

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
HEAVY PLATES AND VESSELS PLANT
PURCHASE DEPARTMENT
VISAKHAPATNAM - 530012
ANDHRA PRADESH(INDIA)

Page
1/4

Contact Ph No :0891-6681301
Fax :0891-6681700
Email :ashishkmr@bhel.in
Web : hpvp.bhel.in

Enquiry No (Coll-No)	Enquiry Date	Due Date for Quotation
H091800006	02.02.2018	17.02.2018
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order. Bid should be submitted in two parts. 1.Techno-commercial bid (Part-I) and 2.Price bid(Part-II) in a separate sealed cover and both covers must be placed in a third cover and sealed. Our Enquiry No., Enq. date & Enq. Due date must be written on all three covers.		

Item	Description	Unit	Quantity	Delivery Quantity	Delivery Date
10	DIA 25 - SA182F316 153242760000 TDC NO.309; REV-04	MT	0.002	0.00	13.03.18
20	DIA 25 - SA182F316 153242760000 TDC NO.309; REV-04	MT	0.008	0.01	13.03.18
30	DIA 25 - SA182F316 153242760000	MT	0.003	0.00	13.03.18
40	DIA 25 - SA182F316 153242760000	MT	0.010	0.01	13.03.18
50	DIA 25 - SA182F316 153242760000 TDC NO.309; REV-04	MT	0.020	0.02	13.03.18
60	DIA 40mm-SA182 F316 153242770000	MT	0.008	0.01	13.03.18
70	DIA 40mm-SA182 F316 153242770000 TDC.NO.0309.REV.04	MT	0.008	0.01	13.03.18
80	DIA 100 - SA182F316 153242460000	MT	0.026	0.03	13.03.18
90	ROUND DIA 16 - SA479TY304 153241920000	KG	0.100	0.10	13.03.18
100	ROUND DIA 16 - SA479TY304 153241920000	KG	0.162	0.16	13.03.18

The offers should reach us before 14:00 hrs on the due date of opening of the tender. The offers will be opened after 15.00 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For BHARAT HEAVY ELECTRICALS LIMITED

Anand Kumar Ray
Manager (MP-BO)
Bharat Heavy Electricals
HPVF, Visakhapatnam

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
HEAVY PLATES AND VESSELS PLANT
PURCHASE DEPARTMENT
VISAKHAPATNAM - 530012
ANDHRA PRADESH(INDIA)

Page
2/4

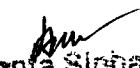
Contact Ph No :0891-6681301
Fax :0891-6681700
Email :ashishkmr@bhel.in
Web : hpvp.bhel.in

H091800006 / 02.02.2018

110	ROUND DIA 16 - SA479TY304 153241920000 TDC.NO.0309.REV.04	KG	0.062	0.06	13.03.18
120	ROUND DIA 100 - SA479TY304 153241030000	KG	9.503	9.50	13.03.18
130	ROUND DIA 100 - SA479TY304 153241030000	KG	9.503	9.50	13.03.18
140	ROUND DIA 100 - SA479TY304 153241030000	KG	9.503	9.50	13.03.18
150	SS FORGED ROUND BAR DIA 20 SA182 F304 156275100000 TDC : TS055 INSPECTION : BHEL	KG	5.000	5.00	13.03.18
160	SS FORGED ROUND BAR DIA 20 SA182 F304 156275100000 TDC:TS 055 LENGTH OF ROUND :DIA20X1000LG- 01NO.	KG	2.500	2.50	13.03.18
170	SS FORGED ROUND BAR DIA 30 SA182 F304 156275110000 TDC : TS055 INSPECTION : BHEL	KG	16.647	16.65	13.03.18
180	SS FORGED ROUND BAR DIA 30 SA182 F304 156275110000 TDC:TS 055 LENGTH OF ROUND :DIA30X1000LG - 01 NO.	KG	5.549	5.55	13.03.18
190	SS FORGED ROUND BAR DIA 50 SA182 F304 156275120000	KG	61.652	61.65	13.03.18

The offers should reach us before 14:00 hrs on the due date of opening of the tender. The offers will be opened after 15:00 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**


Ananta Sinha Ray
Manager (MP-BOI)

Bharat Heavy Electricals Limited

Visakhapatnam

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
HEAVY PLATES AND VESSELS PLANT
PURCHASE DEPARTMENT
VISAKHAPATNAM - 530012
ANDHRA PRADESH(INDIA)

Page
3/4

Contact Ph No :0891-6681301
Fax :0891-6681700
Email :ashishkmr@bhel.in
Web : hpvp.bhel.in

H091800006 / 02.02.2018

	TDC : TS055 INSPECTION : BHEL				
200	SS FORGED ROUND BAR DIA 50 SA182 F304 156275120000 TDC:TS 055 LENGTH OF ROUND : DIA 50X2000LG - 01 NO.	KG	30.826	30.83	13.03.18
210	SS FORGED ROUND BAR DIA 80 SA182 F304 156275130000 TDC : TS055 INSPECTION : BHEL	KG	7.122	7.12	13.03.18
220	SS FORGED ROUND BAR DIA 80 SA182 F304 156275130000 TDC:TS 055 LENGTH OF ROUND :DIA80X500LG - 01 NO.	KG	17.806	17.81	13.03.18
230	HEXBAR 30MM SA 182 F 304 156271930000 TDC:TS 055 LENGTH OF HEX. ROUND :30X500LG - 01 NO.	KG	3.000	3.00	13.03.18
240	SS HEX BAR A/F 17 SA182 F304 156275150000 TDC : TS055 INSPECTION : BHEL	KG	0.199	0.20	13.03.18
250	HEXBAR 17MM SA 182 F 304 156271860000 TDC:TS 055 LENGTH OF HEX. ROUND 17X1000LG - 01 NO.	KG	2.000	2.00	13.03.18
260	SS HEX BAR A/F 35 SA182 F304 156275160000 TDC : TS055	KG	4.168	4.17	13.03.18

The offers should reach us before 14:00 hrs on the due date of opening of the tender. The offers will be opened after 15.00 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

Ananta Sinha Ray
Manager (MP-BOI)
Bharat Heavy Electricals Ltd
HPVP, Visakhapatnam

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
HEAVY PLATES AND VESSELS PLANT
PURCHASE DEPARTMENT
VISAKHAPATNAM - 530012
ANDHRA PRADESH(INDIA)

Page
4/4

Contact Ph No :0891-6681301
Fax :0891-6681700
Email :ashishkmr@bhel.in
Web : hpvp.bhel.in

H091800006 / 02.02.2018

	INSPECTION : BHEL				
270	SS HEX BAR A/F 63 SA182 F304 156275180000 TDC : TS055 INSPECTION : BHEL	KG	4.048	4.05	13.03.18
280	SS HEX BAR A/F 50 SA182 F304 156275170000 TDC : TS055 INSPECTION : BHEL	KG	3.399	3.40	13.03.18
290	SS HEX BAR A/F 50 SA182 F304 156275170000 TDC:TS 055 LENGTH OF HEX. ROUND :A/F 50X500LG - 01 NO.	KG	8.498	8.50	13.03.18

General Note:

SUPPLY OF HEX BAR & FORGED BAR

FOR DETAIL OF SIZE OF ROUND BAR , QUANTITY , SPECIFICATION , TDC & INSPECTION PL. REFER ANNEXURE-IV.

UNIT OF MEASUREMENT : RS./KGS

Enclosures:

- 1.ANNEXURE-I [MSE]
- 2.ANNEXURE-II [COMMERCIAL TERMS AND CONDITIONS]
- 3.ANNEXURE-III [GST CLAUSE]
- 4.ANNEXURE-IV [DETAIL OF ROUND BARS & HEX BARS]
- 5.SPECIAL TERMS AND CONDITIONS
- 6.TDC 309 REV.07
- 7.TDC :TS055

The offers should reach us before 14:00 hrs on the due date of opening of the tender. The offers will be opened after 15.00 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening. Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

Ananta Sinha Ray
Manager (WP-BOI)
Bharat Heavy Electricals Ltd.
HPVP, Visakhapatnam

Certificate by Chartered Accountant on letter head

This is to Certify that M/s.....
(hereinafter referred to as 'Company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part—II)Dtd:
Category: (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the
latest audited financial yearas per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e.. original cost
excluding land and building and the items specified by the Ministry of Small Scale industries vide its
notification No.S.O.1722(E) dated October 5, 2006 :

Rs..... Lacs.

2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building
and furniture, fittings and other items not directly related to the service rendered or as may be notified
under the MSMED Act, 2006:

Rs..... Lacs.

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of
Rs.....Lacs for..... Micro / Small (Strike off which is not applicable)
Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) (Strike off which is
not applicable) and the date of graduation of such enterprise from its original category
is..... (dd/mm/yyyy) which is within the period of 3 years from the date of
graduation of such enterprise from its original category as notified vide S.O. No. 3322(E)
dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of
MSME.

Date:

(Signature)

Name:

Membership number:

Seal of Chartered Accountant

ANNEXURE -II**COMMERCIAL TERMS AND CONDITIONS**

VENDOR SHOULD INVARIABLY ENCLOSE THIS FORMAT DULY FILLED TO THE QUOTATION. OTHER WISE, THE OFFER IS LIABLE TO BE REJECTED.

BHEL HPVP REQUIREMENT	VENDOR COMMENTS
1. Vendor should categorically indicate confirmation of all the points of Technically delivered condition and commercial term and Condition with signature and stamped at the bottom of each document and submit the same along with Un-priced technical Bid. Offer of those who do not confirm compliance of all terms and condition are likely to be rejected.	
2. Vendor should confirm that no deviations in the tech. specifications, delivery conditions etc., will be asked if order is placed.	
3. Vendor should confirm that the quoted prices should be firm without any variations till the end of complete execution of order. NO REVISION OF PRICES WILL BE ENTERTAINED AFTER TENDERS ARE OPENED.	
4. Vendor should confirm that any statutory variations in the rate of taxes / duties will be applicable only within the contractual delivery period.	
5. YOUR OFFER SHOULD INDICATE THE FOLLOWING: 1. Price Basis : FOR-BHEL-HPVP, Visakhapatnam 2. Packing & Forwarding Charges (To be included in the offered Price) 3. Testing Charges(To be included in the offered Price) 4. GST to be indicated clearly 5. HSN CODE 6. Make/Mill of Round Bars	1. 2. 3. 4. 5. 6.
6. Payment terms: 100% payment shall be made within 45 days from the date of receipt and acceptance of materials at BHEL. However, GST portion of invoice shall be released only upon 1. Vendor declaring the invoice in his GSTR-1. 2. Receipt of Goods and Tax Invoice by BHEL. 3. Confirmation of payment of GST thereon by vendor on GSTN Portal. Any deviation in the above payment terms will attract loading as mentioned below. "Base rate of SBI (as applicable on the date of techno commercial bid opening) + 6% shall be considered for loading for the period of relaxation sought by bidder" Note: Offers with Payment against Proforma Invoice / Advance payment / LC are liable to be rejected.	
7 Delivery Period: The acceptable Delivery period shall be within 2 weeks to 8 weeks from date of Purchase order to the date of LR or Invoice whichever is later. Loading Factor : The offer which do not confirm to 2 weeks of delivery period but are within 8 weeks of delivery period shall be loaded for delayed delivery beyond 2 weeks @ 0.5% per weeks or part thereof on the offered basic value. Any offer quoting beyond 8 weeks of delivery shall be summarily rejected	

8.	L.D. CLAUSE: Delivery is the essence of this contract. In the event of your failure to ship the materials with in the stipulated delivery period LD @ 1/2% per week of delay to a max of 10% on total order value will be applicable. Date of LR/Invoice whichever is later shall be considered for LD calculation purpose. In case of delay, you should deduct applicable L.D and negotiate the documents for balance amount only. IN CASE OF LD RECOVERY, THE APPLICABLE GST SHALL BE RECOVERED FROM THE SUPPLIER. Any deviation from the above LD clause, loading shall be applied to the extent of relaxation sought to which it is not agreed by the bidder at offered basic value.
9.	Rejected materials if any after receipt of material at our end shall be replaced by Supplier at free of cost(inclusive of all testing , inspection ,TPI, service charges etc) up to destination immediately without any extra freight from defect notification date.
10.	VALIDITY OF QUOTATION: 60 Days from the Technical Bid Opening.
11.	BHEL HPVP reserves the right to Reduce / Increase the quantities mentioned in the enquiry. Vendor shall agree to accept Item wise order / Part Quantity of each item / Part Order.
12.	BHEL reserve the right to negotiate and Refloat the tender if the lowest Offered price is not found competitive.
13.	BHEL HPVP reserves the right to cancel the Enquiry / Tender at any stage without assigning any reasons thereof. And BHEL HPVP reserves the right to reject or accept one or any offer without assigning any reason.
14.	RISK PURCHASE: The Delivery Period stated in the order should be realistic and should be strictly adhered to. If the deliveries are not maintained and on the account as per order this company is forced to buy the materials elsewhere any loss or damage that company may sustain their by the purchaser is entitled to procure the material at the risk and cost of the seller.
15.	ARBITRATION: Not withstanding anything contained in any document what so ever, all questions, matters, disputes and claims relating to and arising out of this contract, shall be referred to sole arbitrator, who shall be appointed by the Head of the Unit, BHEL HPVP, Visakhapatnam at his sole discretion. Such appointment of arbitrator shall not take place unless and until a written request for appointment of arbitrator from any of the parties to the contract has been received by the Head of the Unit as aforesaid. The arbitrator shall give his reasoned award. It is a term of this contract that no person other than a person appointed by Head of Unit as aforesaid should act as arbitrator and if for any reason that is not possible, the matter is not to be referred to arbitrator at all. The venue of arbitration shall be such place as may be fixed by the arbitrator at his sole discretion .The award of arbitrator shall be final, conclusive binding on all parties to the contract.
16.	JURISDICTION: Not out of this contract including that arise out of arbitration and bank guarantees, shall be initiated, filed and tried only in the courts, tribunals and forums, situated at and having territorial jurisdiction over Visakhapatnam even though such jurisdiction also vests in courts, tribunals & forums situated elsewhere in the country .
17.	As per the Instructions from Government of India Ministry of Industry vide Ref.No:6(3) / 89 - Fin - III Dated.11 April 1989, the Indian agent of Foreign

RFQ NO. H091800006 DTD 02.02.2018

	suppliers should furnish a copy of his valid agreement with the supplier indicating the details of commission payable either in foreign currency or in Indian Rupees.	
18.	INSURANCE: By supplier only. Insurance charges to be included in offered Price.	
19.	Supplier Should guarantee against all design ,manufacturing and for performance for a period of 18 month from the date of Last dispatch or 12 months from date of Commissioning whichever is earlier.	
20.	In case of order, Price should be firm till execution of order.	
21.	No overdue Interest will be payable by BHEL to either supplier or His Bankers.	
22.	Dimensions of the consignment [LXWXH/ Gross Wt/ Net Wt. to be indicated. You may enclose separate sheet if space is not adequate.	
23.	Reverse Auction : As per RFQ Clause No. 05 of Special Terms and condition	
24.	INSPECTION : FOR RFQ SL. NO. 01 TO 14 : BY IBR . IBR INSPECTION CHARGE INCLUSIVE IN OFFERED PRICE. FOR RFQ SL. NO. 15 TO 29: By M/S BHEL/ TPIA at your works & inspection charges to BHEL A/C. When material is ready for Inspection, Supplier need to register ON LINE for offering for Inspection on BHEL Web site (www.cgir.bhel.in) BHEL authorized TPIA will attend & carry out Inspection. Supplier should also inform us thru mail regarding Readiness of material & informing to carry out inspection. BHEL representative from unit or CQ is authorized to carry out Audit along with TPIA at vendors work before clearing item for Dispatch.	

ANNEXURE-III GST TERMS AND CONDITION- Dated 14.07.2017

Cl. No.	BHEL Terms/ Requirement	Supplier Acceptance
1	The bidder to specify in their offer (part 1 bid) the category of their registration under GST like Registered, Unregistered and composite dealer.	
2	The provisional GST registration number of Bharat Heavy Electrical Ltd, Heavy Plates and Vessels Plant, Visakhapatnam is "37AAACB4146P7Z8" with state Code as "37" and State Name as "Andhra Pradesh".	
3	No GST will be reimbursed to unregistered or composite dealer. In the event, any GST is quoted by composite dealer, the same shall be added to the cost of supply in evaluating the bid.	
4	Supplier shall mention their GSTIN registration number(GSTIN) in all their invoices and invoices shall be in the format as specified/prescribed under GST Laws. Invoices shall necessarily contain invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no commercial invoice no etc., then the invoice No which is linked/uploaded in GSTN Network shall be clearly indicated), item description as per PO'Quantity Rate, Value, applicable taxes with nomenclature (like IGST , SGST , CGST & UTGST) separately, HSN/ SAC Code, etc	
5	All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).	
6	The bidder shall clearly indicate HSN (Harmonised System Nomenclature) / SAC (Service Accounting Code), its description and applicable rate of GST for each item in his techno-commercial bid.	
7	In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.	
8	In case vendor 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 as per GST law shall be recoverable from vendor along with interest levied / leviable on BHEL.	
9	Vendors must ensure compliance of all the applicable rules and procedure as envisaged in the GST Regime. Any loss to BHEL-HPVP due to fault / noncompliance by the vendor will be to the vendor's account.	

ANNEXURE-IV-DETAIL OF FORGED ROUND BAR AND HEXBARS for RFQ NO. H091800006 DT 02.02.2018							
Sl. No.	MATLCD	DESCRIPTION	SPECIFICATION	Praposed Size	Praposed Weight in Kgs	TDC	Inspection
1	153242760000	DIA 25 - SA182F316	SA182F316	Dia 25X6000 Lg-1 Nos	29.436	309 REV.04	IBR
2	153242770000	DIA 40mm-SA182 F316	SA182F316	Dia 40X2000 Lg-1 Nos	19.73	MTC	IBR
3	153242460000	DIA 100 - SA182F316	SA182F316	Dia 100X500 Lg- 1 Nos	30.827	MTC	IBR
4	153241920000	ROUND DIA 16 - SA479TY304	SA479TY304	Dia 16X500 Lg-1 Nos	0.789	309 REV.04	IBR
5	153241030000	ROUND DIA 100 - SA479TY304	SA479TY304	Dia 100X500 Lg- 1 Nos	30.827	MTC	IBR
6	156275100000	SS FORGED ROUND BAR DIA 20 SA182 F304	SA182F304	Dia 20X4000 Lg-1 Nos	9.864	TS055	BHEL
7	156275110000	SS FORGED ROUND BAR DIA 30 SA182 F304	SA182F304	Dia 30X5000 Lg- 1 Nos	27.745	TS055	BHEL
8	156275120000	SS FORGED ROUND BAR DIA 50 SA182 F304	SA182F304	Dia 50X6000 Lg-1 Nos	92.484	TS055	BHEL
9	156275130000	SS FORGED ROUND BAR DIA 80 SA182 F304	SA182F304	Dia 80X1000 Lg- Nos	39.458	TS055	BHEL
10..	156271930000	HEXBAR 30MM SA 182 F 304	SA182F304	A/F 30X500 Lg- 1 Nos	3.5325	TS055	BHEL
11	156275150000	SS HEX BAR A/F 17 SA182 F304	SA182F304	A/F 17X1000 Lg-1 Nos	2.269	TS055	BHEL
12	156275160000	SS HEX BAR A/F 35 SA182 F304	SA182F304	A/F 35X500Lg- 1 Nos	4.808	TS055	BHEL
13	156275180000	SS HEX BAR A/F 63 SA182 F304	SA182F304	A/F 63X200 Lg- 1 Nos	6.2308	TS055	BHEL
14	156275170000	SS HEX BAR A/F 50 SA182 F304	SA182F304	A/F 50X1000 Lg-1 NOS	19.625	TS055	BHEL
				TOTAL	317.625		

NOTE:

1. FORGED ROUND BAR AND HEXBARS ARE REQUIRED AT M/S BHEL-HPVP-VISAKHAPATNAM.INDIAN VENDOR SHALL QUOTE FREIGHT CHARGES ACCORDINGLY.

2. RELEVANT TDC SHOULD BE DULY SIGNED AND STAMPED BY VENDOR AND SUBMIT ALONG WITH QUOTATION.

3. Offers of supplier/stockiest/traders who can supply Round Bar should be reputed make except china make shall be considered for scrutiny subject to technical acceptance. Suppliers have to indicate Make/Mill of Round Bar clearly they have considered & will supply in Technical bid.

4. Unit of Measurement : Rs./ Kgs

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)

Heavy Plates & Vessels Plant

Visakhapatnam – 530 012, A.P. INDIA

Phone : 0891-668-1301 / 1179

E-mail : sjtrivedi@bhel.in

: ananta@bhel.in

SPECIAL TERMS & CONDITIONS

CATEGORY OF TENDER: Two-Bid System/Limited Tender

ENQ NO . H09180006 DATE 02.02.2018

Sub: SUPPLY OF FORGED ROUND BAR & HEX BARS.

1. Offers of supplier/stockiest/traders who can supply Round Bar should be reputed make except china make shall be considered for scrutiny subject to technical acceptance. Suppliers have to indicate Make/Mill of Round Bar clearly they have considered & will supply in Technical bid.
2. Forged Flange is required at M/S BHEL-HPVP, Visakhapatnam. Vendor shall quote the freight charges inclusive of Insurance for FOR-BHEL-Visakhapatnam basis as under. This clause is applicable for Indian Manufacturer only.

(a) Freight Charges for FORGED ROUND BAR & HEX BARS (% of basic):FOR- BHEL-HPVP-VSKP basis: Inclusive @ ____ %/Extra @ ____ %.
3. CEBG & PBG NOT APPLICABLE.
4. Vendor shall submit Categorical Confirmation on Commercial Terms and Conditions (CTC) as per Annexure-II & ANNEXURE-III[GST TERMS AND CONDITION] enclosed to the Enquiry. The offers of those Vendors who do not comply with all the Clauses of Commercial Terms and Conditions (CTC) in total are likely to be rejected.
4. **Price Evaluation:** Price shall be considered on Landed Cost basis (Total cost to BHEL). Landed cost shall be worked out on price quoted including Quantity, P&F charges, Testing & Inspection charges, Freight, Transit Insurance, Loadings on Deviations, Customs duty, loading as per customs notifications, GST after taking out Input Tax Credit as applicable. The Price comparative statement shall be worked out on overall Landed cost basis (Total cost to BHEL) for **ITEM WISE L1 BASIS**.
 - a) The comparative statement of the price prepared on the reference date shall remain firm throughout the period. Any change in duty and tax structure during execution of the contract will not be considered for the re-ranking of vendors.
 - b) The lowest price received against BHEL, HPVP tender need not be commercially lowest price (L-1). BHEL, HPVP reserves the right to negotiate the same.
 - c) BHEL, HPVP reserves the right/option to REFLOAT the tender if L-1 price is not the lowest acceptable price to BHEL, HPVP.
 - d) The prevailing Exchange rates (TT selling rate of SBI) on the date of opening of Technical Bid shall be considered for Price Evaluation of import offers. If the date of opening of Technical bid happens to be a bank holiday or no forex, then the forex rate as on previous bank (SBI) working day shall be considered.
5. **Reverse Auction:** BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non consideration of their bids, in case BHEL decides to go for RA.

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)

Heavy Plates & Vessels Plant

Visakhapatnam – 530 012, A.P. INDIA

Phone : 0891-668-1301 / 1179

E-mail : sjtrivedi@bhel.in

: ananta@bhel.in

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. **The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.**

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).” As a reminder to the bidders, system will flash following message (in RED Color) during the course of 'online sealed bid':

“Bidders to submit online sealed bid less than or equal to their envelope sealed bid already submitted to BHEL”

6. SPECIAL PROVISION FOR MICRO AND SMALL ENTERPRISES(MSE) - APPLICABLE FOR INDIAN MANUFACTURER ONLY:

- i) As per the public procurement policy notified by the Central Government ,Micro & small Enterprises (MSE) participating in the tender , quoting Price within Price band of L1 + 15 % will be allowed to supply a portion of requirement subject to acceptance of L1 price in a situation where L1 price is from someone other than a Micro & small enterprise & such Micro and small Enterprise shall be allowed to supply up to 20% of Quantity .In case of more than one such MSE, the supply shall be shared proportionately.
- ii) 20% of the tendered quantity is earmarked for MSE suppliers in this tender.
- iii) Special provision for Micro and Small Enterprises owned by SC or ST:Out of 20% tendered quantity reserved for MSE suppliers,4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs. In event of failure of such Micro and Small enterprises to participate in the tender process or meet the tender requirements and the L1 price, the 4% sub-target for procurement earmarked MSE owned by SC / ST entrepreneurs shall be met with other MSE enterprise/s.
- iv) MSE Suppliers can avail the intended benefits only if they submit along with the 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 attested Copy of a CA certificate (Format enclosed as per Annexure –I where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year(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 is 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

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
Heavy Plates & Vessels Plant
Visakhapatnam – 530 012, A.P. INDIA

Phone : 0891-668-1301 / 1179
E-mail : sjtrivedi@bhel.in
: ananta@bhel.in

portal. Documents should be notarized or attested by a Gazetted Officer. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements.

- v. In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge 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 steps for suspension of the business dealing with the bidder as per the procurement policy of BHEL.
- vi. All Micro and Small Enterprises (MSEs) who are having Udyog Aadhaar Memorandum shall also be provided all the benefits available for MSEs under the Public Procurement Policy for Micro and Small Enterprises (MSE), order 2012.
- 6. **Exchange Rate:** For evaluation, the foreign exchange rate will be considered as on date of opening the Technical Bid. If the relevant day happen to be a bank holiday/Forex day, then the Forex rate as on previous Bank(SBI) working day shall be taken.
- 7. BHEL reserves the right to cancel the Enquiry / Tender at any stage without assigning any reasons thereof. Also BHEL reserves the right to reject or accept one or any offer without assigning any reason.
- 8. **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 <http://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."
- 9. **Linking up of Old issues:** In case if you have any outstanding problem with earlier supplies, you should not link up against this enquiry or PO at later stages.

10. GUIDELINES FOR SUSPENSION OF BUSINESS DEALING WITH SUPPLIERS:

The offers of the bidders who are under suspension as also the offers 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.

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

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Government of India Undertaking)
Heavy Plates & Vessels Plant
Visakhapatnam – 530 012, A.P. INDIA

Phone : 0891-668-1301 / 1179
E-mail : sjtrivedi@bhel.in
: ananta@bhel.in

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 mal-practices, 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 omits 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](http://www.bhel.com) and/or under applicable legal provisions.

-----XXXXX-----

Revision Record:

Rev:01: Source of supply for AS included. Rev:02:12/11/96: Text re-written, Class.No.s introduced for Alloy steel. High temperature test removed. TDC:0: 306/00 merged into this. Rev:03: Cl. 4.0, 6.0, 9.0 modified. Rev 04: Cl 5.0 revised to include Impact test for Bars used for Valves Purchase Orders; Clarity brought in Cl 4.0

1.0 MATERIAL SPECIFICATION: ASME (Latest on date of Purchase Order (PO)):

CS : SA 105

AS : SA 182 F11 Class 2, F12 Class 2 & F22 Class 3, SA 193 B7 & B16

SS : SA 182 Gr. F 316, SA 479 TP 410 Condition 2.

Additional Requirement: As listed below (supplementary to Specification)

Size and Qty.: As per Purchase order & Drawing.

2.0 CHEMICAL COMPOSITION & PROCESS

Melting: CS & AS: Fully killed. SS: hot finished. Product analysis per heat: CS: C_{max}=0.25%.

Steel for making bars to be inspected at Mill & test certificate countersigned by IBR approved Inspecting Authority, if the mill is not approved under IBR as well known steel maker

Steel for SA 182-F11, F12 and F22 if indigenously procured, to be from following manufacturers approved under IBR for creep resistant steels: i) Alloy Steel Plant, Durgapur, ii) Tata Iron & Steel Company, Jamshedpur & iii) Mahindra Ugin Steel Company, Bombay.

3.0 DIMENSIONS AND TOLERANCES

Dimensional Tolerances : CS & AS: as per SA 29. SS: as per SA 484.

4.0 HEAT TREATMENT(HT)

CS: Normalised at temp 880-920 deg C. AS(SA 182): Normalised and tempered,

SA 193: Quenched and tempered.

5.0 MECHANICAL TESTS

Extent of test: for each size/heat/HT batch.

Additional requirements of tests: Bend test: CS: 1 Sample 19mm. thick(t) x 25.4mm width to be bent 180 deg. around mandrel of radius 6.35 mm. AS(SA 182 only): Sample 25.4mm width to be bent 180 deg. around mandrel of radius =1.5 x t.

Bars meant for Valves Purchase Orders of SA105 and SA182 F22 Cl 3 materials shall be impact tested. 1 / HT batch: SA 370, 2mm. Charpy-U notch, at Room temperature: Acceptance: Avg of 3 specimens: 36J, single Min: 24J.

6.0 NON DESTRUCTIVE TEST

Extent of test: for each product. Stage of test: After heat treatment

UT: Dia $\geq$ 50mm: 100% : SA 388 Acceptance: AM 203.2, ASME Sec.VIII Div 2.

7.0 WORKMANSHIP AND FINISH

Items to be free from scales & defects like laps, seams, folds, cracks, etc. SS to be Pickled & passivated as per ASTM A 380 or machined.

8.0 REPAIR

Repairs by fusion welding are prohibited. Surface defects can be removed by mechanical means and defective areas smoothly dressed up with the adjacent surface. Minimum dimension after repair to meet drawing / Specification.

9.0 MARKING AND PACKING

Details of stamping on each item: dia $\geq$ 25 mm.: with low stress stamps and bordered by paint: Heat number, Specification & grade, Size, Maker's emblem/code & Inspection Authority's seal. Dia < 25 mm: All above details to be painted. Bars to be supplied in bundles < 1 ton, secured suitably for rough handling. Metal tags with details of specification, melt number and maker's emblem to be secured to the bundles.

10.0 INSPECTION AND CERTIFICATION

For IBR items, inspection and tests to be witnessed by an IBR approved inspecting agency, in case the shop is not recognised as a "Well known Forger/Steel maker" under IBR. Test certificate in English language countersigned by applicable inspection agency for each product with following details shall accompany the product (in format approved by Boiler inspectorate for IBR items).

1. Purchase Order No.(BHEL),TDC No. & Test certificate number
2. Specification, grade, class, applicable year of code, Heat Number, Drawing No., Quantity & Size
3. Melting & forging/rolling process, Chemistry including incidental elements - Heat wise.
4. Heat treatment details of the material and test bars.
5. Mechanical test results, NDE test results with reference & acceptance standard.
6. Certified copy of TC for starting material if applicable.
7. Cleaning & Surface treatment details.

11.0 END USE

SA 105, SA 182 & SA 479 are for Pressure part components in Boilers & Valves of high temperature service meeting IBR and ASME Section I. SA 193 is for high temperature bolting and for drive shafts.

Prepared	K.Ganesan (QA)	<i>K. Ganesan</i>
	S.Selvarajan (Product QA)	<i>S. Selvarajan</i>
	V.Jayaraman (QA)	<i>V. Jayaraman</i>
Reviewed	P.Loganathan (Engg)	<i>P. Loganathan</i>
	N.Karuppusamy (Purchase)	<i>N. Karuppusamy</i>
	R.Easwaran (QA)	<i>R. Easwaran</i>
Approved	V Thyagarajan (QA& Labs)	<i>V. Thyagarajan</i>

**PURCHASE SPECIFICATION OF CARBON STEEL, LOW ALLOY STEEL AND STAINLESS STEEL
FORGED COMPONENTS FOR In-house 13 KL LAR TANK, Customer No. 0001**

TS 055, REV.0

- 1) Scope : This specification covers the Technical Delivery Conditions for Purchase of CS, LAS & SS forged Components. The material should strictly conform to these requirements, in addition to the standard indicated in the material indents/Purchase Order in all respects.
- 2) Forgings shall be supplied in full machined condition as per standards/drawings indicated in the M.I /ENQ. / P.O.
- 3) Gasket face and bore shall be as specified in the M.I / ENQ. /P.O.
- 4) Inspection: AS per M.I /ENQ /P.O.
- 5) Certification: The supplier shall furnish 6 copies of the Manufacturer's TC attested by the Inspector. The supplementary requirements if any also shall be certified. The test certificate shall be sent by mail in advance for scrutiny and inspection at the time of receipt of materials.
- 6) Marking: Each forging shall be legibly identified by impression stamping as required by the product specification and para 16 of SA 788. In addition P.O.No. /Item No. & M.I.No. are to be stamped.
- 7) Packing: Where no specific packing instructions are given in M.I /ENQ. /P.O, all flanges shall be suitably packed to avoid damage during handling / transit and storage.
- 8) Supplementary Requirements : As specified in M.I /ENQ. /P.O.

PREPARED *MSE*
02/05/16

CHECKED

[Signature]
02/05/16

APPROVED

[Signature]
02/05/16