OF THE BIDDER TO NOTIFY THE CHANGE AS A PART OF THE BID DOCUMENT. IF AT A LATER DATE IT COMES TO NOTICE OF BHEL, THAT THE CHANGE IN THE STATUS HAS NOT BEEN INTIMATED BY THE BIDDER AND THE ORDER IS OBTAINED UNDER THE PREMISE OF AN MSE, THEN BHEL WOULD CANCEL THE PENDING ORDER AGAINST THIS TENDER AND TAKE NECESSARY ACTION SUSPENSION OF THE BUSSINESS DEALING WITH THE BIDDER AS PER PROCUREMENT POLICY OF BHEL. III.25 % OF THE TENDERED QUANTITY IS EARMARKED FOR MSE SUPPLIERS IN THIS TENDER. IV.OUT OF THIS 25% TENDERED QUANTITY RESERVED FOR MSE SUPPLIERS, 4 % SHALL BE EARMARKED FOR PROCUREMENT FROM MSEs OWNED BY SC/ST ENTREPRENEURS. V.OUT OF THIS 25% TENDERED QUANTITY RESERVED FOR MSE SUPPLIERS, 3% SHALL BE EARMARKED FOR PROCUREMENT FROM MSEs OWNED BY WOMEN. VI.IN CASE MSE VENDOR PARTICIPATING IN THE TENDER QUOTES WITHIN THE PRICE BAND OF "L1+15%", THEY WILL BE ALLOWED TO SUPPLY THE 25% PORTION OF THE REQUIREMENT SUBJECT TO ACCEPTANCE OF L1 PRICE (ON LANDED COST BASIS) BY MSE VENDOR. IN CASE OF MORE THAN ONE SUCH MSE VENDOR WITHIN THE "L1+15% PRICE BAND" THE SUPPLY SHALL BE SHARED PROPORTIONATELY (TO 25% TENDERED QUANTITY). VII.IF THE L1 VENDOR HAPPENS TO BE A MSE VENDOR AGAINST ANY ITEM CODE, THEN 100% OF THE TENDERED QTY (FOR RESPECTIVE ITEM CODE) SHALL BE PROPOSED TO ORDER ON THE L1 (MSE) VENDOR, EVEN THOUGH THERE MAY BE OTHER MSE VENDORS WITHIN THE "L1+15% PRICE BAND". VIII.IN CASE AFTER OPENING OF PRICE BID, IT IS SEEN THAT NO MSE HAS BECOME L1, THEN DEPENDING ON THE NATURE OF THE ITEM, IF IT IS NOT POSSIBLE TO SPLIT THE TENDERED ITEMS/QUANTITIES ON ACCOUNT OF REASONS LIKE CUSTOMER CONTRACT REQUIREMENTS OF SUPPLYING ONE MAKE FOR A GIVEN PROJECT OR TECHNICAL REASONS LIKE TENDERED ITEMS BEING A SYSTEM etc. THEN BHEL WOULD NOT COUNTER OFFER THE L1 PRICES EVEN THOUGH THERE MAY BE MSE BIDDERS WITHIN THE "L1+15% PRICE BAND" OF L1.	
45.	THE STARTUPS AS DEFINED IN THE GAZETTE OF INDIA NOTIFICATION NO.: G.S.R. 127 (E) DATED 19/02/2019 WILL BE EXEMPTED FROM FULFILLING THE CRITERIA, IF MENTIONED, IN THE PQR (PRE-QUALIFYING REQUIREMENT) REGARDING PRIOR TURNOVER AND PRIOR EXPERIENCE. HOWEVER, THERE MAY BE CIRCUMSTANCES (LIKE PROCUREMENTS OF ITEMS RELATED TO PUBLIC SAFETY, HEALTH, CRITICAL SECURITY OPERATIONS AND EQUIPMENTS ETC.) WHERE BHEL MAY PREFER THE VENDORS TO HAVE PRIOR EXPERIENCE RATHER THAN GIVING ORDER TO NEW ENTITIES. FOR SUCH PROCUREMENTS, BHEL MAY NOT RELAX THE CRITERIA OF PRIOR EXPERIENCE/TURNOVER FOR THE STARTUPS.	
46.	PURCHASE PREFERENCE FOR INDIAN VENDORS: FOR THIS PROCUREMENT, THE LOCAL CONTENT TO CATEGORIZE A SUPPLIER AS A CLASS I LOCAL SUPPLIER / CLASS II LOCAL SUPPLIER /NON LOCAL – SUPPLIER AND PURCHASE PREFERENCE TO CLASS I LOCAL SUPPLIER, IS AS DEFINED IN PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 04.06.2020 ISSUED BY DPIIT. IN CASE OF SUBSEQUENT ORDERS ISSUED BY THE NODAL MINISTRY, CHANGING THE DEFINITION OF LOCAL CONTENT FOR THE ITEMS OF THE NIT, THE SAME SHALL BE APPLICABLE EVEN IF ISSUED AFTER ISSUE OF THIS NIT, BUT BEFORE OPENING OF PART –II BIDS AGAINST THIS NIT. MODEL CLAUSE FOR TENDER. I. ANY BIDDER FROM A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA WILL BE ELIGIBLE TO BID IN THIS TENDER ONLY IF THE BIDDER IS REGISTERED WITH THE COMPETENT AUTHORITY.	

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	II. "BIDDER" (INCLUDING THE TERM 'TENDERER', 'CONSULTANT' OR 'SERVICE PROVIDER' IN CERTAIN CONTEXTS) MEANS ANY PERSON OR FIRM OR COMPANY, INCLUDING ANY MEMBER OF A CONSORTIUM OR JOINT VENTURE (THAT IS AN ASSOCIATION OF SEVERAL PERSONS, OR FIRMS OR COMPANIES), EVERY ARTIFICIAL JURIDICAL PERSON NOT FALLING IN ANY OF THE DESCRIPTIONS OF BIDDERS STATED HEREINBEFORE, INCLUDING ANY AGENCY BRANCH OR OFFICE CONTROLLED BY SUCH PERSON, PARTICIPATING IN A PROCUREMENT PROCESS. III. "BIDDER FROM A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA" FOR THE PURPOSE OF THIS ORDER MEANS: - a) AN ENTITY INCORPORATED, ESTABLISHED OR REGISTERED IN SUCH A COUNTRY; OR b) A SUBSIDIARY OF AN ENTITY INCORPORATED, ESTABLISHED OR REGISTERED IN SUCH A COUNTRY; OR c) AN ENTITY SUBSTANTIALLY CONTROLLED THROUGH ENTITIES INCORPORATED, ESTABLISHED OR REGISTERED IN SUCH A COUNTRY; OR d) AN ENTITY WHOSE BENEFICIAL OWNER IS SITUATED IN SUCH A COUNTRY; OR e) AN INDIAN (OR OTHER) AGENT OF SUCH AN ENTITY; OR f) A NATURAL PERSON WHO IS A CITIZEN OF SUCH A COUNTRY; OR g) A CONSORTIUM OR JOINT VENTURE WHERE ANY MEMBER OF THE CONSORTIUM OR JOINT VENTURE FALLS UNDER ANY OF THE ABOVE IV. THE BENEFICIAL OWNER FOR THE PURPOSE OF (III) ABOVE WILL BE AS UNDER: 1. IN CASE OF A COMPANY OR LIMITED LIABILITY PARTNERSHIP, THE BENEFICIAL OWNER IS THE NATURAL PERSON (S) WHO, WHETHER ACTING ALONE OR TOGETHER, OR THROUGH ONE OR MORE JURIDICAL PERSON, HAS A CONTROLLING OWNERSHIP INTEREST OR WHO EXERCISES CONTROL THROUGH OTHER MEANS. EXPLANATION – a. "CONTROLLING OWNERSHIP INTEREST" MEANS OWNERSHIP OF OR ENTITLEMENT TO MORE THAN TWENTY-FIVE PER CENT. OF SHARES OR CAPITAL OR PROFITS OF THE COMPANY b. "CONTROL" SHALL INCLUDE THE RIGHT TO APPOINT MAJORITY OF THE DIRECTORS OR TO CONTROL THE MANAGEMENT OR POLICY DECISIONS INCLUDING BY VIRTUE OF THEIR SHAREHOLDING OR MANAGEMENT RIGHTS OR SHAREHOLDER'S AGREEMENTS OF VOTING AGREEMENTS; 2. IN CASE OF A PARTNERSHIP FIRM, THE BENEFICIAL OWNER IS THE NATURAL PERSON (S) WHO, WHETHER ACTING ALONE OR TOGETHER, OR THROUGH ONE OR MORE JURIDICAL OF CAPITAL OR PROFITS OF THE PARTNERSHIP; 3. IN CASE OF AN UNINCORPORATED ASSOCIATION OR BODY OF INDIVIDUALS, THE BENEFICIAL OWNER IS THE NATURAL PERSON (S), WHO, WHETHER ACTING ALONE OR TOGETHER, OR THROUGH ONE OR MORE JURIDICAL PERSON, HAS OWNERSHIP OF OR ENTITLEMENT TO MORE THAN FIFTEEN PERCENT OF THE PROPERTY OF CAPITAL OF PROFITS OF SUCH ASSOCIATION OR BODY OF INDIVIDUALS; 4. WHERE NO NATURAL PERSON IS IDENTIFIED UNDER (1) OR (2) OR (3) ABOVE, THE BENEFICIAL OWNER IS THE RELEVANT NATURAL PERSON WHO HOLDS THE POSITION OF SENIOR MANAGING OFFICIAL; 5. IN CASE OF TRUST, THE IDENTIFICATION OF BENEFICIAL OWNER (S) SHALL INCLUDE IDENTIFICATION OF THE AUTHOR OF THE TRUST, THE TRUSTEE, THE BENEFICIARIES WITH FIFTEEN PERCENT OR MORE INTEREST IN THE TRUST AND ANY OTHER NATURAL PERSON EXERCISING ULTIMATE EFFECTIVE CONTROL OVER THE TRUST THROUGH A CHAIN OF CONTROL OR OWNERSHIP. V. AN AGENT IS A PERSON EMPLOYED TO DO ANY ACT FOR ANOTHER, OR TO REPRESENT ANOTHER IN DEALINGS WITH THIRD PERSON. CERTIFICATE: IN ORDER TO AVAIL THE BENEFITS, VENDORS TO SUBMIT (ALONG WITH OFFER) THE SELF-CERTIFICATION THAT THE ITEM OFFERED MEETS THE CONTENT REQUIREMENT FOR CLASS-I/ CLASS-II LOCAL SUPPLIER AS THE CASE MAY BE, INDICATING THE PERCENTAGE OF LOCAL CONTENT. AND SHALL GIVE DETAILS OF LOCATION AT WHICH THE LOCAL VALUE ADDITION IS MADE (refer attached Make in India (Model Certificate no I)).	
47.	13.1 "FORCE MAJEURE" SHALL MEAN CIRCUMSTANCE WHICH IS: A) BEYOND CONTROL OF EITHER OF THE PARTIES TO CONTRACT, B) EITHER OF THE PARTIES COULD NOT REASONABLY HAVE PROVIDED AGAINST THE EVENT BEFORE ENTERING INTO THE CONTRACT, C) HAVING ARISEN, EITHER OF THE PARTIES COULD NOT REASONABLY HAVE AVOIDED OR OVERCOME, AND D) IS NOT SUBSTANTIALLY ATTRIBUTABLE TO EITHER OF THE PARTIES AND PREVENTS THE PERFORMANCE OF THE CONTRACT SUCH CIRCUMSTANCES INCLUDE BUT SHALL NOT BE LIMITED TO: I) WAR, HOSTILITIES, INVASION, ACT OF FOREIGN ENEMIES. II) REBELLION, TERRORISM, REVOLUTION, INSURRECTION, MILITARY OR USURPED POWER, OR CIVIL WAR. III) RIOT, COMMOTION OR DISORDER BY PERSONS OTHER THAN THE CONTRACTOR'S PERSONNEL AND OTHER EMPLOYEES OF THE CONTRACTOR AND SUB-CONTRACTORS. IV) STRIKE OR LOCKOUT NOT SOLELY INVOLVING THE CONTRACTOR'S PERSONNEL AND OTHER EMPLOYEES OF THE CONTRACTOR AND SUB-CONTRACTORS. V) ENCOUNTERING MUNITIONS OF WAR, EXPLOSIVE MATERIALS, IONIZING RADIATION OR CONTAMINATION BY RADIO-ACTIVITY, EXCEPT AS MAY BE ATTRIBUTABLE TO THE CONTRACTOR'S USE OF SUCH MUNITIONS, EXPLOSIVES, RADIATION OR RADIO- ACTIVITY. VI) NATURAL CATASTROPHES SUCH AS EARTHQUAKE, TSUNAMI, VOLCANIC ACTIVITY, HURRICANE OR TYPHOON, FLOOD, FIRE, CYCLONES ETC. VII) EPIDEMIC, PANDEMIC ETC 13.2 THE FOLLOWING EVENTS ARE EXPLICITLY EXCLUDED FROM FORCE MAJEURE AND ARE SOLELY THE RESPONSIBILITIES OF THE NON-PERFORMING PARTY: A) ANY STRIKE, WORK-TO-RULE ACTION, GO-SLOW OR SIMILAR LABOUR DIFFICULTY (B) LATE DELIVERY OF EQUIPMENT OR MATERIAL (UNLESS CAUSED BY FORCE MAJEURE EVENT) AND (C) ECONOMIC HARDSHIP. 13.3 IF EITHER PARTY IS PREVENTED, HINDERED OR DELAYED FROM OR IN PERFORMING ANY OF ITS OBLIGATIONS UNDER THE CONTRACT BY AN EVENT OF FORCE MAJEURE, THEN IT SHALL NOTIFY THE OTHER IN WRITING OF THE OCCURRENCE OF SUCH EVENT AND THE CIRCUMSTANCES THEREOF WITHIN 15 (FIFTEEN) DAYS AFTER THE OCCURRENCE OF SUCH EVENT. 13.4 THE PARTY WHO HAS GIVEN SUCH NOTICE SHALL BE EXCUSED FROM THE PERFORMANCE OR PUNCTUAL PERFORMANCE OF ITS OBLIGATIONS UNDER THE CONTRACT FOR SO LONG AS THE RELEVANT EVENT OF FORCE MAJEURE CONTINUES AND TO THE EXTENT THAT SUCH PARTY'S PERFORMANCE IS PREVENTED, HINDERED OR DELAYED. THE TIME FOR COMPLETION SHALL BE EXTENDED BY A PERIOD OF TIME EQUAL TO PERIOD OF DELAY CAUSED DUE TO SUCH FORCE MAJEURE EVENT. 13.5 DELAY OR NON-PERFORMANCE BY EITHER PARTY HERETO CAUSED BY THE OCCURRENCE OF ANY EVENT OF FORCE MAJEURE SHALL NOT I) CONSTITUTE A DEFAULT OR BREACH OF THE CONTRACT. II) GIVE RISE TO ANY CLAIM FOR DAMAGES OR ADDITIONAL COST EXPENSE OCCASIONED THEREBY, IF AND TO THE EXTENT THAT SUCH DELAY OR NON-PERFORMANCE IS CAUSED BY THE OCCURRENCE OF AN EVENT OF FORCE MAJEURE. 13.6 BHEL AT ITS DISCRETION MAY CONSIDER SHORT CLOSURE OF CONTRACT AFTER 1 YEAR OF IMPOSITION OF FORCE MAJEURE IN LINE WITH EXTANT GUIDELINES. IN ANY CASE, SUPPLIER/VENDOR CANNOT CONSIDER DEEMED SHORT-CLOSURE AFTER 1 YEAR OF IMPOSITION OF FORCE MAJEURE.	
48.	FRAUD PREVENTION POLICY : THE BIDDER ALONG WITH ITS ASSOCIATE/ COLLABORATORS/ SUB-CONTRACTORS/ SUB-VENDORS/ CONSULTANTS/ SERVICE PROVIDERS SHALL STRICTLY ADHERE TO BHEL FRAUD PREVENTION POLICY DISPLAYED ON BHEL WEBSITE. WWW.BHEL.COM AND SHALL IMMEDIATELY BRING TO THE NOTICE OF BHEL MANAGEMENT ABOUT ANY FRAUD OR SUSPECTED FRAUD AS SOON AS IT COMES TO THEIR NOTICE.	
49.	SHORT SHIPMENTS/ WARRANTY/GUARANTEE REPLACEMENTS: IN CASE OF ANY SHORT SHIPMENT DURING INITIAL SUPPLY WHICH IS SUBSEQUENTLY DISPATCHED BY THE VENDOR OR ANY GUARANTEE / WARRANTY REPLACEMENTS SHALL BE DISPATCHED ON "FOR-BHEL STORES/DESIGNATED DESTINATION" BASIS FOR INDIGENOUS	

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	ITEMS. TAXES, IF ANY PAID BY INDIGENOUS VENDOR FOR GUARANTEE /WARRANTEE REPLACEMENT, REPAIR ACTIVITY EXCLUDING SHORT SUPPLY SHALL BE TO VENDOR'S ACCOUNT ONLY. THE VENDOR HAS TO RAISE A CREDIT NOTE FOR SHORT SUPPLIED QUANTITY AS PER GST PROVISIONS.	
50.	E WAY BILL: THE SUPPLIER HAS TO ARRANGE FOR E WAY BILL AS APPLICABLE FOR ANY MOVEMENT OF GOODS ALONG WITH OTHER PRESCRIBED DOCUMENTS AS PER GST LAW. THE SUPPLIER HAS ALSO TO COMPLY WITH ANY AMENDMENT AS PRESCRIBED FROM TIME TO TIME UNDER E WAY BILL RULE. ANY FINANCIAL IMPLICATION ARISES ON BHEL DUE TO NONCOMPLIANCE OF E WAY BILL RULE WILL BE PASSED ON TO THE SUPPLIER.	
51.	THE BIDDER DECLARES THAT THEY WILL NOT ENTER INTO ANY ILLEGAL OR UNDISCLOSED AGREEMENT OR UNDERSTANDING, WHETHER FORMAL OR INFORMAL WITH OTHER BIDDER (S). THIS APPLIES IN PARTICULAR TO PRICES, SPECIFICATIONS, CERTIFICATIONS, SUBSIDIARY CONTRACTS, SUBMISSION OR NON- SUBMISSION OF BIDS OR ANY OTHER ACTIONS TO RESTRICT COMPETITIVENES OR TO INTRODUCE CARTELIZATION IN THE BIDDING PROCESS. IN CASE, THE BIDDER IS FOUND HAVING INDULGED IN ABOVE ACTIVITIES, SUITABLE ACTION SHALL BE TAKEN BY BHEL AS PER EXTANT POLICIES / GUIDELINES.	
52.	THE BIDDER SHALL REGISTER THEMSELVES ON GEM PORTAL AND SHALL QUOTE THEIR GEM SELLER ID IN THEIR OFFER. GEM SELLER ID IS MANDATORY FOR PLACEMENT OF PURCHASE ORDER EXCEPT IN CASES WHERE FREE ISSUE MATERIAL IS TO BE ISSUED BY BHEL .	
53.	REJECTION/REPLACEMENT: THE SELLER SHALL ARRANGE REPLACEMENT / REPAIR UNDER ITS OBLIGATION UNDER THE CONTRACT. SELLER SHALL BE GIVEN GROUND RENT FREE PERIOD OF 90 DAYS FROM THE DATE OF REJECTION TO LIFT REJECTED MATERIAL. BEYOND 90 DAYS, A GROUND RENT OF 0.25% OF VALUE OF REJECTED MATERIAL PER WEEK WILL BE LEVIED FOR A MAXIMUM PERIOD OF 4 WEEKS. BEYOND THIS PERIOD SUPPLIER FORFEITS THEIR RIGHT TO THE MATERIALS.	
54.	TREATMENT OF CASES REGARDING CONFLICT OF INTEREST: THE BIDDER NOTES THAT A CONFLICT OF INTEREST WOULD SAID TO HAVE OCCURRED IN THE TENDER PROCESS AND EXECUTION OF THE RESULTANT CONTRACT, IN CASE OF ANY OF THE FOLLOWING SITUATIONS: I) IF ITS PERSONNEL HAVE A CLOSE PERSONAL, FINANCIAL, OR BUSINESS RELATIONSHIP WITH ANY PERSONNEL OF BHEL WHO ARE DIRECTLY OR INDIRECTLY RELATED TO THE PROCUREMENT OR EXECUTION PROCESS OF THE CONTRACT, WHICH CAN AFFECT THE DECISION OF BHEL DIRECTLY OR INDIRECTLY; II) THE BIDDER (OR HIS ALLIED FIRM) PROVIDED SERVICES FOR THE NEED ASSESSMENT/ PROCUREMENT PLANNING OF THE TENDER PROCESS IN WHICH IT IS PARTICIPATING; III) PROCUREMENT OF GOODS DIRECTLY FROM THE MANUFACTURERS/ SUPPLIERS SHALL BE PREFERRED. HOWEVER, IF THE OEM/ PRINCIPAL INSISTS ON ENGAGING THE SERVICES OF AN AGENT, SUCH AGENT SHALL NOT BE ALLOWED TO REPRESENT MORE THAN ONE MANUFACTURER/ SUPPLIER IN THE SAME TENDER. MOREOVER, EITHER THE AGENT COULD BID ON BEHALF OF THE MANUFACTURER/ SUPPLIER OR THE MANUFACTURER/ SUPPLIER COULD BID DIRECTLY BUT NOT BOTH. IN CASE BIDS ARE RECEIVED FROM BOTH THE MANUFACTURER/ SUPPLIER AND THE AGENT, BID RECEIVED FROM THE AGENT SHALL BE IGNORED. HOWEVER, THIS SHALL NOT DEBAR MORE THAN ONE AUTHORISED DISTRIBUTOR (WITH/ OR WITHOUT THE OEM) FROM QUOTING EQUIPMENT MANUFACTURED BY AN ORIGINAL EQUIPMENT MANUFACTURER (OEM) IN PROCUREMENTS UNDER A PROPRIETARY ARTICLE CERTIFICATE. IV) A BIDDER PARTICIPATES IN MORE THAN ONE BID IN THIS TENDER PROCESS. PARTICIPATION IN ANY CAPACITY BY A BIDDER (INCLUDING THE PARTICIPATION OF A BIDDER AS A PARTNER/ JV MEMBER OR SUB-CONTRACTOR IN ANOTHER BID OR VICE-VERSA) IN MORE THAN ONE BID SHALL RESULT IN THE DISQUALIFICATION OF ALL BIDS IN WHICH HE IS A PARTY. HOWEVER, THIS DOES NOT LIMIT THE PARTICIPATION OF AN ENTITY AS A SUB-CONTRACTOR IN MORE THAN ONE BID IF HE IS NOT BIDDING INDEPENDENTLY IN HIS OWN NAME OR AS A MEMBER OF A JV. THE BIDDER DECLARES THAT THEY HAVE READ AND UNDERSTOOD THE ABOVE ASPECTS, AND THE BIDDER CONFIRMS THAT SUCH CONFLICT OF INTEREST DOES NOT EXIST AND UNDERTAKES THAT THEY WILL NOT ENTER INTO ANY ILLEGAL OR UNDISCLOSED AGREEMENT OR UNDERSTANDING, WHETHER FORMAL OR INFORMAL WITH OTHER BIDDER(S), IN THIS REGARD. THIS APPLIES IN PARTICULAR TO PRICES, SPECIFICATIONS, CERTIFICATIONS, SUBSIDIARY CONTRACTS, SUBMISSION OR NON-SUBMISSION OF BIDS OR ANY OTHER ACTIONS TO RESTRICT COMPETITIVENESS OR TO INTRODUCE CARTELIZATION IN THE BIDDING PROCESS. IN CASE, THE BIDDER IS FOUND HAVING INDULGED IN ABOVE ACTIVITIES, THE SAME WILL BE CONSIDERED AS A VIOLATION OF THE TENDER CONDITIONS, AND SUITABLE ACTION SHALL BE TAKEN BY BHEL AS PER EXTANT POLICIES/ GUIDELINES.	
55.	VENDOR MUST VISIT OUR WEBSITE https://herp.bhel.com REGULARLY FOR ENQUIRY/PO/CLARIFICATIONS/FOR ANY LATEST UPDATES.	
56.	MSME VENDORS CAN AVAIL BENEFITS OF PAYMENT THROUGH TREDS.	
57.	"THE OFFERS OF THE BIDDERS WHO ARE UNDER SUSPENSION AS ALSO THE OFFERS OF THE BIDDERS, WHO ENGAGE THE SERVICES OF THE FIRMS DEBARRED ACROSS BHEL, SHALL BE REJECTED. THE LIST OF FIRMS DEBARRED ACROSS BHEL IS AVAILABLE ON BHEL WEBSITE WWW.BHEL.COM. 1.0 INTEGRITY COMMITMENT, PERFORMANCE OF THE CONTRACT AND PUNITIVE ACTION THEREOF: 1.1. COMMITMENT BY BHEL: BHEL COMMITS TO TAKE ALL MEASURES NECESSARY TO PREVENT CORRUPTION IN CONNECTION WITH THE TENDER PROCESS AND EXECUTION OF THE CONTRACT. BHEL WILL DURING THE TENDER PROCESS TREAT ALL BIDDER(S) IN A TRANSPARENT AND FAIR MANNER, AND WITH EQUITY. 1.2. COMMITMENT BY BIDDER/ SUPPLIER/ CONTRACTOR: 1.2.1. THE BIDDER/ SUPPLIER/ CONTRACTOR COMMIT TO TAKE ALL MEASURES TO PREVENT CORRUPTION AND WILL NOT DIRECTLY OR INDIRECTLY INFLUENCE ANY DECISION OR BENEFIT WHICH HE IS NOT LEGALLY ENTITLED TO NOR WILL ACT OR OMIT IN ANY MANNER WHICH TANTAMOUNT TO AN OFFENCE PUNISHABLE UNDER ANY PROVISION OF THE INDIAN PENAL CODE, 1860 OR ANY OTHER LAW IN FORCE IN INDIA. 1.2.2. THE BIDDER/ SUPPLIER/ CONTRACTOR WILL, WHEN PRESENTING HIS BID, DISCLOSE ANY AND ALL PAYMENTS HE HAS MADE, AND IS COMMITTED TO OR INTENDS TO MAKE TO AGENTS, BROKERS OR ANY OTHER INTERMEDIARIES IN CONNECTION WITH THE AWARD OF THE CONTRACT AND SHALL ADHERE TO RELEVANT GUIDELINES ISSUED FROM TIME TO TIME BY GOVT. OF INDIA/ BHEL. 1.2.3. THE BIDDER/ SUPPLIER/ CONTRACTOR WILL PERFORM/ EXECUTE THE CONTRACT AS PER THE CONTRACT TERMS & CONDITIONS AND WILL NOT DEFAULT WITHOUT ANY REASONABLE CAUSE, WHICH CAUSES LOSS OF BUSINESS/ MONEY/ REPUTATION, TO BHEL. IF ANY BIDDER/ SUPPLIER/ CONTRACTOR DURING PRE-TENDERING/ TENDERING/ POST TENDERING/ AWARD/ EXECUTION/ POST-EXECUTION STAGE INDULGES IN MALPRACTICES, CHEATING, BRIBERY, FRAUD OR AND OTHER MISCONDUCT OR FORMATION OF CARTEL SO AS TO INFLUENCE THE BIDDING PROCESS OR INFLUENCE THE PRICE OR ACTS OR OMTS IN ANY MANNER WHICH TANTAMOUNT TO AN OFFENCE PUNISHABLE UNDER ANY PROVISION OF THE INDIAN PENAL CODE, 1860 OR ANY OTHER LAW IN FORCE IN INDIA, THEN, ACTION MAY BE TAKEN AGAINST SUCH BIDDER/ SUPPLIER/ CONTRACTOR AS PER EXTANT GUIDELINES OF THE COMPANY AVAILABLE ON WWW. BHEL.COM AND/OR UNDER APPLICABLE LEGAL PROVISIONS".	
58.	BID SECURITY OR EARNEST MONEY DEPOSIT (EMD): TO SAFE GUARD AGAINST A BIDDER'S WITHDRAWING OR ALTERING ITS/ HIS BID DURING THE BID VALIDITY PERIOD, BID SECURITY [ALSO KNOWN AS EARNEST MONEY DEPOSIT (EMD)] SHALL BE OBTAINED FROM THE BIDDERS ALONG WITH THEIR BIDS (EXCEPT MICRO AND SMALL ENTERPRISES (MSES) OR STARTUPS AS RECOGNIZED BY DEPARTMENT FOR PROMOTION OF INDUSTRY AND INTERNAL TRADE (DPIIT)). THE AMOUNT OF EMD SHALL BE AS MENTIONED IN ENQUIRY. 1. MODES OF DEPOSIT A) THE EMD MAY BE ACCEPTED ONLY IN THE FOLLOWING FORMS AND THE SAME MUST BE SUBMITTED BEFORE TENDER OPENING: (I) ELECTRONIC FUND TRANSFER CREDITED IN BHEL ACCOUNT. (II) BANKER'S CHEQUE/ PAY ORDER/ DEMAND DRAFT, IN FAVOUR OF BHEL. (III) FIXED DEPOSIT RECEIPT (FDR).(IN THE NAME OF " BIDDER'S NAME A/C BHEL") (IV) BANK GUARANTEE FROM ANY OF THE SCHEDULED BANKS. (V) INSURANCE SURETY BONDS. B) IN CASE THE EMD IS MORE THAN RUPEES TWO LAKH AND IN CASE OF FOREIGN BIDDERS, IT MAY BE IN THE FORM OF A BANK GUARANTEE (IN EQUIVALENT FOREIGN EXCHANGE AMOUNT, IN CASE OF FOREIGN BIDDERS) ISSUED/ CONFIRMED FROM ANY OF THE SCHEDULED COMMERCIAL BANK IN INDIA IN AN ACCEPTABLE FORM. THE EMD SHALL REMAIN VALID FOR A PERIOD OF 45 (FORTY-FIVE) DAYS BEYOND THE FINAL BID VALIDITY PERIOD. 2. FORFEITURE OF EMD	

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	I) A BIDDER'S EMD WILL BE FORFEITED IF THE BIDDER WITHDRAWS OR AMENDS ITS/HIS TENDER OR IMPAIRS OR DEROGATES FROM THE TENDER IN ANY RESPECT WITHIN THE PERIOD OF VALIDITY OF THE TENDER OR IF THE SUCCESSFUL BIDDER FAILS TO FURNISH THE REQUIRED PERFORMANCE SECURITY WITHIN THE SPECIFIED PERIOD MENTIONED IN THE TENDER. (II) EMD BY THE TENDERER SHALL BE WITHHELD IN CASE ANY ACTION ON THE BIDDER IS ENVISAGED UNDER THE PROVISIONS OF EXTANT "GUIDELINES ON SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS/ CONTRACTORS" AND FORFEITED/ RELEASED BASED ON THE ACTION AS DETERMINED UNDER THESE GUIDELINES. 3. RETURN OF EMD (I) BID SECURITIES OF THE UNSUCCESSFUL BIDDERS SHALL BE RETURNED TO BIDDER AT THE EARLIEST AFTER EXPIRY OF THE FINAL BID VALIDITY PERIOD AND LATEST BY THE 30TH DAY AFTER THE AWARD OF THE CONTRACT. HOWEVER, IN CASE OF TWO PACKET OR TWO STAGE BIDDING, BID SECURITIES OF UNSUCCESSFUL BIDDERS DURING FIRST STAGE I.E. TECHNICAL EVALUATION ETC. SHALL BE RETURNED WITHIN 30 DAYS OF DECLARATION OF RESULT OF FIRST STAGE I.E. TECHNICAL EVALUATION ETC. (II) BID SECURITY SHALL BE REFUNDED TO THE SUCCESSFUL BIDDER ON CONCLUSION OF THE ORDER/ RECEIPT OF A PERFORMANCE SECURITY (IF CALLED IN THE TENDER). (III) EMD SHALL NOT CARRY ANY INTEREST.	
59.	PERFORMANCE SECURITY (PS): TO ENSURE DUE PERFORMANCE OF THE CONTRACT, PERFORMANCE BANK GUARANTEE (PBG) OR SECURITY DEPOSIT (SD), HEREAFTER REFERRED AS PERFORMANCE SECURITY SHALL BE OBTAINED FROM THE SUCCESSFUL BIDDER AWARDED THE CONTRACT. THE PERFORMANCE SECURITY OF REQUIRED AMOUNT IS TO BE SUBMITTED BY THE DATE SPECIFIED IN THE PO/CONTRACT. 1. MODES OF DEPOSIT: A) PERFORMANCE SECURITY MAY BE FURNISHED IN THE FOLLOWING FORMS: (I) LOCAL CHEQUES OF SCHEDULED BANKS (SUBJECT TO REALIZATION)/ PAY ORDER/ DEMAND DRAFT/ ELECTRONIC FUND TRANSFER IN FAVOUR OF BHEL. (II) BANK GUARANTEE FROM SCHEDULED BANKS / PUBLIC FINANCIAL INSTITUTIONS AS DEFINED IN THE COMPANIES ACT. THE BANK GUARANTEE FORMAT SHOULD HAVE THE APPROVAL OF BHEL. (III) FIXED DEPOSIT RECEIPT ISSUED BY SCHEDULED BANKS / PUBLIC FINANCIAL INSTITUTIONS AS DEFINED IN THE COMPANIES ACT (FDR SHOULD BE IN THE NAME OF THE CONTRACTOR, A/C BHEL). (IV) SECURITIES AVAILABLE FROM INDIAN POST OFFICES SUCH AS NATIONAL SAVINGS CERTIFICATES, KISAN VIKAS PATRAS ETC. (HELD IN THE NAME OF CONTRACTOR FURNISHING THE SECURITY AND DULY ENDORSED/ HYPOTHECATED/ PLEDGED, AS APPLICABLE, IN FAVOUR OF BHEL). (V) INSURANCE SURETY BOND. (NOTE: BHEL WILL NOT BE LIABLE OR RESPONSIBLE IN ANY MANNER FOR THE COLLECTION OF INTEREST OR RENEWAL OF THE DOCUMENTS OR IN ANY OTHER MATTER CONNECTED THEREWITH) B) IN CASE OF GTE TENDERS, THE PERFORMANCE SECURITY SHALL BE IN THE SAME CURRENCY AS THE CONTRACT AND MUST CONFORM TO UNIFORM RULES FOR DEMAND GUARANTEES (URDG 758) - AN INTERNATIONAL CONVENTION REGULATING INTERNATIONAL SECURITIES. (C) PERFORMANCE SECURITY IS TO BE FURNISHED WITHIN A SPECIFIED DATE (GENERALLY 14(FOURTEEN) DAYS AFTER NOTIFICATION OF THE AWARD) AND IT SHOULD REMAIN VALID FOR A PERIOD OF 60 (SIXTY) DAYS BEYOND THE DATE OF COMPLETION OF ALL CONTRACTUAL OBLIGATIONS OF THE SUPPLIER, INCLUDING WARRANTY OBLIGATIONS. "BIDDER AGREES TO SUBMIT PERFORMANCE SECURITY REQUIRED FOR EXECUTION OF THE CONTRACT WITHIN THE TIME PERIOD MENTIONED. IN CASE OF DELAY IN SUBMISSION OF PERFORMANCE SECURITY, ENHANCED PERFORMANCE SECURITY WHICH WOULD INCLUDE INTEREST (SBI/ RATE + 6%) FOR THE DELAYED PERIOD, SHALL BE SUBMITTED BY THE BIDDER. FURTHER, IF PERFORMANCE SECURITY IS NOT SUBMITTED TILL SUCH TIME THE FIRST BILL BECOMES DUE, THE AMOUNT OF PERFORMANCE SECURITY DUE SHALL BE RECOVERED AS PER TERMS DEFINED IN NIT CONTRACT, FROM THE BILLS ALONG WITH DUE INTEREST" 2. FORFEITURE OF PERFORMANCE SECURITY: THE PERFORMANCE SECURITY WILL BE FORFEITED AND CREDITED TO BHEL'S ACCOUNT IN THE EVENT OF A BREACH OF CONTRACT BY THE SUPPLIER. 3. RETURN OF PERFORMANCE SECURITY (PS): PS SHALL BE REFUNDED TO THE BIDDER WITHOUT INTEREST, AFTER HE DULY PERFORMS AND COMPLETES THE CONTRACT IN ALL RESPECTS BUT NOT LATER THAN 60(SIXTY) DAYS OF COMPLETION OF ALL SUCH OBLIGATIONS INCLUDING THE WARRANTY UNDER THE CONTRACT. 4. THE PERFORMANCE SECURITY SHALL NOT CARRY ANY INTEREST.	
60.	BREACH OF CONTRACT, REMEDIES AND TERMINATION: 16.1 BREACH OF CONTRACT: THE FOLLOWING SHALL AMOUNT TO BREACH OF CONTRACT: I. NON-SUPPLY OF MATERIAL/ NON-COMPLETION OF WORK BY THE SUPPLIER/VENDOR WITHIN SCHEDULED DELIVERY/ COMPLETION PERIOD AS PER CONTRACT OR AS EXTENDED FROM TIME TO TIME. II. THE SUPPLIER/VENDOR FAILS TO PERFORM AS PER THE ACTIVITY SCHEDULE AND THERE ARE SUFFICIENT REASONS EVEN BEFORE EXPIRY OF THE DELIVERY/ COMPLETION PERIOD TO JUSTIFY THAT SUPPLIES SHALL BE INORDINATELY DELAYED BEYOND CONTRACTUAL DELIVERY/ COMPLETION PERIOD. III. THE SUPPLIER/VENDOR DELIVERS EQUIPMENT/ MATERIAL NOT OF THE CONTRACTED QUALITY. IV. THE SUPPLIER/VENDOR FAILS TO REPLACE THE DEFECTIVE EQUIPMENT/ MATERIAL/ COMPONENT AS PER GUARANTEE CLAUSE. V. WITHDRAWAL FROM OR ABANDONMENT OF THE WORK BY THE SUPPLIER/VENDOR BEFORE COMPLETION AS PER CONTRACT. VI. ASSIGNMENT, TRANSFER, SUBLETTING OF CONTRACT BY THE SUPPLIER/VENDOR WITHOUT BHEL'S WRITTEN PERMISSION RESULTING IN TERMINATION OF CONTRACT OR PART THEREOF BY BHEL. VII. NON-COMPLIANCE TO ANY CONTRACTUAL CONDITION OR ANY OTHER DEFAULT ATTRIBUTABLE TO SUPPLIER/VENDOR. VIII. ANY OTHER REASON(S) ATTRIBUTABLE TO VENDOR TOWARDS FAILURE OF PERFORMANCE OF CONTRACT. IN CASE OF BREACH OF CONTRACT, BHEL SHALL HAVE THE RIGHT TO TERMINATE THE PURCHASE ORDER/ CONTRACT EITHER IN WHOLE OR IN PART THEREOF WITHOUT ANY COMPENSATION TO THE SUPPLIER/VENDOR. IX. ANY OF THE DECLARATIONS FURNISHED BY THE CONTRACTOR AT THE TIME OF BIDDING AND/ OR ENTERING INTO THE CONTRACT FOR SUPPLY ARE FOUND UNTRUTHFUL AND SUCH DECLARATIONS WERE OF A NATURE THAT COULD HAVE RESULTED IN NON-AWARD OF CONTRACT TO THE CONTRACTOR OR COULD EXPOSE BHEL AND/ OR OWNER TO ADVERSE CONSEQUENCES, FINANCIAL OR OTHERWISE. X. SUPPLIER/VENDOR IS CONVICTED OF ANY OFFENCE INVOLVING CORRUPT BUSINESS PRACTICES, ANTINATIONAL ACTIVITIES OR ANY SUCH OFFENCE THAT COMPROMISES THE BUSINESS ETHICS OF BHEL, IN VIOLATION OF THE INTEGRITY PACT ENTERED INTO WITH BHEL HAS THE POTENTIAL TO HARM THE OVERALL BUSINESS OF BHEL/ OWNER NOTE- ONCE BHEL CONSIDERS THAT A BREACH OF CONTRACT HAS OCCURRED ON THE PART OF SUPPLIER/VENDOR, BHEL SHALL NOTIFY THE SUPPLIER/VENDOR BY WAY OF NOTICE IN THIS REGARD. CONTRACTOR SHALL BE GIVEN AN OPPORTUNITY TO RECTIFY THE REASONS CAUSING THE BREACH OF CONTRACT WITHIN A PERIOD OF 14 DAYS. IN CASE THE CONTRACTOR FAILS TO REMEDY THE BREACH, AS MENTIONED IN THE NOTICE, TO THE SATISFACTION OF BHEL, BHEL SHALL HAVE THE RIGHT TO TAKE RECOURSE TO ANY OF THE REMEDIAL ACTIONS AVAILABLE TO IT UNDER THE RELEVANT PROVISIONS OF CONTRACT 16.2 REMEDIES IN CASE OF BREACH OF CONTRACT. I. WHEREIN THE PERIOD AS STIPULATED IN THE NOTICE ISSUED UNDER CLAUSE 14.1 HAS EXPIRED AND SUPPLIER/VENDOR HAS FAILED TO REMEDY THE BREACH, BHEL WILL HAVE THE RIGHT TO TERMINATE THE CONTRACT ON THE GROUND OF "BREACH OF CONTRACT" WITHOUT ANY FURTHER NOTICE TO CONTRACTOR. II. UPON TERMINATION OF CONTRACT, BHEL SHALL BE ENTITLED TO RECOVER AN AMOUNT EQUIVALENT TO 10% OF THE CONTRACT VALUE FOR THE DAMAGES ON ACCOUNT OF BREACH OF CONTRACT COMMITTED BY THE SUPPLIER/VENDOR. THIS AMOUNT SHALL BE RECOVERED BY WAY OF ENCASHING THE SECURITY INSTRUMENTS LIKE PERFORMANCE BANK GUARANTEE ETC AVAILABLE WITH BHEL AGAINST THE SAID CONTRACT. IN CASE THE VALUE OF THE SECURITY INSTRUMENTS AVAILABLE IS LESS THAN 10% OF THE CONTRACT VALUE, THE BALANCE AMOUNT SHALL BE RECOVERED FROM OTHER FINANCIAL REMEDIES (I.E. AVAILABLE BILLS OF THE SUPPLIER/VENDOR, RETENTION AMOUNT, FROM THE MONEY DUE TO THE SUPPLIER/VENDOR ETC. WITH BHEL) OR THE OTHER LEGAL REMEDIES SHALL BE PURSUED	

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	III. WHEREVER THE VALUE OF SECURITY INSTRUMENTS LIKE PERFORMANCE BANK GUARANTEE AVAILABLE WITH BHEL AGAINST THE SAID CONTRACT IS 10% OF THE CONTRACT VALUE OR MORE, SUCH SECURITY INSTRUMENTS TO THE EXTENT OF 10% CONTRACT VALUE WILL BE ENCASHED. IN CASE NO SECURITY INSTRUMENTS ARE AVAILABLE OR THE VALUE OF THE SECURITY INSTRUMENTS AVAILABLE IS LESS THAN 10% OF THE CONTRACT VALUE, THE 10% OF THE CONTRACT VALUE OR THE BALANCE AMOUNT, AS THE CASE MAY BE, WILL BE RECOVERED IN ALL OR ANY OF THE FOLLOWING MANNERS: IV. IN CASE THE AMOUNT RECOVERED UNDER SUB CLAUSE (A) ABOVE IS NOT SUFFICIENT TO FULFIL THE AMOUNT RECOVERABLE THEN; A DEMAND NOTICE TO DEPOSIT THE BALANCE AMOUNT WITHIN 30 DAYS SHALL BE ISSUED TO SUPPLIER/VENDOR. V. IF SUPPLIER/VENDOR FAILS TO DEPOSIT THE BALANCE AMOUNT WITHIN THE PERIOD AS PRESCRIBED IN DEMAND NOTICE, FOLLOWING ACTION SHALL BE TAKEN FOR RECOVERY OF THE BALANCE AMOUNT: A. FROM DUES AVAILABLE IN THE FORM OF BILLS PAYABLE TO DEFAULTED SUPPLIER/VENDOR AGAINST THE SAME CONTRACT. B. IF IT IS NOT POSSIBLE TO RECOVER THE DUES AVAILABLE FROM THE SAME CONTRACT OR DUES ARE INSUFFICIENT TO MEET THE RECOVERABLE AMOUNT, BALANCE AMOUNT SHALL BE RECOVERED FROM ANY MONEY(S) PAYABLE TO SUPPLIER/VENDOR UNDER ANY CONTRACT WITH OTHER UNITS OF BHEL INCLUDING RECOVERY FROM SECURITY DEPOSITS OR ANY OTHER DEPOSIT AVAILABLE IN THE FORM OF SECURITY INSTRUMENTS OF ANY KIND AGAINST SECURITY DEPOSIT OR EMD. C. IN-CASE RECOVERIES ARE NOT POSSIBLE WITH ANY OF THE ABOVE AVAILABLE OPTIONS, LEGAL ACTION SHALL BE INITIATED FOR RECOVERY AGAINST DEFAULTED SUPPLIER/VENDOR. VI. IT IS AN AGREED TERM OF CONTRACT THAT THIS AMOUNT SHALL BE A GENUINE PRE-ESTIMATE OF DAMAGES THAT BHEL WOULD INCUR IN COMPLETION OF BALANCE CONTRACTUAL OBLIGATION OF THE CONTRACT THROUGH ANY OTHER AGENCY AND BHEL WILL NOT BE REQUIRED TO FURNISH ANY OTHER EVIDENCE TO THE SUPPLIER/VENDOR FOR THE PURPOSE OF ESTIMATION OF DAMAGES. VII. IN ADDITION TO THE ABOVE, IMPOSITION OF LIQUIDATED DAMAGES, DEBARMENT, TERMINATION, DE-SCOPING, SHORT-CLOSURE, ETC., SHALL BE APPLIED AS PER PROVISIONS OF THE CONTRACT. NOTE: 1) THE DEFAULTING SUPPLIER/VENDOR SHALL NOT BE ELIGIBLE FOR PARTICIPATION IN ANY OF THE FUTURE ENQUIRIES FLOATED BY BHEL TO COMPLETE THE BALANCE WORK. THE DEFAULTING CONTRACTOR SHALL MEAN AND INCLUDE: (A) IN CASE DEFAULTED SUPPLIER/VENDOR IS THE SOLE PROPRIETORSHIP FIRM, ANY SOLE PROPRIETORSHIP FIRM OWNED BY SAME SOLE PROPRIETOR (B) IN CASE DEFAULTED SUPPLIER/VENDOR IS THE PARTNERSHIP FIRM, ANY FIRM COMPRISING OF SAME PARTNERS/ SOME OF THE SAME PARTNERS ; OR SOLE PROPRIETORSHIP FIRM OWNED BY ANY PARTNER(S) AS A SOLE PROPRIETOR.	
61.	NO INTEREST PAYABLE TO CONTRACTOR: NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED IN ANY OTHER DOCUMENT COMPRISING IN THE CONTRACT, NO INTEREST SHALL BE PAYABLE BY BHEL TO CONTRACTOR ON ANY MONEYS OR BALANCES INCLUDING BUT NOT LIMITED TO THE SECURITY DEPOSIT, EMD, RETENTION MONEY, RA BILLS OR THE FINAL BILL, OR ANY AMOUNT WITHHELD AND/OR APPROPRIATED BY BHEL ETC., WHICH BECOMES OR AS THE CASE MAY BE, IS ADJUDGED TO BE DUE FROM BHEL TO CONTRACTOR WHETHER UNDER THE CONTRACT OR OTHERWISE	
62.	OVER RUN CHARGES: NO OVERRUN CHARGES ARE APPLICABLE	
63.	ORDER OF PRECEDENCE: THE PURCHASE ORDER ALONG WITH ITS ANNEXURES THE NIT, ITS AMENDMENTS /CORRIGENDUM'S SHALL ALL TOGETHER CONSTITUTE THE ENTIRE CONTRACT BETWEEN THE PARTIES AND SHALL BE COMPLEMENTARY TO ONE ANOTHER. IN CASE OF ANY CONTRADICTION, THE ORDER OF PRECEDENCE SHALL BE AS BELOW: - PURCHASE ORDER ALONG WITH ITS ANNEXURES - AMENDMENTS/CLARIFICATIONS/CORRIGENDA/ERRATA ETC. ISSUED IN RESPECT OF THE TENDER DOCUMENTS BY BHEL. - NIT	
64.	OTHER POINTS: YOU SHALL HAVE TO OBSERVE ALL WORK QUALITY, SAFETY REGULATIONS, GENERAL TECHNICAL GUIDE LINES AS STIPULATED IN RELEVANT CLAUSES TENDER SPECIFICATION. YOU SHALL SUBMIT PROGRESS REPORTS TO BHEL AS PER TENDER CONDITIONS, REVIEW THE PROGRAMME FROM TIME TO TIME AND TAKE SUITABLE STEPS TO MEET OVERALL PROJECT SCHEDULE, IN CONSULTATION WITH BHEL/ BIFCL ENGINEER VENDOR SHOULD FOLLOW THE AGREED TENDER TERM (CL. NO. 29.0 OF GTC) STRICTLY: -- "THE OFFERS OF THE BIDDERS WHO ARE ON THE BANNED LIST AS ALSO THE OFFER OF THE BIDDERS, WHO ENGAGE THE SERVICES OF THE BANNED FIRMS, SHALL BE REJECTED. THE LIST OF BANNED FIRMS IS AVAILABLE ON BHEL WEB SITE WWW.BHEL.COM)". ALL OTHER TERMS & CONDITIONS NOT COVERED HERE SHALL BE AS PER THOSE SPECIFIED IN THE TENDER DOCUMENT (NIT) ALONG WITH TCNS INCLUDING TECHNICAL SPECIFICATION, SPECIFIC CONDITIONS OF CONTRACT & GENERAL CONDITIONS OF CONTRACT. YOU ARE REQUESTED TO SEND US THE ACKNOWLEDGEMENT AS PER SPECIFIED FORMAT AND CONVEY YOUR UNQUALIFIED ACCEPTANCE TO THIS PURCHASE ORDER AS PER ENCLOSED ANNEXURE-X WITHIN 7 (SEVEN) DAYS ELSE IT WILL BE DEEMED ACCEPTED.	
65.	FOR SUPPLY ORDERS PLACED ON INDIAN SUPPLIERS: IRRESPECTIVE OF THE VALUE OF THE INVOICE AMOUNT, THE BIDDER / VENDOR SHOULD NECESSARILY UPLOAD THE DESPATCH & INVOICE DETAILS ON BHEL SUVIDHA PORTAL AT HTTPS://SUVIDHA.BHEL.IN/SUVIDHA/, PRIOR TO DESPATCH. ALL DOCUMENTS AS PER PO CHECKLIST , ALONG WITH ADDITIONAL DOCUMENTS (IF ANY), MUST BE UPOADED ON THE PORTAL. IT IS MANDATORY THAT TAX INVOICES WITH A NET AMOUNT (INCLUDING TAXES) EXCEEDING RS FIVE LAKHS UPOADED ON THE PORTAL ARE DIGITALLY SIGNED USING A CLASS 3 DIGITAL SIGNATURE CERTIFICATE (DSC) ISSUED BY A LICENSED CERTIFYING AUTHORITY. SUBMISSION OF INVOICE DOCUMENT IN HARD COPY IS ALLOWED FOR INVOICES WITH A NET AMOUNT (INCLUDING TAXES) EQUAL TO AND UPTO RS FIVE LAKHS , IN CASE THEY WERE NOT DIGITALLY SIGNED AND UPOADED ON THE PORTAL. THE MATERIAL WILL NOT BE ACCEPTED INSIDE BHEL IN ABSENCE OF THE ABOVE	

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66.	GRIEVANCE REDRESSAL MECHANISM: TO PROMOTE TRANSPARENCY AND ENSURE FAIR TREATMENT OF ALL BIDDERS, A STRUCTURED GRIEVANCE REDRESSAL MECHANISM IS IN PLACE TO ADDRESS ANY CONCERNS OR ISSUES ARISING DURING THE TENDERING PROCESS OR IN SUBSEQUENT BUSINESS DEALINGS WITH THE COMPANY. SUPPLIERS/CONTRACTORS ARE REQUESTED TO FOLLOW THE BELOW ESCALATION PROCESS FOR GRIEVANCE RESOLUTION: 1. FIRST LEVEL: ANY GRIEVANCE SHOULD INITIALLY BE ADDRESSED TO THE DESIGNATED DEALING OFFICER, WHOSE CONTACT DETAILS ARE PROVIDED IN THE NOTICE INVITING TENDER (NIT)/CONTRACT. SECOND LEVEL: IF THE ISSUE REMAINS UNRESOLVED, IT MAY BE ESCALATED BY LODGING A FORMAL GRIEVANCE THROUGH THE SUVIDHA PORTAL: HTTPS://SUVIDHA.BHEL.IN/SUVIDHA/. RESPONSES WILL BE PROVIDED IN ACCORDANCE WITH THE DEFINED ESCALATION MATRIX	
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NOTE:

1. PLEASE FILL IN THIS FORMAT AND SEND COMPULSORILY ALONG WITH QUOTATION WITH VENDOR'S SEAL, SIGNATURE AND DATE.

SIGNATURE ALONG WITH SEAL AND DATE:

ANNEXURE-A : DETAILS OF FREE ISSUE COMPONENTS PER ASSLY WITH RESPECT TO TYPE OF CONSTANT LOAD HANGERS

CLH TYPE	PARAMETER	COMPONENTS											Total Free issue matl. weight(Kg.)
		BEARING SHELL	BUSHING	CAM	DOWEL BOLT	LA BOLT	AUXILIARY SPRING	MAIN SPRING-1	MAIN SPRING-2	ROLLER BEARING Type	STELL RING-1	STELL RING-2	
1102	DRG. NO.	4-80-999-99379 V-01	3-80-999-97290 V-01	3-80-999-99507	4-80-999-99374 V-01	4-80-999-97241	2-80-999-99295 V-01	2-80-999-99295 V-12		6300 2RS1	4-80-999-99640	4-80-999-99641	
	UNIT WT.	0.005	0.002	0.475	0.04	0.07	0.1	0.5		0.053	0.039	0.039	2.072
	QTY	2	4	2	2	2	2	1		2	1	1	
1112	DRG. NO.	4-80-999-99379 V-01	3-80-999-97290 V-01	3-80-999-99508	4-80-999-99374 V-01	3-80-999-99488 V-01	2-80-999-99295 V-02	2-80-999-99295 V-13		6202 2RS	4-80-999-99381 V-01	4-80-999-99387 V-01	
	UNIT WT.	0.005	0.002	0.744	0.04	0.093	0.28	0.77		0.05	0.004	0.005	3.211
	QTY	2	4	2	2	2	2	1		2	1	1	
1113	DRG. NO.	4-80-999-99379 V-01	3-80-999-97290 V-01	2-80-999-99319	4-80-999-99374 V-01	3-80-999-99488 V-02	2-80-999-99295 V-03	2-80-999-99295 V-13		NUT R15	4-80-999-99381 V-01	4-80-999-99387 V-01	
	UNIT WT.	0.005	0.002	1.62	0.04	0.158	0.4	0.77		0.1	0.004	0.005	6.203
	QTY	2	4	2	2	2	2	2		2	1	1	
1122	DRG. NO.	4-80-999-99379 V-01	3-80-999-97290 V-01	3-80-999-99506	4-80-999-99374 V-01	3-80-999-99488 V-05	2-80-999-99295 V-03	2-80-999-99295 V-14		6302 2RS	4-80-999-99381 V-02	4-80-999-99387 V-02	
	UNIT WT.	0.005	0.002	0.93	0.04	0.147	0.4	1.5		0.08	0.006	0.007	4.725
	QTY	2	4	2	2	2	2	1		2	1	1	
1123	DRG. NO.	4-80-999-99379 V-01	3-80-999-97290 V-01	2-80-999-99320	4-80-999-99374 V-01	3-80-999-99488 V-06	2-80-999-99295 V-04	2-80-999-99295 V-22		NUT R15	4-80-999-99381 V-02	4-80-999-99387 V-02	
	UNIT WT.	0.005	0.002	1.8	0.04	0.218	0.81	2.8		0.1	0.006	0.007	8.767
	QTY	2	4	2	2	2	2	1		2	1	1	
1132	DRG. NO.	4-80-999-99379 V-01	3-80-999-97290 V-02	3-80-999-99491	4-80-999-99374 V-01	3-80-999-99488 V-09	2-80-999-99295 V-04	2-80-999-99295 V-15		NUT R15	4-80-999-99381 V-03	4-80-999-99387 V-03	
	UNIT WT.	0.005	0.004	0.86	0.04	0.285	0.81	1.7		0.1	0.009	0.01	5.935
	QTY	2	4	2	2	2	2	1		2	1	1	
1133	DRG. NO.	4-80-999-99379 V-02	3-80-999-97290 V-02	2-80-999-99318	4-80-999-99374 V-01	3-80-999-99488 V-10	2-80-999-99295 V-05	2-80-999-99295 V-23		NUT R20	4-80-999-99381 V-03	4-80-999-99387 V-03	
	UNIT WT.	0.007	0.004	2.65	0.04	0.427	0.96	3.3		0.25	0.009	0.01	12.003
	QTY	2	4	2	2	2	2	1		2	1	1	
1134	DRG. NO.	4-80-999-99379 V-02	3-80-999-97290 V-02	1-80-999-99060	4-80-999-99374 V-01	3-80-999-99488 V-11	2-80-999-99295 V-05	2-80-999-99295 V-23	2-80-999-99295 V-15	NUT R20	4-80-999-99381 V-03	4-80-999-99387 V-03	
	UNIT WT.	0.007	0.004	4.8	0.04	0.625	0.96	3.3	1.7	0.25	0.009	0.01	18.399
	QTY	2	4	2	2	2	2	1	1	2	1	1	
1135	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-04	1-80-999-99066	4-80-999-99374 V-02	3-80-999-99488 V-12	2-80-999-99295 V-06	2-80-999-99295 V-23		NUT R20	4-80-999-99381 V-03	4-80-999-99387 V-03	
	UNIT WT.	0.02	0.007	8.4	0.09	1.261	2.2	3.3		0.25	0.009	0.01	31.089
	QTY	2	4	2	2	2	2	2		2	1	1	
1142	DRG. NO.	4-80-999-99379 V-02	3-80-999-97290 V-03	3-80-999-99504	4-80-999-99374 V-01	3-80-999-99488 V-13	2-80-999-99295 V-05	2-80-999-99295 V-16		NUT R20	4-80-999-99381 V-04	4-80-999-99387 V-04	
	UNIT WT.	0.007	0.005	1.392	0.04	0.509	0.96	3.9		0.25	0.012	0.014	10.262
	QTY	2	4	2	2	2	2	1		2	1	1	
1143	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-03	2-80-999-99317	4-80-999-99374 V-02	3-80-999-99488 V-14	2-80-999-99295 V-06	2-80-999-99295 V-24		NUT R25	4-80-999-99381 V-04	4-80-999-99387 V-04	
	UNIT WT.	0.02	0.005	3.4	0.09	0.805	2.2	7.3		0.28	0.012	0.014	20.936
	QTY	2	4	2	2	2	2	1		2	1	1	
1144	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-03	1-80-999-99061	4-80-999-99374 V-02	3-80-999-99488 V-15	2-80-999-99295 V-06	2-80-999-99295 V-24	2-80-999-99295 V-16	NUT R25	4-80-999-99381 V-04	4-80-999-99387 V-04	
	UNIT WT.	0.02	0.005	6.7	0.09	1.2	2.2	7.3	3.9	0.28	0.012	0.014	32.226
	QTY	2	4	2	2	2	2	1	1	2	1	1	
1145	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-03	1-80-999-99067	4-80-999-99374 V-03	3-80-999-99488 V-16	2-80-999-99295 V-06	2-80-999-99295 V-24		NUT R30	4-80-999-99381 V-04	4-80-999-99387 V-04	
	UNIT WT.	0.02	0.005	11	0.18	2.211	2.2	7.3		0.47	0.012	0.014	51.208
	QTY	2	4	2	2	2	4	2		2	1	1	
1152	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-04	3-80-999-99485	4-80-999-99374 V-02	3-80-999-99488 V-17	2-80-999-99295 V-06	2-80-999-99295 V-17		NUT R25	4-80-999-99381 V-05	4-80-999-99387 V-05	
	UNIT WT.	0.02	0.007	1.6	0.09	0.558	2.2	6.8		0.28	0.021	0.023	16.368
	QTY	2	4	2	2	2	2	1		2	1	1	
1153	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-04	2-80-999-99314	4-80-999-99374 V-03	3-80-999-99488 V-18	2-80-999-99295 V-07	2-80-999-99295 V-25		NUT R 35X	4-80-999-99381 V-05	4-80-999-99387 V-05	
	UNIT WT.	0.02	0.007	4.03	0.18	0.83	5.1	12.7		0.63	0.021	0.023	34.352
	QTY	2	4	2	2	2	2	1		2	1	1	
1154	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-05	1-80-999-99062	4-80-999-99374 V-03	3-80-999-99488 V-19	2-80-999-99295 V-07	2-80-999-99295 V-25	2-80-999-99295 V-17	NUT R 35X	4-80-999-99381 V-05	4-80-999-99387 V-05	
	UNIT WT.	0.02	0.013	7.4	0.18	1.785	5.1	12.7	6.8	0.63	0.021	0.023	49.826
	QTY	2	4	2	2	2	2	1	1	2	1	1	
1155	DRG. NO.	4-80-999-99379 V-04	3-80-999-97290 V-05	1-80-999-99068	4-80-999-99374 V-04	3-80-999-99488 V-20	3-80-999-99544 V-01	2-80-999-99295 V-25		NUT R 40X	4-80-999-99381 V-05	4-80-999-99387 V-05	
	UNIT WT.	0.04	0.013	13.8	0.27	2.247	7	12.7		0.82	0.021	0.023	73.85
	QTY	2	4	2	2	2	2	2		2	1	1	
1162	DRG. NO.	4-80-999-99379 V-03	3-80-999-97290 V-05	3-80-999-99509	4-80-999-99374 V-03	3-80-999-99488 V-21	2-80-999-99295 V-07	2-80-999-99295 V-18		NUT R 40X	4-80-999-99381 V-06	4-80-999-99387 V-06	
	UNIT WT.	0.02	0.013	2.2	0.18	1.4	5.1	14.9		0.82	0.069	0.072	34.533
	QTY	2	4	2	2	2	2	1		2	1	1	
1163	DRG. NO.	4-80-999-99379 V-04	3-80-999-97290 V-05	2-80-999-99315	4-80-999-99374 V-04	3-80-999-99488 V-22	3-80-999-99544 V-01	2-80-999-99295 V-26		NUT R 40X	4-80-999-99381 V-06	4-80-999-99387 V-06	
	UNIT WT.	0.04	0.013	6.2	0.27	2.51	7	27.5		0.82	0.069	0.072	61.373
	QTY	2	4	2	2	2	2	1		2	1	1	
1164	DRG. NO.	4-80-999-99379 V-05	3-80-999-97290 V-06	1-80-999-99063	4-80-999-99374 V-04	3-80-999-99488 V-23	2-80-999-99295 V-08	2-80-999-99295 V-18	2-80-999-99295 V-26	NUT R 40X	4-80-999-99381 V-06	4-80-999-99387 V-06	
	UNIT WT.	0.06	0.02	15.2	0.27	5.36	10.2	14.9	27.5	0.82	0.069	0.072	108.081
	QTY	2	4	2	2	2	2	1	1	4	1	1	
1165	DRG. NO.	4-80-999-99379 V-05	3-80-999-97290 V-06	1-80-999-99069	4-80-999-99374 V-04	3-80-999-99488 V-24	3-80-999-99544 V-02	2-80-999-99295 V-26		NUT R 45X	4-80-999-99381 V-06	4-80-999-99387 V-06	
	UNIT WT.	0.06	0.02	30.92	0.27	6.763	12	27.5		0.88	0.069	0.072	158.767
	QTY	2	4	2	2	2	2	2		4	1	1	

CLH TYPE	PARAMETER	COMPONENTS											Total Free issue matl. weight(Kg.)
		BEARING SHELL	BUSHING	CAM	DOWEL BOLT	LA BOLT	AUXILIARY SPRING	MAIN SPRING-1	MAIN SPRING-2	ROLLER BEARING Type	STELL RING-1	STELL RING-2	
1172	DRG. NO.	4-80-999-99379 V-05	3-80-999-97290 V-05	3-80-999-99505	4-80-999-99374 V-04	3-80-999-99488 V-25	3-80-999-99544 V-01	2-80-999-99295 V-19		NUT R 35X	4-80-999-99381 V-07	4-80-999-99387 V-07	
	UNIT WT.	0.06	0.013	5.1	0.27	2.44	7	25.3		0.63	0.075	0.082	57.769
	QTY	2	4	2	2	2	2	1		4	1	1	
1173	DRG. NO.	4-80-999-99379 V-05	3-80-999-97290 V-06	2-80-999-99312	4-80-999-99374 V-04	3-80-999-99488 V-26	2-80-999-99295 V-08	2-80-999-99295 V-27		NUT R 40X	4-80-999-99381 V-07	4-80-999-99387 V-07	
	UNIT WT.	0.06	0.02	10.3	0.27	3.686	10.2	40.2		0.82	0.075	0.082	92.749
	QTY	2	4	2	2	2	2	1		4	1	1	
1174	DRG. NO.	4-80-999-99379 V-05	3-80-999-97290 V-06	1-80-999-99059	4-80-999-99374 V-05	3-80-999-99488 V-27	2-80-999-99295 V-09	2-80-999-99295 V-19	-80-999-99295 V-2	NUT R 45X	4-80-999-99381 V-07	4-80-999-99387 V-07	
	UNIT WT.	0.06	0.02	17.8	0.47	8.264	17	25.3	40.2	0.88	0.075	0.082	156.445
	QTY	2	4	2	2	2	2	1	1	4	1	1	
1175	DRG. NO.	4-80-999-99379V-06	3-80-999-97290 V-08	1-80-999-99070	4-80-999-99374 V-06	3-80-999-99488 V-28	2-80-999-99295 V-10	2-80-999-99295 V-27		NUT R 45X	4-80-999-99387 V-07	4-80-999-99381 V-07	
	UNIT WT.	0.08	0.05	33.5	0.85	9.92	18.4	40.2		0.88	0.082	0.082	209.784
	QTY	2	4	2	2	2	2	2		4	1	1	

ANNEXURE-B : DETAILS OF FREE ISSUE RODS AND PLATES (PER ASSLY) WITH RESPECT TO TYPE OF CONSTANT LOAD HANGERS												REV-01 DT 01/08/2018
CLH TYPE	PARAMETER	CAM AXLE NOS./ASSLY) (2	BEARING AXLE NOS./ASSLY) (2	BEARING BOLT Nos./Assly) (2	BOTTOM SPRING END PLATE (NO./ASSLY) (1	GUIDE TRAVEL STOP BOLT (1 NO./ASSLY) (1 NO./ASSLY)	LOWER CONN. BLOCK (2 NO./ASSLY)	SIDE PLATE (2 NOS./ASSLY)	TOP CONN. BLOCK (1 NO./ASSLY)	UPPER SPRING END PLATE (1 NO./ASSLY)	DISK (2 NOS./ASSLY)	TOTAL FREE ISSUE MATERIAL WT.(KG)
		(MATL. ROD SA-182 Gr.F6a CL.3)	(MATL. ROD SA-182 Gr.F6a CL.3)	(MATL. ROD SA-182 Gr.F6a CL.3)	MATL. BQ. PLATE SA-515 GR.70	(MATL. ROD SA-182 Gr.F6a CL.3)	MATL. BQ. PLATE SA-515 GR.70	MATL. BQ. PLATE SA-515 GR.70	MATL. BQ. PLATE SA-515 GR.70	MATL. BQ. PLATE SA-515 GR.70	MATL. BQ. PLATE SA-515 GR.70	
CLH-1102	DRG. NO.	4-80-999-99635	4-80-999-99633	3-80-999-99482 V-01		4-80-999-99634						
	RAW MATL. SIZE	ROD DIA 16X99	ROD DIA 16X42	ROD DIA 16X28		ROD DIA 16X115						
	UNIT WT.	0.159	0.068	0.045		0.185						0.729
	QTY	2	2	2		1						
CLH-1112	DRG. NO.	4-80-999-99618	4-80-999-99619	3-80-999-99482 V-02		4-80-999-99617	4-80-999-99620					
	RAW MATL. SIZE	ROD DIA 16X119	ROD DIA 16X90	ROD DIA 16X36		ROD DIA 16X138	T-20, 100X20					
	UNIT WT.	0.191	0.145	0.0579		0.222	0.32					1.6498
	QTY	2	2	2		1	2					
CLH-1113	DRG. NO.	4-80-999-99618	4-80-999-99619	3-80-999-99482 V-03		4-80-999-99617	4-80-999-99620					
	RAW MATL. SIZE	ROD DIA 16X119	ROD DIA 16X90	ROD DIA 16X40		ROD DIA 16X138	T-20, 100X20					
	UNIT WT.	0.191	0.145	0.06434		0.222	0.32					1.66268
	QTY	2	2	2		1	2					
CLH-1122	DRG. NO.	4-80-999-99521	4-80-999-99520	3-80-999-99482 V-02		4-80-999-99522	4-80-999-99523		3-80-999-99567	3-80-999-99545		
	RAW MATL. SIZE	ROD DIA 16X144	ROD DIA 16X120	ROD DIA 16X36		ROD DIA 16X169	T-20, 126X20		T-30, 126X30	T-08, 158X192		
	UNIT WT.	0.232	0.193	0.0579		0.272	0.4		0.91	1.942		4.8898
	QTY	2	2	2		1	2		1	1		
CLH-1123	DRG. NO.	4-80-999-99521	4-80-999-99520	3-80-999-99482 V-03		4-80-999-99522	4-80-999-99523		3-80-999-99567	3-80-999-99612		
	RAW MATL. SIZE	ROD DIA 16X144	ROD DIA 16X120	ROD DIA 16X40		ROD DIA 16X169	T-20, 126X20		T-30, 126X30	T-08, 170X168		
	UNIT WT.	0.232	0.193	0.06434		0.272	0.4		0.91	1.83		4.79068
	QTY	2	2	2		1	2		1	1		
CLH-1132	DRG. NO.	4-80-999-99399	4-80-999-99389	3-80-999-99482 V-02		4-80-999-99398	4-80-999-99391		3-80-999-99494	3-80-999-99492		
	RAW MATL. SIZE	ROD DIA 16X148	ROD DIA 16X112	ROD DIA 16X36		ROD DIA 25X175	T-25, 126X25		T-35, 126X35	T-08, 195X157		
	UNIT WT.	0.238	0.18	0.0579		0.69	0.63		1.24	1.96		6.1018
	QTY	2	2	2		1	2		1	1		
CLH-1133	DRG. NO.	4-80-999-99399	4-80-999-99499	3-80-999-99482 V-04		4-80-999-99398	4-80-999-99391		3-80-999-99494	3-80-999-99547		
	RAW MATL. SIZE	ROD DIA 16X148	ROD DIA 25X113	ROD DIA 16X50		ROD DIA 25X175	T-25, 126X25		T-35, 126X35	T-08, 170X173		
	UNIT WT.	0.238	0.444	0.08		0.69	0.63		1.24	1.88		6.594
	QTY	2	2	2		1	2		1	1		
CLH-1134	DRG. NO.	4-80-999-99399	4-80-999-99499	3-80-999-99482 V-05		4-80-999-99398	4-80-999-99391		3-80-999-99494	3-80-999-99643		
	RAW MATL. SIZE	ROD DIA 16X148	ROD DIA 25X113	ROD DIA 16X50		ROD DIA 25X175	T-25, 126X25		T-35, 126X35	T-08, 203X179		
	UNIT WT.	0.238	0.444	0.08		0.69	0.63		1.24	2.33		7.044
	QTY	2	2	2		1	2		1	1		
CLH-1135	DRG. NO.	4-80-999-99390	4-80-999-99499	3-80-999-99482 V-07		4-80-999-99389	4-80-999-99391		3-80-999-99494	3-80-999-97273		
	RAW MATL. SIZE	ROD DIA 16X160	ROD DIA 25X113	ROD DIA 25X63		ROD DIA 25X177	T-30, 126X30		T-35, 126X35	T-08, 188X179		
	UNIT WT.	0.258	0.444	0.25		0.695	0.91		1.24	2.16		7.819
	QTY	2	2	2		1	2		1	1		
CLH-1142	DRG. NO.	4-80-999-99420	4-80-999-99422	3-80-999-99482 V-04		4-80-999-99421	4-80-999-99423		3-80-999-99500	3-80-999-99503		
	RAW MATL. SIZE	ROD DIA 16X174	ROD DIA 25X133	ROD DIA 16X50		ROD DIA 25X192	T-35, 144X35		T-50, 144X45	T-12, 200X236		
	UNIT WT.	0.28	0.52	0.08		0.75	1.4		2.6	4.5		12.41
	QTY	2	2	2		1	2		1	1		
CLH-1143	DRG. NO.	4-80-999-99420	4-80-999-99516	3-80-999-99482 V-06		4-80-999-99421	4-80-999-99423		3-80-999-99500	3-80-999-99548		
	RAW MATL. SIZE	ROD DIA 16X174	ROD DIA 28X137	ROD DIA 25X58		ROD DIA 25X192	T-35, 144X35		T-50, 144X45	T-12,201X191		
	UNIT WT.	0.28	0.67	0.23		0.75	1.41		2.6	3.68		12.21
	QTY	2	2	2		1	2		1	1		
CLH-1144	DRG. NO.	4-80-999-99420	4-80-999-99516	3-80-999-99482 V-06		4-80-999-99421	4-80-999-99423		3-80-999-99500	3-80-999-99624		
	RAW MATL. SIZE	ROD DIA 16X174	ROD DIA 28X137	ROD DIA 25X58		ROD DIA 25X192	T-35, 144X35		T-50, 144X45	T-12,225X211		
	UNIT WT.	0.28	0.67	0.23		0.75	1.41		2.6	4.56		13.09
	QTY	2	2	2		1	2		1	1		
CLH-1145	DRG. NO.	4-80-999-97402	4-80-999-97400	3-80-999-99482 V-07		4-80-999-97401	4-80-999-97403		3-80-999-99500	3-80-999-97283	3-80-999-97281	
	RAW MATL. SIZE	ROD DIA 16X178	ROD DIA 32X136	ROD DIA 25X63		ROD DIA 25X195	T-40, 144X40		T-50, 144X45	T-12,219X205	T-20,290X130	
	UNIT WT.	0.29	0.88	0.25		0.77	1.85		2.6	4.3	6.032	26.274
	QTY	2	2	2		1	2		1	1	2	
CLH-1152	DRG. NO.	4-80-999-99365	4-80-999-99372	3-80-999-99482 V-06	4-80-999-99366	4-80-999-99371	4-80-999-99376		3-80-999-99489	3-80-999-99480		
	RAW MATL. SIZE	ROD DIA 16X214	ROD DIA 28X163	ROD DIA 25X58	T-20 ,170X268	ROD DIA 32X237	T-40,180X40		T-50, 180X50	T-12, 230X293		
	UNIT WT.	0.34	0.8	0.23	7.3	1.52	2.3		3.6	6.46		26.22
	QTY	2	2	2	1	1	2		1	1		
CLH-1153	DRG. NO.	4-80-999-99365	4-80-999-99490	3-80-999-99482 V-06	4-80-999-99366	4-80-999-99371	4-80-999-99376		3-80-999-99489	3-80-999-99541	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 16X214	ROD DIA 36X169	ROD DIA 25X58	T-20 ,170X268	ROD DIA 32X237	T-40,180X40		T-50, 180X50	T-12, 235X262	T-20,150X150	
	UNIT WT.	0.34	1.37	0.23	7.3	1.52	2.3		3.6	5.9	3.6	34
	QTY	2	2	2	1	1	2		1	1	2	
CLH-1154	DRG. NO.	4-80-999-99594	4-80-999-99490	3-80-999-99482 V-06	4-80-999-99590	4-80-999-99371	4-80-999-99595		3-80-999-99489	3-80-999-99618	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 25X220	ROD DIA 36X169	ROD DIA 25X58	T-20 ,170X283	ROD DIA 32X237	T-45,180X45		T-50, 180X50	T-12, 260X262	T-20,150X150	
	UNIT WT.	0.87	1.37	0.23	7.7	1.52	2.92		3.6	6.6	3.6	37.4
	QTY	2	2	2	1	1	2		1	1	2	
CLH-1155	DRG. NO.	4-80-999-99594	4-80-999-97315	3-80-999-99482 V-08	4-80-999-99590	4-80-999-99371	4-80-999-99595		3-80-999-99489	3-80-999-97225	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 25X220	ROD DIA 45X171	ROD DIA 32X63	T-20 ,170X283	ROD DIA 32X237	T-45,180X45		T-50, 180X50	T-12, 265X278	T-25,160X160	
	UNIT WT.	0.87	2.18	0.41	7.7	1.52	2.92		3.6	7.1	5.12	42.92
	QTY	2	2	2	1	1	2		1	1	2	
CLH-1162	DRG. NO.	4-80-999-99438	4-80-999-99437	3-80-999-99482 V-06	4-80-999-99434	4-80-999-99439	4-80-999-99440	3-80-999-99582	3-80-999-99515	3-80-999-99585	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 25X260	ROD DIA 45X203	ROD DIA 25X58	T-20 ,210X336	ROD DIA 36X289	T-50 ,220X50	T-20,220X240	T-70, 220X65	T-16, 351X268	T-20,150X150	
	UNIT WT.	1.02	2.58	0.23	11.28	2.35	4.4	8.45	8	12	3.6	74.19
	QTY	2	2	2	1	1	2	2	1	1	2	
	DRG. NO.	4-80-999-99438	4-80-999-99437	3-80-999-99482 V-08	4-80-999-99434	4-80-999-99439	4-80-999-99440	3-80-999-99513	3-80-999-99515	3-80-999-99517	2-80-999-99297	

CLH TYPE	PARAMETER	CAM AXLE NOS./ASSLY) (2	BEARING AXLE NOS./ASSLY) (2	BEARING BOLT Nos./Assly) (2	BOTTOM SPRING END PLATE (1 NO./ASSLY)	GUIDE TRAVEL STOP BOLT (1 NO./ASSLY)	LOWER CONN. BLOCK (2 NO./ASSLY)	SIDE PLATE (2 NOS./ASSLY)	TOP CONN. BLOCK (1 NO./ASSLY)	UPPER SPRING END PLATE (1 NO./ASSLY)	DISK (2 NOS./ASSLY)	TOTAL FREE ISSUE MATERIAL WT.(KG)
		(MATL. ROD SA-182 Gr.F6a CL.3)	(MATL. ROD SA-182 Gr.F6a CL.3)	(MATL. ROD SA-182 Gr.F6a CL.3)	(MATL. BQ. PLATE SA- 515 GR.70	(MATL. ROD SA-182 Gr.F6a CL.3)	(MATL. BQ. PLATE SA- 515 GR.70	(MATL. BQ. PLATE SA- 515 GR.70	(MATL. BQ. PLATE SA- 515 GR.70	(MATL. BQ. PLATE SA- 515 GR.70	(MATL. BQ. PLATE SA-515 GR.70	
CLH-1163	RAW MATL. SIZE	ROD DIA 25X260	ROD DIA 45X203	ROD DIA 32X63	T-20, 210X336	ROD DIA 36X289	T-50, 220X50	T-20, 300X220	T-70, 220X65	T-16, 305X270	T-25,160X160	
	UNIT WT.	1.02	2.58	0.4	11.28	2.35	4.4	10.56	8	10.54	5.12	80.33
	QTY	2	2	2	1	1	2	2	1	1	2	
CLH-1164	DRG. NO.	4-80-999-99609	4-80-999-99437	3-80-999-99482 V-09	4-80-999-99605	4-80-999-99439	4-80-999-99610	3-80-999-99626	3-80-999-99515	3-80-999-99630	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 28X265	ROD DIA 45X203	ROD DIA 32X97	T-20, 216X347	ROD DIA 36X289	T-55, 220X55	T-20, 220X355	T-70, 220X65	T-16, 307X286	T-30,180X180	
	UNIT WT.	1.3	2.58	0.62	12	2.35	5.324	12.5	8	11.23	7.776	93.78
CLH-1165	QTY	2	2	2	1	1	2	2	1	1	2	
	DRG. NO.	4-80-999-99609	4-80-999-99289	3-80-999-99482 V-09	4-80-999-99605	4-80-999-99439	4-80-999-99610	3-80-999-97200	3-80-999-99515	3-80-999-97202	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 28X265	ROD DIA 50X203	ROD DIA 32X97	T-20, 216X347	ROD DIA 36X289	T-55, 220X55	T-20, 220X460	T-70, 220X65	T-16, 335X290	T-30,180X180	
CLH-1172	UNIT WT.	1.3	3.2	0.62	12	2.35	5.324	16.192	8	12.4352	7.776	103.6092
	QTY	2	2	2	1	1	2	2	1	1	2	
	DRG. NO.	4-80-999-99530	4-80-999-99531	3-80-999-99482 V-09	4-80-999-99446	4-80-999-99450	4-80-999-99452	3-80-999-99571	3-80-999-99522	3-80-999-99546	2-80-999-99297	
CLH-1173	RAW MATL. SIZE	ROD DIA 25X281	ROD DIA 36X209	ROD DIA 32X97	T-25, 230X380	ROD DIA 45X316	T-60, 240X60	T-20, 240X285	T-80, 240X80	T-20, 300X376	T-25,160X160	
	UNIT WT.	1.1	1.7	0.62	17.48	4	6.91	10.94	12.28	18	5.12	104.54
	QTY	2	2	2	1	1	2	2	1	1	2	
CLH-1174	DRG. NO.	4-80-999-99451	4-80-999-99449	3-80-999-99482 V-09	4-80-999-99446	4-80-999-99450	4-80-999-99452	3-80-999-99520	3-80-999-99522	3-80-999-99523	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 28X286	ROD DIA 45X213	ROD DIA 32X97	T-25, 230X380	ROD DIA 45X316	T-60, 240X60	T-22, 240X300	T-80, 240X80	T-20, 315X308	T-30,180X180	
	UNIT WT.	1.4	2.7	0.62	17.48	4	6.91	12.67	12.28	15.52	7.776	113.432
CLH-1175	QTY	2	2	2	1	1	2	2	1	1	2	
	DRG. NO.	4-80-999-99451	4-80-999-99534	3-80-999-99482 V-09	4-80-999-99508	4-80-999-99450	4-80-999-99535	3-80-999-99575	3-80-999-99522	3-80-999-99549	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 28X286	ROD DIA 50X213	ROD DIA 32X97	T-25, 236X397	ROD DIA 45X316	T-70, 65X240	T-22,240X400	T-80, 240X80	T-20, 327X340	T-35,200X200	
CLH-1176	UNIT WT.	1.4	3.34	0.62	18.73	4	8.73	16.89	12.28	17.78	11.2	137.15
	QTY	2	2	2	1	1	2	2	1	1	2	
	DRG. NO.	4-80-999-99667	4-80-999-99534	3-80-999-99482 V-11	4-80-999-99508	4-80-999-97413	4-80-999-99535	3-80-999-97194	3-80-999-99522	3-80-999-97197	2-80-999-99297	
	RAW MATL. SIZE	ROD DIA 32X291	ROD DIA 50X213	ROD DIA 45X106	T-25, 236X397	ROD DIA 45X320	T-70, 65X240	T-25, 240X665	T-80, 240X80	T-20, 360X403	T-40,200X200	
CLH-1177	UNIT WT.	1.87	3.34	1.35	18.73	4.1	8.73	31.92	12.28	23.21	12.8	178.34
	QTY	2	2	2	1	1	2	2	1	1	2	

ANNEXURE-I

S.NO	ITEM DESCRIPTION	FREE ISSUE VALUE PER ASSLY IN RS.
1	CONSTANT LOAD HANGER TYPE 1102 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99054	1386
2	CONSTANT LOAD HANGER TYPE 1112 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99055	2033
3	CONSTANT LOAD HANGER TYPE 1113 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99012	3749
4	CONSTANT LOAD HANGER TYPE 1122 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99049	3792
5	CONSTANT LOAD HANGER TYPE 1123 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99013	4513
6	CONSTANT LOAD HANGER TYPE 1132 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99003	4358
7	CONSTANT LOAD HANGER TYPE 1133 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99004	6621
8	CONSTANT LOAD HANGER TYPE 1134 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99057	8385
9	CONSTANT LOAD HANGER TYPE 1135 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99018	12418
10	CONSTANT LOAD HANGER TYPE 1142 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99009	4903
11	CONSTANT LOAD HANGER TYPE 1143 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99005	6417
12	CONSTANT LOAD HANGER TYPE 1144 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99058	9752
13	CONSTANT LOAD HANGER TYPE 1145 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99019	11424
14	CONSTANT LOAD HANGER TYPE 1152 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99002	5507
15	CONSTANT LOAD HANGER TYPE 1153 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99051	8911
16	CONSTANT LOAD HANGER TYPE 1154 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99014	11090
17	CONSTANT LOAD HANGER TYPE 1155 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99020	16480
18	CONSTANT LOAD HANGER TYPE 1162 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99010	11259
19	CONSTANT LOAD HANGER TYPE 1163 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99052	15254
20	CONSTANT LOAD HANGER TYPE 1164 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99015	24630
21	CONSTANT LOAD HANGER TYPE 1165 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99021	33000
22	CONSTANT LOAD HANGER TYPE 1172 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99050	17655
23	CONSTANT LOAD HANGER TYPE 1173 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99053	21598
24	CONSTANT LOAD HANGER TYPE 1174 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99006	33772
25	CONSTANT LOAD HANGER TYPE 1175 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99022	48651

ANNEXURE-II- LOT DETAIL

MaterialCode	Description	MAX LOT QTY.
948220110220	CONSTANT LOAD HANGER TYPE 1102 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99054	150
948220111220	CONSTANT LOAD HANGER TYPE 1112 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99055	150
948220111320	CONSTANT LOAD HANGER TYPE 1113 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99012	150
948220112220	CONSTANT LOAD HANGER TYPE 1122 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99049	150
948220112320	CONSTANT LOAD HANGER TYPE 1123 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99013	150
948220113220	CONSTANT LOAD HANGER TYPE 1132 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99003	150
948220113320	CONSTANT LOAD HANGER TYPE 1133 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99004	150
948220113420	CONSTANT LOAD HANGER TYPE 1134 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99057	150
948220113520	CONSTANT LOAD HANGER TYPE 1135 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99018	100
948220114220	CONSTANT LOAD HANGER TYPE 1142 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99009	150
948220114320	CONSTANT LOAD HANGER TYPE 1143 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99005	150
948220114420	CONSTANT LOAD HANGER TYPE 1144 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99058	150
948220114520	CONSTANT LOAD HANGER TYPE 1145 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99019	100
948220115220	CONSTANT LOAD HANGER TYPE 1152 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99002	150
948220115320	CONSTANT LOAD HANGER TYPE 1153 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99051	150
948220115420	CONSTANT LOAD HANGER TYPE 1154 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99014	100
948220116220	CONSTANT LOAD HANGER TYPE 1162 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99010	100
948220116320	CONSTANT LOAD HANGER TYPE 1163 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99052	100
948220115520	CONSTANT LOAD HANGER TYPE 1155 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99020	50
948220116420	CONSTANT LOAD HANGER TYPE 1164 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99015	40
948220116520	CONSTANT LOAD HANGER TYPE 1165 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99021.	40
948220117220	CONSTANT LOAD HANGER TYPE 1172 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99050	65
948220117320	CONSTANT LOAD HANGER TYPE 1173 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99053	50
948220117420	CONSTANT LOAD HANGER TYPE 1174 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99006	35
948220117520	CONSTANT LOAD HANGER TYPE 1175 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99022	25

CLH TESTING CHARGE RECOVERY RATE

ANNEXURE-III			REV-01 DT 13-03-2020
HANGER TYPE	WEIGHT	TIME FOR TESTING IN MIN	TESTING CHARGES
CLH-1102	10.613	15	310
CLH-1112	15.485		
CLH-1122	22.261		
CLH-1113	25.829		
CLH-1132	26.955		
CLH-1622	33.798	30	620
CLH-1123	36.486		
CLH-1632	38.471		
CLH-1133	44.27		
CLH-1142	46.177		
CLH-1134	61.943		
CLH-1642	62.032		
CLH-1633	64.468		
CLH-1143	70.72		
CLH-1152	80		
CLH-1144	96.165		
CLH-1643	98.932		
CLH-1135	101.914	45	930
CLH-1153	120.87		
CLH-1162	138		
CLH-1145	153.261		
CLH-1653	161.91		
CLH-1154	166.546		
CLH-1662	172.503		
CLH-1163	190.43		
CLH-1172	199.92		
CLH-1155	221.327		
CLH-1182	268.312		
CLH-1173	270.094		
CLH-1164	275.249		
CLH-1682	311.598	60	1240
CLH-1192	346.237		
CLH-1165	359.403		
CLH-1183	371.435		
CLH-1174	391.455		
CLH-1692	399.09		
CLH-1193	486.936		
CLH-1184	518.644	90	1860
CLH-1175	559.006		
CLH-1194	686.243		
CLH-1185	744.283		
CLH-1195	865.109		

NOTE- FOR ANY OTHER HANGER (NOT LISTED ABOVE), TESTING CHARGES WILL BE AS PER ABOVE WEIGHT CATEGORIES.

ABOVE TESTING CHARGES HAS BEEN REVISED W.R.T. REVISION IN MACHINE HOUR RATES.

ANNEXURE-IV (% WEIGHTAGE SMALL SIZE CLH)

INDENT NO:D306250096

DATE:15.10.2025

S.NO	MaterialCode	Description	RC_QTY (NOS)	% WEIGHTAGE
1	948220110220	CONSTANT LOAD HANGER TYPE 1102 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99054/00	10	0.18%
2	948220111220	CONSTANT LOAD HANGER TYPE 1112 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99055/00	20	0.50%
3	948220111320	CONSTANT LOAD HANGER TYPE 1113 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99012/00	20	0.74%
4	948220112220	CONSTANT LOAD HANGER TYPE 1122 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99049/00	20	0.68%
5	948220112320	CONSTANT LOAD HANGER TYPE 1123 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99013/00	10	0.35%
6	948220113220	CONSTANT LOAD HANGER TYPE 1132 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99003/00	20	0.73%
7	948220113320	CONSTANT LOAD HANGER TYPE 1133 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99004/00	20	1.13%
8	948220113420	CONSTANT LOAD HANGER TYPE 1134 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99057/00	20	1.36%
9	948220113520	CONSTANT LOAD HANGER TYPE 1135 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99018/00	20	2.02%
10	948220114220	CONSTANT LOAD HANGER TYPE 1142 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99009/00	60	2.59%
11	948220114320	CONSTANT LOAD HANGER TYPE 1143 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99005/00	60	4.47%
12	948220114420	CONSTANT LOAD HANGER TYPE 1144 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99058/00	20	2.02%
13	948220114520	CONSTANT LOAD HANGER TYPE 1145 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99019/00	40	5.25%
14	948220115220	CONSTANT LOAD HANGER TYPE 1152 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99002/00	85	5.43%
15	948220115320	CONSTANT LOAD HANGER TYPE 1153 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99051/00	80	6.70%
16	948220115420	CONSTANT LOAD HANGER TYPE 1154 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99014/00	80	9.16%
17	948220115520	CONSTANT LOAD HANGER TYPE 1155 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99020/00	80	7.19%
18	948220116220	CONSTANT LOAD HANGER TYPE 1162 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99010/00	80	5.09%
19	948220116320	CONSTANT LOAD HANGER TYPE 1163 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99052/00	50	3.85%
20	948220116420	CONSTANT LOAD HANGER TYPE 1164 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99015/00	50	4.55%
21	948220116520	CONSTANT LOAD HANGER TYPE 1165 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99021/00	65	8.02%
22	948220117220	CONSTANT LOAD HANGER TYPE 1172 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99050/00	80	5.76%
23	948220117320	CONSTANT LOAD HANGER TYPE 1173 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99053/00	65	5.64%
24	948220117420	CONSTANT LOAD HANGER TYPE 1174 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99006/00	50	7.27%
25	948220117520	CONSTANT LOAD HANGER TYPE 1175 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99022/00	50	9.32%
TOTAL			1155	100.00%

ANNEXURE-IV (% WEIGHTAGE SMALL SIZE CLH)

INDENT NO:D306250096

DATE:15.10.2025

S.NO	MaterialCode	Description	RC_QTY (NOS)	% WEIGHTAGE
1	948220110220	CONSTANT LOAD HANGER TYPE 1102 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99054/00	10	0.18%
2	948220111220	CONSTANT LOAD HANGER TYPE 1112 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99055/00	20	0.50%
3	948220111320	CONSTANT LOAD HANGER TYPE 1113 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99012/00	20	0.74%
4	948220112220	CONSTANT LOAD HANGER TYPE 1122 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99049/00	20	0.68%
5	948220112320	CONSTANT LOAD HANGER TYPE 1123 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99013/00	10	0.35%
6	948220113220	CONSTANT LOAD HANGER TYPE 1132 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99003/00	20	0.73%
7	948220113320	CONSTANT LOAD HANGER TYPE 1133 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99004/00	20	1.13%
8	948220113420	CONSTANT LOAD HANGER TYPE 1134 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99057/00	20	1.36%
9	948220113520	CONSTANT LOAD HANGER TYPE 1135 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99018/00	20	2.02%
10	948220114220	CONSTANT LOAD HANGER TYPE 1142 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99009/00	60	2.59%
11	948220114320	CONSTANT LOAD HANGER TYPE 1143 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99005/00	60	4.47%
12	948220114420	CONSTANT LOAD HANGER TYPE 1144 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99058/00	20	2.02%
13	948220114520	CONSTANT LOAD HANGER TYPE 1145 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99019/00	40	5.25%
14	948220115220	CONSTANT LOAD HANGER TYPE 1152 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99002/00	85	5.43%
15	948220115320	CONSTANT LOAD HANGER TYPE 1153 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99051/00	80	6.70%
16	948220115420	CONSTANT LOAD HANGER TYPE 1154 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99014/00	80	9.16%
17	948220115520	CONSTANT LOAD HANGER TYPE 1155 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99020/00	80	7.19%
18	948220116220	CONSTANT LOAD HANGER TYPE 1162 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99010/00	80	5.09%
19	948220116320	CONSTANT LOAD HANGER TYPE 1163 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99052/00	50	3.85%
20	948220116420	CONSTANT LOAD HANGER TYPE 1164 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99015/00	50	4.55%
21	948220116520	CONSTANT LOAD HANGER TYPE 1165 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99021/00	65	8.02%
22	948220117220	CONSTANT LOAD HANGER TYPE 1172 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99050/00	80	5.76%
23	948220117320	CONSTANT LOAD HANGER TYPE 1173 IN ASSEMBLED CONDITION AS PER DRG. NO. 1-80-999-99053/00	65	5.64%
24	948220117420	CONSTANT LOAD HANGER TYPE 1174 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99006/00	50	7.27%
25	948220117520	CONSTANT LOAD HANGER TYPE 1175 IN ASSEMBLED CONDITION AS PER DRG. NO. 0-80-999-99022/00	50	9.32%
TOTAL			1155	100.00%



BHARAT HEAVY ELECTRICALS LIMITED
HEAVY EQUIPMENT REPAIR PLANT
TARNA, SHIVPUR, VARANASI-221003

FORMAT No.: BHEL/HERP/LH/PAINTING/001

DATE: _____

**DATA TO BE CAPTURED BEFORE SHORT-BLASTING & PAINTING OF LOAD
HANGERS (AS APPLICABLE)**

S. NO.	DESCRIPTION	DATA TO FILLED BY VENDOR
1.	VENDOR NAME	M/s
2.	BHEL PO NO.	
3.	PO SERIAL NO. OF ITEM	
4.	HANGER TYPE: (CLH/VLH)	
5.	QTY. (Nos.)	

ENVIRONMENTAL CONDITIONS FOR SURFACE PREPARATION

Date & Time	Relative humidity *	Dew point Temperature**	Job temperature***	Remarks

*Relative humidity shall be below 85 % for any surface preparation work

** Work shall be undertaken when Job temperature is more than 3 deg C above the dew point temperature

***Work shall not be undertaken when surface temperature is greater than 40 deg C OR when air temperature is less than 10 deg C

IN PROCESS CHECK POINTS FOR SURFACE PREPARATION (AFTER)

Test Name	Roughness – by comparator or stylus instrument (ISO 8502-3).	Cleanliness – Visual comparator for blast cleaning to Sa2.5 level.	Salt test – by using salt contamination kit (BRESLE KIT)
Date of measurement			
Measured result			
Acceptability	35-40 Microns	Satisfactory/Not satisfactory.	<=20 mg/m ²
Remarks (if any):			

***Visual examination:** Satisfactory / Not satisfactory.

***Surface Cleanliness Grade:** As per ISO 8501-1.



BHARAT HEAVY ELECTRICALS LIMITED
HEAVY EQUIPMENT REPAIR PLANT
TARNA, SHIVPUR, VARANASI-221003

ENVIRONMENTAL CONDITIONS FOR PAINTING

Date & Time	Relative humidity *	Dew point Temperature**	Job temperature***	Remarks

*Relative humidity shall be below 85 % for painting

** Work shall be undertaken when Job temperature is more than 3 deg C above the dew point temperature

***Work shall not be undertaken when surface temperature is greater than 40 deg C OR when air temperature is less than 10 deg C

IN PROCESS CHECK POINTS FOR PAINTING

	PRIMER	INTERMEDIATE	FINISH PAINT
Paint Specification	Epoxy rich Zinc primer IS 14589 Gr.II	--	Aliphatic acrylic Polyurethane IS13213: (Phirozi Blue Shade No. 179 of IS5)
Brand Name/ Supplier			
Batch No.			
Date of Mfr./Date of Expiry			
Painting Process			
No of Coats.	1		1
%Vs Primer ~ 35 (min) Paint ~ 40 (min)			
Drying Time & Date			
Dry Film thickness Primer ~ 40 microns (min) Paint ~ 30 microns (min)			
Painter Name			

***Visual examination of coating:** Free from sagging, pinholes, surface defects, contamination etc.

Remarks if any:

SIGNATURE & SEAL OF VENDOR:



BHARAT HEAVY ELECTRICALS LIMITED
HEAVY EQUIPMENT REPAIR PLANT
TARNA, SHIVPUR, VARANASI-221003

FORMAT No.: BHEL/HERP/LH/PAINTING/001

DATE: _____

**DATA TO BE CAPTURED BEFORE SHORT-BLASTING & PAINTING OF LOAD
HANGERS (AS APPLICABLE)**

S. NO.	DESCRIPTION	DATA TO FILLED BY VENDOR
1.	VENDOR NAME	M/s
2.	BHEL PO NO.	
3.	PO SERIAL NO. OF ITEM	
4.	HANGER TYPE: (CLH/VLH)	
5.	QTY. (Nos.)	

ENVIRONMENTAL CONDITIONS FOR SURFACE PREPARATION

Date & Time	Relative humidity *	Dew point Temperature**	Job temperature***	Remarks

*Relative humidity shall be below 85 % for any surface preparation work

** Work shall be undertaken when Job temperature is more than 3 deg C above the dew point temperature

***Work shall not be undertaken when surface temperature is greater than 40 deg C OR when air temperature is less than 10 deg C

IN PROCESS CHECK POINTS FOR SURFACE PREPARATION (AFTER)

Test Name	Roughness – by comparator or stylus instrument (ISO 8502-3).	Cleanliness – Visual comparator for blast cleaning to Sa2.5 level.	Salt test – by using salt contamination kit (BRESLE KIT)
Date of measurement			
Measured result			
Acceptability	35-40 Microns	Satisfactory/Not satisfactory.	<=20 mg/m ²
Remarks (if any):			

*Visual examination: Satisfactory / Not satisfactory.

*Surface Cleanliness Grade: As per ISO 8501-1.



BHARAT HEAVY ELECTRICALS LIMITED
HEAVY EQUIPMENT REPAIR PLANT
TARNA, SHIVPUR, VARANASI-221003

ENVIRONMENTAL CONDITIONS FOR PAINTING

Date & Time	Relative humidity *	Dew point Temperature**	Job temperature***	Remarks

*Relative humidity shall be below 85 % for painting

** Work shall be undertaken when Job temperature is more than 3 deg C above the dew point temperature

***Work shall not be undertaken when surface temperature is greater than 40 deg C OR when air temperature is less than 10 deg C

IN PROCESS CHECK POINTS FOR PAINTING

	PRIMER	INTERMEDIATE	FINISH PAINT
Paint Specification	Epoxy rich Zinc primer IS 14589 Gr.II	--	Aliphatic acrylic Polyurethane IS13213: (Phirozi Blue Shade No. 179 of IS5)
Brand Name/ Supplier			
Batch No.			
Date of Mfr./Date of Expiry			
Painting Process			
No of Coats.	1		1
%Vs Primer ~ 35 (min) Paint ~ 40 (min)			
Drying Time & Date			
Dry Film thickness Primer ~ 40 microns (min) Paint ~ 30 microns (min)			
Painter Name			

***Visual examination of coating:** Free from sagging, pinholes, surface defects, contamination etc.

Remarks if any:

SIGNATURE & SEAL OF VENDOR:

INTEGRITY PACT**Between**

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi - 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for _____

_____ (hereinafter referred to as "Contract"). The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint panel of Independent External Monitor(s) (IEMs), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Principal

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
 - 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - 1.1.3 The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s)/ Contractor(s)

- 2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. The Bidder(s)/ Contractor(s) commits himself to observe the following principles during participation in the tender process and during the contract execution.

- 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Indian Penal Code (IPC) and Prevention of Corruption Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and shall await their decision in the matter.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process, terminate the contract, if already awarded, exclude from future business dealings and/ or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 4 - Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder (s) from the tender process before award / order acceptance according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/ Bid Security.
- 4.2 If the Principal is entitled to terminate the Contract according to Section 3, or terminates the Contract in application of Section 3 above, the Bidder(s)/ Contractor (s) transgression through a violation of Section 2 above shall be construed breach of contract and the Principal shall be entitled to demand and recover from the Contractor an amount equal to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher, as damages, in addition to and without prejudice to its right to demand and recover compensation for any other loss or damages specified elsewhere in the contract.

Section 5 - Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 (three) years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason or action can be taken as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 6 - Equal treatment of all Bidder (s)/ Contractor (s) / Sub-contractor (s)

- 6.1 The Principal will enter into Integrity Pacts with identical conditions as this Integrity Pact with all Bidders and Contractors.
- 6.2 In case of Sub-contracting, the Principal Contractor shall take the responsibility of the adoption of Integrity Pact by the Sub-contractor(s) and ensure that all Sub-contractors also sign the Integrity Pact.
- 6.3 The Principal will disqualify from the tender process all Bidders who do not sign this Integrity Pact or violate its provisions.

Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 -Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible panel of Independent External Monitor (s) (IEMs) for this Integrity Pact. The task of the IEMs is to review independently and objectively, whether and to what extent the parties comply with the obligations under this Integrity Pact.
- 8.2 The IEMs are not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The IEMs shall be provided access to all documents/ records pertaining to the Contract, for which a complaint or issue is raised before them as and when warranted. However, the documents/records/information having National Security implications and those documents which have been classified as Secret/Top Secret are not to be disclosed.
- 8.4 The Principal will provide to the IEMs sufficient information about all meetings among the parties related to the Contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the IEMs the option to participate in such meetings.

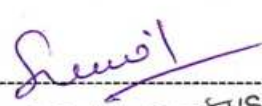
- 8.5 The advisory role of IEMs is envisaged as that of a friend, philosopher and guide. The advice of IEMs would not be legally binding and it is restricted to resolving issues raised by a Bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some Bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.
- 8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process or during execution of Contract, the matter should be examined by the full panel of IEMs jointly, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.
- 8.7 The IEMs would examine all complaints received by them and give their recommendations/ views to the CMD, BHEL at the earliest. They may also send their report directly to the CVO, in case of suspicion of serious irregularities requiring legal/ administrative action. Only in case of very serious issue having a specific, verifiable Vigilance angle, the matter should be reported directly to the Commission. IEMs will tender their advice on the complaints within 30 days.
- 8.8 The CMD, BHEL shall decide the compensation to be paid to the IEMs and its terms and conditions.
- 8.9 IEMs should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the Principal should be looked into by the CVO of the Principal.
- 8.10 If the IEMs have reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code / Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the IEMs may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- 8.11 After award of work, the IEMs shall look into any issue relating to execution of Contract, if specifically raised before them. As an illustrative example, if a Contractor who has been awarded the Contract, during the execution of Contract, raises issue of delayed payment etc. before the IEMs, the same shall be examined by the panel of IEMs. Issues like warranty/ guarantee etc. shall be outside the purview of IEMs.
- 8.12 However, the IEMs may suggest systemic improvements to the management of the Principal, if considered necessary, to bring about transparency, equity and fairness in the system of procurement.
- 8.13 The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

- 9.1 This Integrity Pact shall be operative from the date this Integrity Pact is signed by both the parties till the final completion of contract for successful Bidder, and for all other Bidders 6 months after the Contract has been awarded. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings.
- 9.2 If any claim is made/ lodged during currency of this Integrity Pact, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 - Other Provisions

- 10.1 This Integrity Pact is subject to Indian Laws and exclusive jurisdiction shall be of the competent Courts as indicated in the Tender or Contract, as the case may be.
- 10.2 Changes and supplements as well as termination notices need to be made in writing.
- 10.3 If the Bidder(s)/ Contractor(s) is a partnership or a consortium or a joint venture, this Integrity Pact shall be signed by all partners of the partnership or joint venture or all consortium members.
- 10.4 Should one or several provisions of this Integrity Pact turn out to be invalid, the remainder of this Integrity Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 10.5 Only those bidders / contractors who have entered into this Integrity Pact with the Principal would be competent to participate in the bidding. In other words, entering into this Integrity Pact would be a preliminary qualification.
- 10.6 In the event of any dispute between the Principal and Bidder(s)/ Contractor(s) relating to the Contract, in case, both the parties are agreeable, they may try to settle dispute through Mediation before the panel of IEMs in a time bound manner. In case, the dispute remains unresolved even after mediation by the panel of IEMs, either party may take further action as the terms & conditions of the Contract. The fees/expenses on dispute resolution through mediation shall be shared by both the parties. Further, the mediation proceedings shall be confidential in nature and the parties shall keep confidential all matters relating to the mediation proceedings including any settlement agreement arrived at between the parties as outcome of mediation. Any views expressed, suggestions, admissions or proposals etc. made by either party in the course of mediation shall not be relied upon or introduced as evidence in any further arbitral or judicial proceedings, whether or not such proceedings relate to the dispute that is the subject of mediation proceedings. Neither of the parties shall present IEMs as witness in any Alternative Dispute Resolution or judicial proceedings in respect of the dispute that was subject of mediation.


 For & On behalf of the Principal (Purchase)
 सुनील कुमार अर्यन / Sunil Kumar Aryan
 (Office Seal)
 उप प्रबंधक (पूरा) / Dy. Manager
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड
 Place: Varanasi
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड
 Date: 15.07.2024

Witness: _____
 (Name & Address) _____

 For & On behalf of the Bidder/ Contractor
 (Office Seal)

Witness: _____
 (Name & Address) _____

Clause on IP in the tender

Integrity Pact (IP)

- (a) IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner.
- (b) In case of any complaint arising out of the tendering process, the matter may be referred to any of the below e-mail IDs.

iem1@bhel.in ; iem2@bhel.in ; iem3@bhel.in

As on date, the positions of Independent External Monitors (IEMs) are vacant in the Company. As and when the IEMs join based on due approval of the Competent Authority, any complaint(s) received will be shared with the IEMs.

- (c) The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory) along with techno-commercial bid (Part-I, in case of two/ three part bid). Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification.

Note:

No routine correspondence shall be addressed to the above email ids regarding the clarifications, time extensions or any other administrative queries, etc on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department's officials whose contact details are provided below:

Details of contact person(s):

(1) Sumil Kumar Roy
Name: Sumil Kumar Roy
Deptt: Purchase
Address: Varanasi
Phone: (Landline/ Mobile) 9648238444
Email: skaryam@bhel.in
Fax: _____

(2) Rajiv Upadhyay
Name: Rajiv Upadhyay
Deptt: Purchase
Address: BHEL - Varanasi
Phone: (Landline/ Mobile) 8874200844
Email: rajiv4@bhel.in
Fax: _____



**PROCEDURE FOR MANUFACTURING OF CONSTANT & VARIABLE LOAD
HANGERS (CLH/VLH) (LISEGA DESIGN)**

Objective: - This document covers the procedure to be followed for manufacturing of CLH & VLH.

The material normally used and their TDC nos. are given below :

Material Specification			TDC No.
Plates	:	IS 2062 Gr. A & B	TDC:0:301 Latest Revision
	:	SA 515/SA 516 Gr. 70	TDC:0:202 Latest Revision
	:	SA 387 Gr. 12 & 22	TDC:0:202 Latest Revision
Pipes	:	SA 106 Gr. B & C	TDC 0:101, 0:112 Latest Revision
Tubes	:	SA 210 Gr. A1 & C	TDC 0:102, 0:111 Latest Revision
Bars	:	SA 105	TDC 5:002 Latest Revision
	:	SA 193 B7	

1.0 Raw material procurement control including sub deliveries.

1.1 Raw material used shall conform to the relevant specification as given in the drawing and applicable TDC/PO. Any substitution of material shall be done only with prior approval of engineering through applicable document.

1.2 The raw material for the manufacturing of CLH & VLH shall be procured from BHEL approved vendors listed in BHEL PMD. List of approved Vendors shall be furnished with BHEL Tender enquiry and Purchase Order. **All the relevant test certificates / documents shall be original and in the name of raw material vendor.** Carbon steel material of thickness less than 20 mm can however be procured from traders if tested on random basis in NABL accredited labs for each melt or each lot identified by the tagging incoming material physically and correlating the same tag with the material receipt no. recorded in the day receipt register. The lab test report shall be enclosed with the copy of test certificates.

1.3 Ensure that the raw material procured as per the specification /TDC and shall have valid test certificates, indicating the mechanical/ chemical values and other test result as the case may be.

1.4 Raw material procured shall be free from visual defects like cracks, seams, laps, laminations, heavy pitting etc. when defects are noticed in visual inspection the same shall be confirmed using appropriate NDE technique and repaired using applicable approved process.

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The detail of non-conformities shall be documented and analyzed for future improvement of process control.

1.5 Also ensure that the material are procured with the permitted dimensional tolerance of the material specification and / or TDC wherever required, the raw material shall be corrected prior to fabrication to achieve the required product tolerance.

1.6 TRACEABILITY OF RAW MATERIALS AT CLH/VLH MANUFACTURER'S WORKS

1.6.1 On receipt of the material, the practice of allotting day book no. shall be followed by hard stamping the day book no. material specification & heat no. on plates greater than 20 mm and stamping or stenciling day book no. and specification and heat no. on other material including plates of thickness less than 20 mm.

1.6.2 Raw material procured as stated under point 1.2 of note -1 shall be correlated to the mill test certificates, melt no. and specification and the confirmation shall be transferred to the job / identified by the inspector by stamping suitably on the materials.

1.6.3 This identification shall be properly documented in the register and maintained suitably for each process till completion of the final product.

1.6.4 The scanned copy of the daybook detail along with the TC and invoice as applicable shall be sent to BHEL/HERP/VARANASI for review. The material shall be further processed only on acceptance of the material by BHEL/HERP/VARANASI and physical verification by HERP QC or AIA.

1.6.5 Subsequent transfer by punching of daybook no., material specification & heat no. on plates of thickness greater than 20 mm and transfer by punching /stenciling of day book no. & specification on other material including plate of thickness less than 20 mm shall be meticulously followed during further cutting /processing & witnessing by HERP QC or AIA. The Stamp of HERP QC or AIA shall be put while transferring the details.

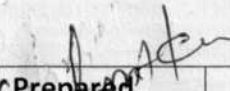
1.7 The requirement of material traceability shall be as indicated in the respective drawings.

Product attest "P" items indicated as in the drawings are traceable to the test certificates and identified with the material specification, grade and melt no. by stamping.

CERTIFIED item indicated as "C" in drawings are traceable to material specification / grade only and identified by stamping /engraving /stenciling /painting

NOTE – 2.0 FOR FABRICATION OF VLH

2.1 MARKING, CUTTING AND PREPARATION OF SCA & VLH

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2.2 Raw material shall be marked and cut to size by shearing, machining, saw cutting, flame or plasma (for SS materials) cutting. Flame cut edges shall be dressed by grinding. Gas cutting notches shall be filled up after grinding the notches smoothly by welding using compatible electrodes and ground before taking up for further fabrication.

2.3 Edge preparation of bottom end cover shall be done by machining only. Top end cover and compression plates shall be match drilled.

2.4 Lug plates shall be perpendicular to the body. Bottom end cover shall be welded maintaining perpendicularity and concentricity of hole with tube diameter. The rods bolt shall be welded with compression plate. Side suspension rods shall be set perpendicular to the lug plate and parallel to axis of pipe.

2.5 Top end cover shall be set in position after assembling the spring and compression plate. Free movement of compression plate shall be ensured before the welding of side suspension rods top end cover and top end cover shall be with pipe assembly. The eye hanger shall be welded exactly at center of top end cover.

2.6 Ensure that the spring is located centrally in the cage and not rubbing with tube wall during compression and expansion. Also ensure that the suspension rods move freely inside turn buckles.

2.7 Rating plate and indicator shall be fixed such that indicator reads zero on 56 mm compression of spring (for 80 series) and on 112 mm compression (160 mm series). The cut edge should be smoothly ground.

2.8 Heat treatment shall be done after shearing for P4 material $t > 12.5$ mm and for P5 material $t > 10$ mm. The requirement of preheat for gas cutting are as follows :

Carbon steel	$t \leq 50$ mm	:	Nil
Carbon steel	$t > 50$ mm	:	100 °C. min.
Alloy steel (P4)	$t \leq 25$ MM	:	NIL
ALLOY STEEL (P4)	$t > 25$ mm	:	150 °C
Alloy steel (P5)	ALL	:	150 °C
STAINLESS STEEL	NOT APPLICABLE		

2.9 Stress relieving for gas cut edges shall be as follows :

MATERIAL	THICKNESS	HEAT TREATMENT CYCLE
P1	> 50	600 °C / 650 °C for 30 minutes followed by

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	mm	Furnace cooling. (Alternatively , the cut surface ground /machined up to 3 mm to remove Heat affected area).
P4	> 16 mm	650 ° C - 700 ° C for 30 minutes. Cool.
P5	All	680 ° C - 730 ° C for 30 minutes. Cool.
SS (PLASMA)	Any	Not required

2.10 The raw material after cutting shall be identified with relevant Part No. and material Spec. / Grade transferred. Rating plate shall be fixed only after final assembly and painting. Pointers are to be welded to the spring plate as per drawing.

2.11 Top and bottom tie rods are to be machined to achieve the surface finish given in the drawing. Top and bottom tie rods are to be match drilled with coupling wherever two tie rods are involved. Bottom tie rod is to be match drilled with nut. Hole size shall be as per the drawing requirements.

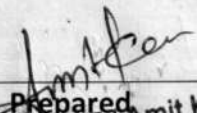
2.12 Turn buckles shall be welded as per the drawing and drilled coaxial. Special care is to be taken to ensure alignment of pins and bushes.

2.13 Areas in accessible for painting in final assembled condition shall be painted during assembly stage itself.

2.14 The Following Tolerances shall apply

Hole center of lug plate	± 2mm
Hole center of top end cover	± 2 mm
Hole center of compression plate	± 2 mm
Distance between lug plate and top end cover	+5mm/-0 mm
Length of slot	+ 5 mm/-0 mm
Width of slot	+ 2 mm/-0 mm
Lateral shift of slot	± 2 mm
Overall length of tube	± 5 mm

2.15 NDE –The following welds shall be checked by LPI as per procedure BHE: NDT: PB: PT1.

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Lug plate and turn buckles welds : 100%

Top and bottom plate welds : 10%

2.16 All other welds shall be visually examined.

NOTE -03 For CLH

Ensure the following during fabrication, machining and assembly.

3.1 Stress relieving requirements shall be same as mentioned at point 2.8 and 2.9

3.2 Suitable templates shall be used for cutting the fixed /swing plate to the required configuration. Two plates shall be tack welded and drilled to get perfect alignment of holes. Match mark are to be made for further assembly and identified pair of plates only should be used in the assembly. Suitable fixture can be used to ensure alignment of holes.

3.3 The distance between the pivot pin and hole and eye bolts pin varies with each hanger i.e. WW value shall be taken from load movement chart and shall be marked on each assembly (on swinging plate).

3.4 Adjusting Plate assembly:

3.4.1 Ensure the center lines of hole and slot are in one line. There should be no taper in the slot.

3.4.2 Necessary care shall be taken while welding side plate and tapped hole plate, to ensure side plate are exactly parallel within 1mm after welding. After welding, the adjusting plate shall be drilled and tapped.

3.4.3 Ensure axis of hole of side plates and tapped plates are perpendicular to each other. Use suitable fixture.

3.4.4 The adjusting plate assembly shall be phosphated.

3.4.5 The spring tension rods is to be machined to achieve the surface finish and slot dimensions as given in the drawing. The threads are to be protected while welding before and after assembly. Chromium plating shall be carried to achieve a minimum thickness 0.06 mm.

3.4.6 During assembly, special care is to be taken to ensure alignment of pins and bushes. After positioning all the part, the arrow is to welded suitably to swing plate assembly so that it should be coincided with zero mark on adjusting plate assembly.

3.5 All load carrying weld shall be subjected to 100% LPI as per BHE: NDT: PB: PT1. All other weld shall be subjected to 100% visual examination and 10% LPI.

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3.6 All the dimension shall be as per drawing. Untoleranced dimension for fabrication shall be as under :

Length up to and including 750 mm	±2 mm
Length above 750 mm	±3 mm

NOTE – 04 TESTING OF VLH

4.1 Ensure that the moving/mating parts are free to rotate before testing.

4.2 Load test shall be carried out on a test rig consisting of Fabricated test stand, calibrated digital load and displacement indicator, calibrated load cells, hydraulic power pack and hydraulic cylinder. (The set up should be similar to that installed in BHEL). Check the calibration of test rig by comparing the deflection of master spring also.

4.3 Mount the Variable Load Hanger on test rig and compress the spring completely then decompress gradually. Again compress the spring and mark the position of pointer by locating the mid load (mentioned in the Load Displacement format Provided by BHEL). Now take the reading of loads at other points below and above the marked mid position and record. While recording the load, it should be ensured that reading should be taken while compressing the spring and not during decompressing.

4.4 If the readings of all the positions are found within limits, Punch mark the zero, mid and extreme positions and set the pointer at zero position (if Cold & Hot values are not mentioned) or on Cold position (where Cold & Hot values are mentioned in details provided by BHEL) and lock the hydraulic nut. Remove the Hanger from test rig and weld the top cover. Paint the final assembly and fix the travel scale. Drill the Spindle bolt together with Nut at specified position. Assemble the Turn Buckle and lock with split pin.

NOTE -05 FUNCTIONAL TESTING OF CLH (LISEGA) AT MANUFACTURER'S WORKS

Adjust the compression of the main and auxiliary spring such that the load tube is at centre position between the two lower connection blocks. At this point, both the load adjusting bolts should be equally engaged with bottom connection blocks (to be ensured by measuring the unengaged portion of load bolts). Also, both the Auxiliary springs should be equally compressed. Mount the CLH on the load pulling machine. The pulling tie rod and frame of the lifting machine should be sturdy enough to take the pulling load of respective constant load hanger. Release and remove the Guide bolt stop plates and compress the main spring by pulling the load tube approximately 125 mm for travel scale 150mm, 275 mm for travel scale 300 mm, 425 mm for travel scale 450 mm, 575 mm for travel scale 600 mm (measured by travel scale). There should not be any rubbing between Load tube and Upper Spring end plate. Also there should not be any jamming / unusual rubbing noise of mating components. Check the Nylon Stell rings, it

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should not be rubbing with case assembly. Inspect by Pulling each assembly 3 to 4 times on the Pulling machine. If deviation is observed, dismantle the assembly and rectify the deviated component.

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Surface preparation Inspection and Testing Requirement for Hanger CLH/VLH

Sr. No.	CHARACTERISTIC CHECKED	TYPE/METHOD OF CHECK	EXTENT OF CHECK	ACCEPTANCE CRITERIA	FORMAT OF RECORD	AGENCY			REMARKS (CONSEQUENCE)
						P	W	V	
1	Environmental Conditions	Ambient and steel temperature, relative humidity, dew point	before start of each shift + minimum twice per shift	in accordance with specified requirements	Inspection logsheet for painting (Document No.- BHEL/HERP/LH/PAINTI NG/001)	3	-	2	No blasting or coating should be there
2	Visual examination	visual for sharp edges weld spatter silvers, rust grade etc	100% of all surfaces	No defects, see specified requirements	Inspection logsheet for painting (Document No.- BHEL/HERP/LH/PAINTI NG/001)	3	-	2	Defects to be repaired till acceptance
3	Cleanliness	a) ISO 8501-1 b) ISO 8502-3	a) 100% visual of all surfaces b) 100% Spot checks by vendor & 1 piece/Lot by BHEL	a) In accordance with specified requirements b) Maximum quantity and size rating 2	Inspection logsheet for painting (Document No.- BHEL/HERP/LH/PAINTI NG/001)	3	2	-	a) Reblasting b) Recleaning and retesting until acceptable
4	Salt test	ISO 8502-6 and ISO 8502-9	100% Spot checks by vendor & 1 piece/Lot by BHEL	Maximum conductivity corresponding to 20 mg/m ² NaCl	Salt test report (Document No.- BHEL/HERP/LH/PAINTI NG/001)	3	2	-	Repeated washing with potable water & retesting until acceptable
5	Roughness	Comparator or stylus instrument (see ISO 8503)	Each component or once per 200 m ² (100% by vendor & 10% by BHEL)	As specified		3	2	-	Reblasting till acceptance
DOC. NO.	RV-LH-PAINT-001-REV 00	PREPARED BY	APPROVED BY			P = PERFORM	T.C. = TEST CERTIFICATE		
DATE	27.07.2024	SIGNATURE & DATE	SIGNATURE & DATE			W = WITNESS	H.T. = HEAT TREATMENT		
						V = VERIFY			
						3 = VENDOR			
						2 = BHEL			

General Notes :-

- Grease and Oil Removal: Special care shall be taken to remove grease and oil by means of suitable solvents as per SSPC-SP-01.
- SA2 1/2 Very through blast cleaning: ISO 8501-1: When viewed without magnification, the surface shall be free from visible oil, grease and dirt, and from mill scale, rust, paint coatings and foreign matter.
- Machined surface are not painted
- Bought-out items shall be as per BHEL painting standards. This painting scheme shall be applicable for Hangers (CLH/VLH) components as mentioned as per QP.
- Touch-up paintings, making good any damaged shop painting and completing any unfinished portion of the shop coat shall be carried out as per clause applicable painting scheme.
- Make of Paints are: (i) Asian Paints India Limited (ii) Shalimar Paints (iii) Jotun (iv) Akzonobel (v) Berger Paints (vi) Good lass Nerolac Paints (vii) Bombay Paints (viii) Jensen & Nicholson

(Signature)
RAJESH CHANDRA GAUTAM
Manager (ESM)

(Signature)
Bharat Heavy Electricals Limited
भारत भारी इलेक्ट्रिकल लिमिटेड
प्लॉट नं. 6, आर.टी. - रावपुरा/HERP-Varanasi

BHVP HERP VARANASI QUALITY PLAN

QUALITY PLAN FOR CONSTANT LOAD HANGERS

SL. NO.	COMPONENT	CHARACTERISTIC CHECKED	TYPE/METHOD OF CHECK	EXTENT OF CHECK	REFERENCE DOCUMENTS & ACCEPTANCE NORM	FORMAT OF RECORD	AGENCY	W	V	REMARKS
1.0	Raw Material : Plates : IS2062 Gr-A/B, BQ plates SA515/SA516 Gr-70 Rods : SA 182, SA 105, SA 193B7, Pipes : SA 106 Gr-B	i. Verification of supplier's certificates for chem. & mech. Properties ii. Soundness of BQ plates SA515/SA516 Gr-70	Certificate review Ultrasonic testing	100% 100%	IS2062 Gr-A/B, SA515/SA516 Gr-70 for plates, SA105, SA 193 B7 /En19 U for rods, SA106 Gr-B for pipes ASTM A435	T.C. TC	3 3	- -	2 2	Raw material sources and T.C. requirements shall be as per standard No. RV/CLH-VLH/Procedure-001 REV-00 T.C. is not required if plates are supplied as free issue material from BHVP. However, traceability of material should be maintained as per standard No. RV/CLH-VLH/Procedure-001 REV-00
2.0	In process inspection	i. Surface preparation ii. Fit up exam iii. DP. Testing of welded joints iv. MPI of Load Tube at Forming End & Checking of Contour of Load Tube v. Dimensions of components after machining vi. Zinc plating (wherever specified in the component drawing) i. Dimensions after Assy	Measurement Measurement D.P. test MPI test Measurement Measurement of coating thickness Measurement	100% 100% 100% 100% by Vendor 10 % by BHVP 100% Random sample basis 100% by Vendor 10 % by BHVP	DOC No : RV-LH-PAINT-001-REV 00 Drawing BHE/NDT-PB-PT-01 AA 0850133 & AA 0850134 Level-1 Drawing Drawing Drawing.	Log sheet Dim. report TC TC Dimension report Inspection Report Dimension Report	3 3 3 3 3 3 3	2 - 2 2 - 2 2	- 2 - - 2 - -	Surface Preparation & surface profile. Abrasive blast to Sa 2-1/2 .30-35 microns before painting inspection & Testing for surface preparation as per DOC No : RV-LH-PAINT-001-REV 00 unspecified tolerances shall be maintained as per clause no. 3.6 of standard No. RV/CLH-VLH/Procedure-001 REV-00 10% D.P. test shall be witnessed by BHVP Inspector 10% MPI test shall be witnessed by BHVP Inspector at Forming End to detect Surface Cracks. The Formed Contour of Load tube should also be checked for its forming as per drawing/Approved template by BHVP/BHVP Representative. unspecified tolerances of machined components shall be maintained as per medium tol. Grade of Specn. IS : 2102
3.0	Final inspection after assy.	ii. Painting of casing iii. Make of fasteners iv. Functional test v. Identification & Marking vi. Packing in wooden Crates/ Fabricated Frames	Paint shade and DFT Review of documents Assembly movement test Punching of Type no., P.O.No. & Vendor Code & Inspector Seal Visual	10% by BHVP on random basis 100% 100% by Vendor, random 10% by BHVP 100% by BHVP 100%	- Testing Process as per clause- 5 of standard No. RV/CLH-VLH/Procedure-001 REV-00. -	Inspection Report Inspection Report Inspection report Inspection Report Inspection Report	3 - 3 3/2 3	2 - 2 2 2	- 2 - - -	Apply one coat of Epoxy Zinc rich primer, (% vs = 35 min), dft = 40 micron minimum followed by one coat of Aliphatic acrylic polyurethane paint, (% vs = 40 min), dft = 30 micron minimum. Paint shade will be phirozi blue (IS-5, shade no. 176). Inspection & Testing for surface preparation as per DOC No : RV-LH-PAINT-001-REV 00 All the Std fasteners like Nuts, Bolts, Screws should be as per make specified in technical specn provided with PO. All the fasteners shall be zinc plated and yellow passivated Load test shall be carried out on a test rig consisting of Fabricated test stand, hydraulic power pack and hydraulic cylinder. (The set up should be similar to that installed in BHVP). Vendor Code is to be punched near Name Plate-1 for proper account of items. Packing condition shall be as per technical specification of the PO.
QP. NO.	RV-QP-LH-01 Rev-01	DATE	22-07-2024	PG. NO.	1 OF 1	PREPARED BY SIGNATURE & DATE APPROVED BY SIGNATURE & DATE LEGENDS : P = PERFORM W = WITNESS V = VERIFY 3 = VENDOR 2 = BHVP TPI T.C. = TEST CERTIFICATE H.T. = HEAT TREATMENT				

RAJESH CHANDRA GAUTAM
 Manager (E+M)
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 Bharat Heavy Electricals Limited
 एवं.ई.आर.पी.-वाराणसी/HERP-Varanasi