



BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
FAX NO: 0091 1334 226462
PHONE NO: 0091 1334 281561

Enq. No.: BHEL-HEEP/OPEN-TENDER (COMP)/2010

Date of issue : 19.02.2010

M/S.....

Sub: BHEL-HEEP/OPEN-TENDER (COMP)/2010

Dear Sir,

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators, hydro turbines and generators and so on. Government of India has a plan to add 70,000 MW in Five Year Plan (2007-2012) and more than 1,20,000 MW in next five year plan (2012-2017)

Sealed tender with the Tender No. and opening date clearly super scribed on the cover are invited from the manufacturers (registered as well as unregistered) for the supply of the following item:-

| Sl. No. | Tender No. | Description of Equipment | Qty | Last Date To Get Documents | Opening Date |
|----------------|--------------------|---|------------|-----------------------------------|---------------------|
| 1. | T/T206/2009/7930/W | Fabricated & Machined Longitudinal Girder (Left) for 250 MW TDC No. TDC-F-01073618000-0 | 8 nos | 20.03.2010 | 26.03.2010 |
| 2. | T/T206/2009/7930/W | Fabricated & Machined Longitudinal Girder (Right) for 250 MW TDC No. TDC-F-01073718000-0 | 8 nos | 20.03.2010 | 26.03.2010 |
| 3. | T/T206/2009/7930/W | Fabricated & Machined LPC Front Wall (GS) for 250 MW TDC No. TDC-F-01073918000-0 | 8 nos | 20.03.2010 | 26.03.2010 |
| 4. | T/T206/2009/7930/W | Fabricated & Machined LPC Front Wall (TS) for 250 MW TDC No. TDC-F-01073818000-0 | 8 nos | 20.03.2010 | 26.03.2010 |
| 5. | T/T206/2009/7930/W | Fabricated & Machined LP Outer casing for 250 MW TDC No. TDC-F-01074018000-0 | 8 nos | 20.03.2010 | 26.03.2010 |
| 6. | T/T206/2009/7930/W | Fabricated & Machined Longitudinal Girder (Left) for 500 MW TDC No. TDC-F-01073625500-0 | 4 nos | 20.03.2010 | 26.03.2010 |
| 7. | T/T206/2009/7930/W | Fabricated & Machined Longitudinal Girder (Right) for 500 MW TDC No. TDC-F-01073725500-0 | 4 nos | 20.03.2010 | 26.03.2010 |
| 8. | T/T206/2009/7930/W | Fabricated & Machined LPC Front Wall (TS) for 500 MW TDC No. TDC-F-01073802000-0 | 4 nos | 20.03.2010 | 26.03.2010 |
| 9. | T/T206/2009/7930/W | Fabricated & Machined LPC Front Wall (GS) for 500 MW TDC No. TDC-F-01073902000-0 | 4 nos | 20.03.2010 | 26.03.2010 |
| 10. | T/T206/2009/7930/W | Fabricated & Machined LP Outer casing For 500 MW TDC No. TDC-F-01074002000-0 | 4 nos | 20.03.2010 | 26.03.2010 |

The details with required delivery are given in **Annexure-I**

The tender documents can be down loaded from our web site www.bhel.com or www.bhelhwr.co.in or www.tenders.gov.in submitted with requisite EMD and tender fee.

This notification shall be published in Indian as well as International News paper. The last date for taking tender documents is 20.03.2010 & opening of tender is 26.03.2010. Tenders will be received up to 1.45 P.M. on opening date and opened on the same day at 2.00 P.M. in the Tender Room.

Intending vendors must remit the tender fee of Rs. 2,000/- for indigenous vendors (equivalent foreign currency \$ 50 / € 40 from foreign vendors) against tender along with the requisite EMD Rs 100000/- (Rupees One Hundred Thousand) in the form of bank draft while submitting the tender documents as detailed in "Instruction to Bidders", after down loading from this web site.

Specifications & Drawing of the above items are available on our above website with links provided for all Specifications, Drawings & Annexure (At the end of this document). Other cross referred documents can either be physically collected from BHEL, Haridwar or can be obtained by email from kg@bhelnwr.co.in & r_kumar@bhelnwr.co.in against proof of draft of the tender fee in favour of BHEL, Haridwar. This draft is to be submitted along with offer. Amendments/Corrigendum, if any, will be hosted on our web site only.

BHEL will not be responsible for any type of postal delay / incomplete information from vendor. Other terms and conditions will be as per tender documents.

Please submit your Techno-Commercial offer only for the above requirement subject to our terms and conditions. Your offer should reach us on or before the opening date by 1.45 PM.

BIDS SHALL BE OPENED OF THOSE VENDORS ONLY WHO SHALL SUBMIT EMD AND TENDER FEE. [PLEASE SUBMIT SEPARATE DRAFTS FOR EMD AND TENDER FEE DRAWN IN FAVOUR OF BHEL, HARIDWAR IN ANOTHER ENVELOPE SUPERSCRIBED WITH BOLD LETTERS "EMD & TENDER FEE"] at 2 PM on the due date in the presence of authorized representative of the bidders who may like to be present. The authorized representative should bring authority letter from their parent company (Manufacturer) for attending the bid opening.

KINDLY READ "INSTRUCTIONS TO BIDDERS." QUOTATIONS NOT IN ACCORDANCE WITH THE INSTRUCTIONS ARE LIABLE TO BE DISQUALIFIED AND IGNORED.

INSTRUCTIONS TO BIDDERS FOR OPEN TENDER

1.0 DEFINITION

Registered Vendors - Are those who are registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered fabrication and finish machining of LP turbine casings in respective steel grade or machining of such casings.

Un-registered Vendors - Are those who are not registered with BHEL, Haridwar for Megawatt rating/ Size/ Weight of tendered fabrication and finish machining of LP turbine casings in respective steel grade or machining of such casings.

Un-registered vendors/ sub-vendors shall be considered, if and only if, they meet the minimum qualification requirement as given below.

2.0 MINIMUM QUALIFICATION REQUIREMENT **(APPLICABLE FOR VENDORS/ SUB-VENDORS NOT REGISTERED AT BHEL, HARIDWAR)**

2.1 GENERAL QUALIFICATION

1. Fabricated and finish machined of Longitudinal girders, LPC front walls & LP outer casings, Vendor/ Sub-vender shall furnish supplier registration form as per **Annexure-VI or VII** as applicable. The vendor should have minimum 2 years experience of fabrication and machining of said items/similar items of same or equivalent steel grade and same or higher weight range. In support of above, the vendor shall furnish the following:
 - Experience list of fabrication and machining of items supplied in last two years with unpriced purchase order copies. Enclosed format – **Annexure-III** to be submitted.
 - Furnish actual test certificate of above items supplied.

2. Machining Vender/ Sub-vender shall furnish supplier registration form separately as per **Annexure-VI or VII** as applicable.
3. The machining vender shall provide information regarding machining facilities in detail which they plan to use for finish machining of the said items as per drawing and TDC requirements:
 - Machine Make
 - Machine Model
 - Brief Specifications
 - Machine Accuracies

2.2 TECHNICAL QUALIFICATION

- Enclosed format – **Annexure-III** to be submitted. It is the mandatory requirement. Offer of Vendors not meeting these requirements will not be considered.
- Vendors must give details of material grades to be used for different assembly duly filled up in **Annexure-II** for approval by BHEL. Offers will not be considered in the absence of **Annexure-II**.
- Vendors must confirm that Front walls and LP outer casings requires use of “Hot Forming through Die & Press”. Vendors must inform how and where do they propose to carry out this operation.

3.0 ESSENTIAL INSTRUCTIONS

1. **Only those bids will be opened which have been submitted with requisite EMD & tender fee.**
2. **The Quotation should be from the Principal / Original Manufacturer, failing which the quotation is likely to be ignored.**
3. **Compliance of technical/ commercial terms and conditions as per Annexure-VI is must.**
4. **Fabrication and Finish Machining shall be inspected as per approved Quality Plan (QP). Quality Plan to be submitted in BHEL QP format which is attached in Annexure-V for BHEL approval. Inspection will be done as per approved QP by third party inspection agency duly agreed by BHEL. Compliance to QP is must for considering offer of vender as valid.**
5. **All un-registered vendors/ sub-vendors shall be approved by BHEL on the basis of data furnished by them in Supplier Registration Form (SRF) either Annexure-VI for Foreign Vendors or Annexure- VII for Indigenous Vendors.**
6. **Vendor (s)/ Sub-vendor (s) shall not be considered for ordering if not approved by our Customer.**
7. **Suitability of delivery shall be the important criteria for evaluation of techno commercial bid and the bids falling within the delivery and meeting the last delivery requirement with delay of 4 weeks (grace period) shall be considered. Any offers beyond the grace period may not to be considered.**

4.0 GENERAL INSTRUCTIONS

1. The tenders shall be submitted in three parts
 - i. Part I - Techno -Commercial Bid,
 - ii. Part II - Price Bid &
 - iii. Part III - Vendor Registration Form
 as described below on or before the due date. Vendor Registration Form shall be submitted by unregistered vendors only.
2. Any corrections / amendments shall be properly & fully authenticated with signature. No overwriting is acceptable.
3. In case of ordering, manufacturing plan should be submitted for BHEL approval.

PART-I (TECHNO-COMMERCIAL BID) shall comprise of following documents:

- a. Annexure-II for details of material grades to be used for different assemblies.
- b. Annexure-III for technical qualification requirement for un-registered vendor & sub-vendor both.
- c. Annexure-IV for compliance of technical/ commercial terms and conditions.
- d. Annexure-V for compliance of Fabrication and Machining QP.
- e. Annexure-VI or VII for un-registered vendors and sub-vendors both.
- f. Complete technical offer as per specification, drawings, technical requirement along with un-priced bid indicating FOB, C&F rate, separate third party inspection charges and delivery schedule.
- g. Validity of offer to be indicated.
- h. **Deviation with reference to specification/drawing, if any, should be clearly indicated on a separate sheet.**

- i. Any additional documents.

PART –II (Price Bid)

- a. Price bid with prices to be submitted as part-II of the tender.
- b. In case of foreign vendors, prices to be quoted on FOB & C&F Mumbai (India) basis separately. In case of FOB, Loading port must be mentioned. In case of Indigenous vendor, prices must be quoted on FOR-Destination-CPS-HEEP-BHEL basis.
- c. Third party inspection charges to be quoted separately.
- d. Prices should remain firm till the execution of the order.
- e. Insurance – Marine in case of foreign vendor & inland in case of Indigenous vendor shall be taken care by BHEL.
- f. **Prices are to be written in both Figures & Words. In case of any difference between the two, the higher prices shall be considered for evaluation. However, the order shall be placed on lower of the two values. No over writing in this is acceptable.**
- g. **LD Penalty shall be applicable at the rate of ½% (half percent) per week or part thereof subject to a maximum of 10% of the value of delayed portion of the order. In case of any variation in LD penalty acceptance, your prices shall be loaded to the extent LD penalty not accepted by you.**
- h. Payment term shall be “100% payment against dispatch documents, through irrevocable LC (for foreign vendors) and through bank (for indigenous vendors)” and bank charges shall be either side. **BHEL as a rule do not agree to release advance payment. However, if any vendor insists for Advance Payment, BHEL may consider releasing it on the following conditions. However, releasing advance payment shall be on the sole discretion of BHEL Management and mere fulfilling the conditions as laid down can not be binding on BHEL to release advance payment.**
 - The advance payment shall be released against Bank Guarantee (BG) of equal amount.
 - The BG has to be furnished in format provided by BHEL & essentially to be given by the any of one of the consortium banks of BHEL. In case of foreign bank issuing the BG, it has to be confirmed by any one consortium bank of BHEL.
 - The BG has to be valid upto one month after the scheduled delivery.
 - Vendor is required to pay interest at the prevailing rate of interest notified by our bank from time to time on the amount advanced. Present rate of interest is 13.75 % per annum. Without interest, advance payment can not be released.
 - Difference, if any, in cost in payment terms with respect to BHEL Payment terms (“100% payment against dispatch documents, through irrevocable LC (for foreign vendors) and through bank (for indigenous vendors)” shall be loaded in prices of vendor.
- i. Irrevocable LC is opened for one quarter (3 months) & is established 30 days prior to delivery schedule. The charges of establishing the LC are on either side i.e. charges in India to be borne by BHEL and charges outside of India to be borne by vendor. If any vendor insists for LC for more than one quarter, vendor has to essentially bear all charges (Within & Out side India) for the period exceeding one quarter.
- j. **BHEL does not open confirmed LC even if vendor agrees to bear the confirmation charges.**

Part-III - Vendor Registration Form (SRF)

(Annexure-VI for Foreign Vendors & Annexure-VII for Indigenous Vendors)

- a. The SRF duly filled up will be assessed for manufacturing capability quality systems being followed, organizational soundness and financial worthiness. The same shall be submitted with Part-I (Techno-Commercial Bid) by un-registered vendor only with BHEL, HEEP, Haridwar.
6. Part-I containing techno-Commercial bid and part-III containing Vendor Registration Form will be opened on the date and time specified in the tender notice in the presence of those tenders who wish to attend.
7. Part-II (Price Bids) along with supplementary price bids, if necessary, will be opened at a later date of only those bidders whose techno-commercial bid has been found acceptable. Currency exchange rate will be applicable on the date of opening of Part-II (Price Bid) for evaluation purpose.
8. **Depending upon the delivery suitability, BHEL reserves the right to split order on more than one vendor.**
9. **Evaluation of Bid: - The bid shall be evaluated**
 - a. **Cost to BHEL basis. (Basic Cost + Insurance + Transportation + Duty)**

b. The loading, if any, on account of LD penalty, payment terms or any other cost determined at later stage, which shall be communicated to the vendor.

c. Upper cap in case of PVC formula.

10. MARKING OF ENVELOPE:

- Each envelop is to be super scribed as “TENDER FOR FABRICATED AND FINISH MACHINED LP GIRDERS, LPC FRONT WALLS & LP OUTER CASINGS AGAINST TENDER NO. T/T206/2009/7390/W DUE ON 26.03.2010
- Drafts for Tender Fee & EMD to be kept in one envelop – Envelop –A. On the Top of the envelope, please write Draft No., Issuing Bank Details & Amount.
- Techno-Commercial - Part-I to be kept in another envelop – Envelop-B & to be marked as Techno-Commercial Offer.
- Vendor Registration Form - Part –III to be kept in another envelop – Envelop – C & to be marked as Vendor Registration Form.
- Price Bid – Part-II to be kept in another envelop – Envelop-D & to be marked as Price Bid.
- Envelop-A, Envelop-B, Envelop C & Envelop - D are to be kept in one envelop super scribed as above

11. Envelopes not marked as above are liable to be ignored and will not be opened.

12. Tenders when finalized shall be in the name of the bidder only and change of name during tender evaluation (without certificate from registrar of company) and after submission of the tender is liable to make the offer ineligible for participation.

13. **BHEL reserves the right to go for reverse auction. Vendors are requested to give their best price. In case of failure of reverse auction the paper bid shall be processed. Bidder should clearly indicate their acceptance for reverse auctioning in Annexure-7. The bids of those vendors who do not agree for reverse auction may not be considered. The Terms & Condition for Reverse Auctioning is given below.**

14. BHEL will evaluate the technical bids against essential criteria/ requirements. BHEL may seek clarifications, if required, from the qualified bidders only. These clarifications will be communicated to the eligible vendors and they will be asked to attend techno-commercial discussions on specified dates. The bidders will be given 15 days notice to come prepared with the required documents/ clarifications. No extension will be given. **The offers of those bidders, who are unable to respond in this time frame, are likely to be ignored.**

15. SETTLEMENT OF DISPUTES

- Indigenous Vendors: In all cases of dispute the matter shall be referred for arbitration to any arbitrator to be appointed by the Executive Director or any officer who is the administrative head of Bharat Heavy Electricals Ltd., at Haridwar. The venue of arbitration shall invariably be Ranipur Haridwar. The award of the arbitrator shall be final and binding on both the parties. The arbitrator shall have the power to extend, from time to time, the time for making his award with the consent of the parties.
- Foreign Vendors: In the event of any dispute or difference arising between the parties to this contract regarding execution of same or their respective rights and liabilities there under, the same shall except as otherwise expressly provided therein, be referred to the arbitration of the two arbitrators, one to be appointed by each party; or in the case of the said arbitrators not agreeing then an umpire to be appointed by the two arbitrators in writing before entering on that reference and provisions of the Indian Arbitration Act ,1940 or any statutory notification, or re-enactment therefore and rules framed there under from time to time shall apply to such arbitration . If the two arbitrators do not agree on the appointment of umpire, the nomination of the umpire shall be done by the International Chamber of Commerce, Paris(France).The decision of arbitrators, or in case of their not agreeing, that of the said umpire shall be binding both on seller and purchaser. The venue of the arbitration invariably be New Delhi.

16. JURISDICTION

All question, dispute or differences arising under, out of or in connection with the purchase order shall be subject to the exclusive jurisdiction of Haridwar courts.

17. OVER RIDING CLAUSE

All stipulations made in any correspondence other than those exchanged in regards to “instruction” in our tender documents / enquiry for submission of your offer, if at all shall be void to the extent they are repugnant to the conditions contained herein above and in the purchase order.

18. FINALITY OF MANAGEMENT DECISION

At all places in the preceding clauses BHEL Management’s decision shall be final.

IN CASE YOU ARE NOT MAKING AN OFFER AGAINST THIS ENQUIRY, THEN PLEASE ARRANGE TO SEND A LETTER OF REGRET IF YOU HAVE COLLECTED THE TENDER DOCUMENTS FROM BHEL.

TERMS AND CONDITIONS OF REVERSE AUCTIONING


Against this enquiry for the subject item /system with detailed scope of supply as per enquiry specifications, BHEL may resort to “REVERSE AUCTION PROCEDURE” i.e., ON LINE BIDDING ON INTERNET.

- For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
- BHEL will inform the vendor in writing in case of reverse auction, the details of Service Provider to enable them to contact & get trained.
- Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through service provider for compliance.
- Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event.
- BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at “Total Cost to BHEL” like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the vendor to enable them to fill-in the price and keep it ready for keying in during the Auction.
- Reverse auction will be conducted on scheduled date & time.
- At the end of Reverse Auction event, the lowest bidder value will be known on the network.
- The lowest bidder has to Fax the duly signed Filled-in prescribed format as provided on case-to-case basis to BHEL through Service provider within 24 hours of Auction without fail.
- Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
- In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL’s standard practice.

ANNEXURE-I

| S N | Tender No. | Mat Code / Description | FOB Delivery Required | Qty In Nos |
|-----|--------------------|--|---|------------|
| 1 | T/T206/2009/7930/W | W90310736013 DRG: 01073618100 VAR 00 REV: 09 FABRICATED AND MACHINED LONGITUDINAL GIRDER (LEFT) FOR 250 MW STEAM TURBINE AS PER DRAWING NO. 01073618100, 01077118000, CBOM NO. 01073618100 (QTY. 1 NO.) & TDC NO. TDC-F- 01073618000-0. | 2 nos. each in 30.09.2010, 31.10.2010, 4 nos in 31.12.2010 | 8 |
| 2 | T/T206/2009/7930/W | W90310737010 DRG: 01073718100 VAR 00 REV: 11 FABRICATED AND MACHINED LONGITUDINAL GIRDER (RIGHT) FOR 250 MW STEAM TURBINE AS PER DRAWING NO. 010737181000, 01077118000, CBOM NO. 01073718100 (QTY. 1 NO.) & TDC NO. TDC-F- 01073718000-0. | 2 nos. each in 30.09.2010, 31.10.2010, 4 nos in 31.12.2010 | 8 |
| 3 | T/T206/2009/7930/W | W90310739012 DRG: 0-10739-18000 REV: FABRICATED AND MACHINED LPC FRONT WALL (GS) FOR 250 MW STEAM TURBINE AS PER DRAWING NO. 01073918000, 01077118000, CBOM NO. 01073918000 (QTY. 1 NO.) & TDC NO. TDC-F-01073918000-0. | 2 nos. each in 30.09.2010, 31.10.2010, 4 nos in 31.12.2010 | 8 |
| 4 | T/T206/2009/7930/W | W90310738016 DRG: 0-10738-18000 REV: FABRICATED AND MACHINED LPC FRONT WALL (TS) FOR 250 MW STEAM TURBINE AS PER DRAWING NO. 01073818000, 01077118000, CBOM NO. 01073818000 (QTY. 1 NO.) & TDC NO. TDC-F-01073818000-0. | 2 nos. each in 30.09.2010, 31.10.2010, 4 nos in 31.12.2010 | 8 |
| 5 | T/T206/2009/7930/W | W90310740010 DRG: 01074018100, 01074018200 REV: 10 FABRICATED AND MACHINED LP OUTER CASING FOR 250 MW STEAM TURBINE AS PER DRAWING NO. & CBOM NO. 01074018100, 01074018200, 01074018300, 01074018400, 01074018500 & TDC NO. TDC-F-01074018000-0. QTY. OF EACH DRAWING IS MENTIONED IN TDC. | 2 nos. each in 30.09.2010, 31.10.2010, 4 nos in 31.12.2010 | 8 |
| 6 | T/T206/2009/7930/W | W97310736010 DRG: 0-10736-25510 VAR 00 REV: FABRICATED AND MACHINED LONGITUDINAL GIRDER (LEFT) FOR 500 MW STEAM TURBINE AS PER DRAWING NO. 01073625510, 11077141000, CBOM NO. 01073625510 (QTY. 1 NO.) & TDC NO. TDC-F- 01073625500-0. | 1 nos. each in 30.09.2010, 30.11.2010, 2 nos in 31.12.2010 | 4 |
| 7 | T/T206/2009/7930/W | W97310737016 DRG: 0-10737-25510 VAR 00 REV: FABRICATED AND MACHINED LONGITUDINAL GIRDER (RIGHT) FOR 500 MW STEAM TURBINE AS PER DRAWING NO. 01073725510, 11077141000, CBOM NO. 01073725510 (QTY. 1 NO.) & TDC NO. TDC-F- 01073725500-0. | 1 nos. each in 30.09.2010, 30.11.2010, 2 nos in 31.12.2010 | 4 |

| S N | Tender No. | Mat Code / Description | FOB Delivery Required | Qty In Nos |
|-----|--------------------|--|---|------------|
| 8 | T/T206/2009/7930/W | W97310738012 DRG: 0-10738-02000 VAR 00 REV: FABRICATED AND MACHINED LPC FRONT WALL (TS) FOR 500 MW STEAM TURBINE AS PER DRAWING NO. 01073802000, 11077141000, CBOM NO. 01073802000 (QTY. 1 NO.) & TDC NO. TDC-F-01073802000-0. | 1 nos. each in 30.09.2010, 30.11.2010, 2 nos in 31.12.2010 | 4 |
| 9 | T/T206/2009/7930/W | W97310739019 DRG: 0-10739-02000 VAR 00 REV: FABRICATED AND MACHINED LPC FRONT WALL (GS) FOR 500 MW STEAM TURBINE AS PER DRAWING NO. 01073902000, 11077141000, CBOM NO. 01073902000 (QTY. 1 NO.) & TDC NO. TDC-F-01073902000-0. | 1 nos. each in 30.09.2010, 30.11.2010, 2 nos in 31.12.2010 | 4 |
| 10 | T/T206/2009/7930/W | W97310740084 DRG: 0-10740-02100 VAR 00 REV: FABRICATED AND MACHINED LP OUTER CASING FOR 500 MW STEAM TURBINE AS PER DRAWING NO. & CBOM NO. 01074002100, 01074002200, 01074002700, 01074002800 & TDC NO. TDC-F-01074002000-0. QTY. OF EACH DRAWING IS MENTIONED IN TDC | 1 nos. each in 30.09.2010, 30.11.2010, 2 nos in 31.12.2010 | 4 |

| | | |
|--|--|---|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II (17) TDC-F-01073618000-0 REV. NO. 00 Page 1 of 1 |
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Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|--|---|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10108 STRUCTURAL STEEL. | | |
| 2 | AA10109 – HOT ROLLED CARBON STEEL BARS | | |
| 3 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 5 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |
| Signature Name Date M/s Seal | | | |

| | | |
|--|--|--|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II 16 TDC-F-01073718000-0 REV. NO. 00 Page 1 of 1 |
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| 2 | AA10109 HOT ROLLED CARBON STEEL BARS | | |
| 3 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 5 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |
| <div style="margin-bottom: 10px;">Signature</div> <div style="margin-bottom: 10px;">Name</div> <div style="margin-bottom: 10px;">Date</div> <div style="margin-bottom: 10px;">M/s</div> <div style="margin-bottom: 10px;">Seal</div> | | | |

| | | |
|--|--|--|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II 15 TDC-F-01073818000-0 REV. NO. 00 Page 1 of 1 |
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Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

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| Equivalent materials grades which have been agreed upon | | | |
|---|---|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10108 STRUCTURAL STEEL. | | |
| 2 | AA10109 – HOT ROLLED CARBON STEEL BARS | | |
| 3 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 5 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |
| <div>Signature</div> <div>Name</div> <div>Date</div> <div>M/s</div> <div>Seal</div> | | | |

| | | |
|---|--|--|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II 12 TDC-F-01073918000-0 REV. NO. 00 Page 1 of 1 |
|---|--|--|


Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|--|---|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10108 STRUCTURAL STEEL. | | |
| 2 | AA10109 – HOT ROLLED CARBON STEEL BARS | | |
| 3 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 5 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |
| Signature Name Date M/s Seal | | | |

| | | |
|--|--|---|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II 13 TDC-F-01074018000-0 REV. NO. 00 Page 1 of 1 |
|--|--|---|



Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|---|---|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10108 STRUCTURAL STEEL | | |
| 2 | AA10109 -- HOT ROLLED CARBON STEEL BARS | | |
| 3 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) -- CARBON STEEL PLATES | | |
| 5 | AA10455 -- CARBON STEEL SEAMLESS PIPES | | |
| 6 | AA21504 COMPRESSED ASBESTOS FIBRE JOINTING SHEETS | | |
| 7 | HW10568; HEAT RESISTANT BARS - 16Mo3 | | |
| 8 | AA10111; HOT ROLLED CARBON STEEL SHEET | | |
| 9 | AA10740 -- AUSTENITIC STAINLESS STEEL SHEETS, PLATES AND STRIPS SOLUTION ANNEALED (ASTM A240M, TYPE321) | | |
| 10 | HW10788; X7CrAl13 | | |
| Signature | | | |
| Date | | | |
| Name | | | |
| M/s | | | |
| Seal | | | |

| | | |
|--|--|---|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II  TDC-F-01073625500-0 REV. NO. 00 Page 1 of 1 |
|--|--|---|

Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|---|---|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10109 – HOT ROLLED CARBON STEEL BARS | | |
| 2 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 3 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 4 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |



Signature

Name

Date

M/s

Seal

| | | |
|--|--|---|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II  TDC-F-01073725500-0 REV. NO. 00 Page 1 of 1 |
|--|--|---|


Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|--|---|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10109 – HOT ROLLED CARBON STEEL BARS | | |
| 2 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 3 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 4 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |
| Signature Name Date M/s Seal | | | |

| | | |
|--|--|---|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II 10 TDC-F-01073802000-0 REV. NO. 00 Page 1 of 1 |
|--|--|---|



Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|--|---|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 2 | AA10108 STRUCTURAL STEEL. | | |
| 3 | AA10109 – HOT ROLLED CARBON STEEL BARS | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 5 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |
| Signature Name Date M/s Seal | | | |

| | | |
|--|--|---|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II  TDC-F-01073902000-0 REV. NO. 00 Page 1 of 1 |
|--|--|---|


Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|---|---|---|---|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 2 | AA10108 STRUCTURAL STEEL. | | |
| 3 | AA10109 – HOT ROLLED CARBON STEEL BARS | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) – CARBON STEEL PLATES | | |
| 5 | AA10455 – CARBON STEEL SEAMLESS PIPES | | |
| <div style="margin-bottom: 10px;">Signature</div> <div style="margin-bottom: 10px;">Name</div> <div style="margin-bottom: 10px;">Date</div> <div style="margin-bottom: 10px;">M/s</div> <div>Seal</div> | | | |

| | | |
|--|--|---|
|  HARIDWAR | Technical Delivery Condition for Procurement of Finish Component / Assembly | ANNEXURE-II TDC-F-01074002000-0 REV. NO. 00 Page 1 of 1 |
|--|--|---|

Supplier must furnish along with offer, the list of materials they propose to make use of. The specimen format as shown in Annexure-II should be filled and sent to BHEL for approval, without which the offer may not be considered.

ANNEXURE-II

Specimen format which should be filled by the vendor and returned with the offer to BHEL for approval.

Vendor should cover all material grades applicable for CBOMs in the following list.

| Equivalent materials grades which have been agreed upon | | | |
|---|--|---|--|
| S. No. | Material as per BHEL CBOMs | Equivalent Material grades accepted by BHEL | Additional tests accepted by M/s (Vendor name) |
| 1 | AA10108 STRUCTURAL STEEL. | | |
| 2 | AA10109 -- HOT ROLLED CARBON STEEL BARS | | |
| 3 | AA10119 STRUCTURAL STEEL- WELDABLE QUALITY | | |
| 4 | AA10401 (DIN EN10028Gr, P265GH, 1.0425) -- CARBON STEEL PLATES | | |
| 5 | AA10455 -- CARBON STEEL SEAMLESS PIPES | | |
| 6 | AA21504 COMPRESSED ASBESTOS FIBRE JOINTING SHEETS | | |
| 7 | HW10568; HEAT RESISTANT BARS - 16Mo3 | | |
| 8 | AA10111; HOT ROLLED CARBON STEEL SHEET | | |
| 9 | AA10740 -- AUSTENITIC STAINLESS STEEL SHEETS, PLATES AND STRIPS SOLUTION ANNEALED (ASTM A240M, TYPE 321) | | |
| 10 | AA10739; AUSTENITIC STAINLESS STEEL SHEETS, PLATES AND STRIPS SOLUTION ANNEALED (ASTM A240M, TYPE 304) | | |
| Signature & Date | | | |
| Name | | | |
| M/s | | | |
| Seal | | | |

ANNEXURE - III

EXPERIENCE LIST FOR FABRICATION

| Sl.No | Description | Material Grade | Weight | Dimension | MW Rating | Customer | Year of Supply |
|-------|-------------|----------------|--------|-----------|-----------|----------|----------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

EXPERIENCE LIST FOR MACHINING

| Sl.No | Description | Material Grade | Weight | Dimension | MW Rating | Customer | Year of Supply |
|-------|-------------|----------------|--------|-----------|-----------|----------|----------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Signature with stamp:

Name:

Name of the firm:

Designation:

Date:

COMPLIANCE SHEET FOR TECHNICAL/COMMERCIAL TERMS AND CONDITIONS FOR TWO PART TENDER**PLEASE FILL THIS ANNEXURE & ATTACH WITH YOUR TECHNO-COMMERCIAL BID.**

Offer must be sent in two separate sealed envelopes containing techno-commercial offer in one envelope marked “TECHNO-COMMERCIAL BID” and prices in second envelope marked “PRICE-BID”. Both the envelopes must be contained in the main envelope. Tender name and due date to be marked on all the envelopes.

You are requested to kindly confirm /clarify the following:-


| Sl.No. | Description | Your Confirmation |
|---------------|--|--------------------------|
| 1. | Vendor to confirm that they meet each & every clause of our specifications/Drawings. | |
| 2. | If “No” to serial number 1, vendor to specify each deviated clause & submit in a separate sheet. | |
| 3. | Vendor to list out on a separate sheet any activity which is outsourced. Please furnish details of out sourced vendor. | |
| 4. | a) Confirm specifically that material shall be supplied as per tender documents. Supplier should send confirmation to all BHEL materials required for manufacturing of items in their offer. Any material deviation, if required, to be spelled out which should be got approved from BHEL. Copy of specifications of the deviated materials (English) should be sent for BHEL approval. b) Supplier should confirm that they shall provide material test machining certificates, Dimensional reports, Log sheets & Test reports etc. to BHEL before inspection call is given. | |
| 5. | Confirm that Quality plan has been submitted along with offer. | |
| 6. | Confirm that prices have been quoted on FOB as well as C & F basis (For Foreign vendors) | |
| 7. | Confirm that Loading Port has been mentioned. | |
| 8. | Confirm that prices have been quoted on FOR as well Ex-works basis. (For Indigenous vendor) | |
| 9. | Confirm that prices shall be firm and fixed throughout delivery period. | |
| 10. | Confirm that payment term shall be “100% payment against dispatch documents, through irrevocable LC (for foreign vendors) and through bank (for indigenous vendors)” and bank charges shall be either side | |
| 11. | LD Penalty shall be applicable at the rate of ½ % (half percent) per week or part thereof subject to a maximum of 10% of the value of unexecuted portion of the order. Incase of any variation in LD penalty, your prices shall be loaded to the extend LD penalty not accepted by you. | |
| 12. | Confirm that all test certificates / Guarantee certificates to be submitted as per BHEL specification. in TRIPLICATE along with despatch documents | |
| 13. | Confirm that un-priced part of price bid is enclosed with technical commercial offer | |
| 14. | Right of acceptance – 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. | |

| | | |
|-----|--|--|
| 15. | Validity: confirm that validity of the offer shall be 60 days from the date of tender opening | |
| 16. | No grace period in delivery is acceptable. Please quote delivery accordingly. | |
| 17. | Ink signed order acceptance shall be furnished within 15 days of order placement. | |
| 18. | Confirm if there is Indian agency commission. | |
| 19. | Please quote material cost and third party inspection agency (TUV, Lloyds, BVQI) charges separately. BHEL may place the order with / without third party inspection agency charges. The comparative shall be prepared on material cost only without taking into account third party inspection agency charges. | |
| 20. | Please confirm your acceptance for Reverse Auctioning of these items. | |
| 21. | Performance Bank Guarantee any other Bank Guarantee to be submitted on the prescribed format through consortium Bank & shall have to be submitted before release of payment. The format & List of consortium Bank is available at our website www.bhel.com or www.bhelhwr.co.in . | |

QUALITY PLAN

| QP NO. | | 1.03.01(A) | REV. | 00 | DESCRIPTION | | | | LEGENDS | | | | |
|-----------|--------------------------------------|---|----------------|----------------------|---|----------------------|----------------------|-----------------------------|--|--------|--|---|------------|
| SPEC. NO. | | AS PER BHEL P.O. | REV. | AS PER PO | LP OUTER CASING (GIRDER, FRONT WALL & UPPER PART) | | | | P- PERFORMED BY W- WITNESSED BY V- VERIFIED BY D- DOCUMENTS REQUIRED | | 1- BHEL/INSPECTION AGENCY 2- VENDOR 3- SUBVENDOR | | |
| DRG. NO. | | AS PER BHEL P.O. | REV. | AS PER PO | | | | | | | | | |
| SL. NO. | COMPONENT OPERATION | CHARACTERISTICS | CLASSIFICATION | TYPE OF CHECK | QUANTUM | REFERENCE DOCUMENT | ACCEPTANCE NORMS | FORMAT OF RECORDS | D | AGENCY | | | REMARKS |
| | | | | | | | | | | P | W | V | |
| 1.0 | Plate material | | | | | | | | | | | | |
| 1.1 | At sub vendor's end | | | | | | | | | | | | |
| 1.1.1 | | Chemical composition (S,C,P,&Mn) | Major | Chemical testing | Melt analysis | AA 10108 AA 10119 | AA 10108 AA 10119 | Material Test Certificates | 3 | - | - | | |
| 1.1.2 | | Heat-treatment | -do- | Heat treatment | 100% | AA 10108 AA 10119 | AA 10108 AA 10119 | -do- | 3 | - | - | | |
| 1.1.3 | | Mechanical properties | -do- | Mechanical | As per Specification | AA 10108 AA 10119 | AA 10108 AA 10119 | -do- | 3 | - | - | | |
| 1.1.4 | | UT (For thickness above 40mm) | -do- | NDT | 100% | AA-10119 | AA-10119 | -do- | 3 | - | - | | |
| 1.2 | Receiving inspection at vendor's end | | | | | | | | | | | | |
| 1.2.1 | | Verification of supplier's certificate, mat. identification & corelation to TCs as per sl.no.1.1 above. | Major | Certificate review | 100% | MTC | AA 10108 AA 10119 | Receiving Inspection Record | ✓ | 2 | - | 1 | |
| 1.2.2 | | Dimensional & visual inspection | Major | Visual & dimensional | 100% | MTC | AA10108 AA10119 | -Do- | 2 | - | - | | |
| 2.0 | Improcess inspection | | | | | | | | | | | | |
| 2.1 | | Scrutinizing of WPS, PQR and WPO | Major | Record Review | 100% | ASME Sec-IX | ASME Sec-IX | Report | ✓ | 2 | - | 1 | |
| 2.1a | | Edge preparation | Minor | Visual & measurement | 100% | Drg | Drg | Route card | 2 | - | - | | |
| 2.1b | | Visual inspection of weld seam preparation. | Minor | Visual | Random | Drg | Drg | - | 2 | - | 1 | | |
| 2.2 | | Visual inspection of welds | -do- | -do- | 100% | -do- | HW-0620099 | Obs. sheet/ job card | 2 | - | - | | |
| 2.2a | | DPT of fillet welds of covered areas. | Major | NDT | 10% | Drg. | Drg. | Report | ✓ | 2 | 1 | - | |
| 2.3 | | Stress relieving of enclosures and verification of stress relieving records. | Major | Time / temp. control | 100% | HW 0641099 | HW 0641099 | Time/ Temp. chart | ✓ | 2 | - | 1 | |
| 2.4. | | RT/ UT of butt welds and DPT on butt welds in case of doubt. | Major | NDT | 10% | HW 0850199 | HW 0850199 | Report | ✓ | 2 | 1 | - | (See Note) |
| 2.5 | | DPT of fillet welds of final assembly. | Major | NDT | 10% | HW-0850199 | HW-0850199 | Report | ✓ | 2 | 1 | - | |

Number
M & L

|  | | Q.P. NO. | 1.03.01(A) | REV. | 00 | DESCRIPTION | | LEGENDS | | | | | |
|--|---------------------|--|---------------------|------------------------|-----------|---|----------------------|--|--------|-------------|-----------------------------|---------|--|
| | | SPEC. NO. | AS PER BHEL P.O. | REV. | AS PER PO | LP OUTER CASING (GIRDER, FRONT WALL & UPPER PART) | | P-PERFORMED BY W-WITNESSED BY V-VERIFIED BY D-DOCUMENTS REQUIRED | | | 1-BHEL/INSPECTION AGENCY | | |
| | | DRG. NO. | AS PER BHEL P.O. | REV. | AS PER PO | | | | | | 2-VENDOR | | |
| | | | | | | | | | | 3-SUBVENDOR | | | |
| SL. NO. | COMPONENT OPERATION | CHARACTERISTICS | CLASSIFI- CATION | TYPE OF CHECK | QUANTUM | REFERENCE DOCUMENT | ACCEPTANC E NORMS | FORMAT OF RECORDS | AGENCY | | | REMARKS | |
| | | | | | | | | D | P | W | V | | |
| 2.6 | | DPT of welds for lifting lugs. | Major | NDT | 100% | HW/0850199 | HW/0850199 | Report | √ | 2 | 1 | - | |
| 2.7 | | DPT of Nozzle welds | Major | NDT | 10% | HW/0850199 | HW/0850199 | Report | √ | 2 | 1 | - | |
| 2.8 | | DPT of gas cut site weld edge preparation | Major | NDT | 10% | HW/0850199 | HW/0850199 | Report | | 2 | 1 | - | |
| 2.9 | | Verification of dimensions and visual inspection after machining | Major | Visual and measurement | 100% | Drg & TDC | Drg & TDC | Logsheet / Observation Sheet | √ | 2 | 1 | - | |
| 2.10 | | Check for pre-despatch inspection as per TDC | - | - | - | - | - | COC | | - | 1 | - | |
| | | | | | | | | | | | | | |

1. Qualified Welders in accordance with ASME Sec-IX shall be deployed on the job.
2. Welders code no. shall be punched near the weld seam.
3. NDT shall be carried out by ASNT / ISNT Level I / II Qualified Operators.
4. In case discrepancies noticed during random checking, 100% testing shall be done.
5. Item shall be dispatched to BHEL after acceptance by BHEL representative / BHEL nominated inspection agency after duly identifying by punching P.O. No., Drg. No., Plant Order No., I. R. No.

Number

Amekus - I.



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

GUIDELINES TO INDIAN SUPPLIERS FOR FILLING UP

SUPPLIER REGISTRATION FORM

1. Registration Form may be obtained from Supplier Development Cell of respective BHEL Unit or downloaded from BHEL website www.bhel.com.
2. Any clarification with respect to procedure for registration may be obtained from the Supplier Development Cell of respective BHEL unit.
3. The Supplier Registration Form has four parts:

| | | |
|--------|----------------------------|-------------------|
| Part A | Organizational Information | Form no. VOR AA01 |
| Part B | Quality System | Form no. VQS AA01 |
| Part C | Technical Competence | Form no. VTC AA01 |
| Part D | Score Sheet | Form no. VSS AA01 |

The set of formats to be filled by different category of suppliers is as follows:

| Sl. No | Supplier Category | Formats |
|--------|---|--|
| 1. | Indian Suppliers (manufacturers) | <ul style="list-style-type: none">- Organizational Information- Quality System- Technical Competence- Score sheet |
| 2. | Agents / stockists / distributors / dealers | <ul style="list-style-type: none">- Organizational Information- Score sheet |

4. All sheets of above forms are to be filled up and signed by the authorized signatory.
5. Please attach separate sheet if the space provided is insufficient.
6. For any other information also, separate sheet may be attached.
7. Any information / clarification required by BHEL during evaluation must be given expeditiously.
8. Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and list of enclosures is given as required.
9. The scoring of marks by Suppliers for self- assessment must be done as required against each information in all the above parts. Incomplete forms and forms without self assessment are likely to be rejected. If any question is not applicable or relevant to your organization, please mention accordingly. Questions left unanswered will get zero marks...
10. Scoring for questions on Quality System (Part B) is to done on 0-3 scale as follows:
 - 0 For non-compliance
 - 1 System exists in rudimentary stage
 - 2 System exists with minimal discrepancies
 - 3 System is in mature stage (i.e. meets all requirements)

The question with asterisk (*) mark is mandatory where supplier must achieve a minimum score of 2 marks.



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

11 Part-B of the form on Quality System need not be filled by ISO 9000-2000 accredited suppliers. Instead, the Table of Contents of Quality Manual may be submitted with the Registration Form.

12 Scoring for question on Technical competence is to be done on 0-3 scale as follows:

- 0 No capability
- 1 Requires continuous technical support of BHEL during execution of job.
- 2 Occasional technical support from BHEL
- 3 Can handle job without any technical support from BHEL.

The question with asterisk (*) mark is mandatory where supplier must achieve a minimum score of 2 marks.

13 Assessment Criteria shall be as follows:

Organizational Soundness: OS 1 : 85% and more
OS 2 : 70% to less than 85%
OS 3 : Less than 70%

Quality System: Q 1 - Overall system rating above 90%, rated 2 or better on all mandatory requirements and a rating of 70% or better in each section.

Q 2 - Overall system rating 80 to 90%, rated 2 or better in all mandatory requirements and a rating of 60% or better in each section.

Q 3 - Overall system rating above 70% and less than 80%, rated 2 or better on all mandatory requirements and a rating of 55% or better in each section.

Technical Competence: TC 1 - Above 90% and rated 2 or better in all mandatory reqts.

TC 2 - 80 to less than 90% and rated 2 or better in all mandatory requirements.

TC 3 - Above 70% and less than 80% and rated 2 or better in all mandatory requirements.

15 Please fill up the check-list given on next page and send along with the Supplier Registration Forms to BHEL.



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

CHECK-LIST FOR INDIAN SUPPLIERS REGISTRATION FORM

| Sl. No. | Check-Point | Yes/No |
|---------|--|--------|
| 1. | Information against all points under “Organizational Information” (Part-A) has been given. | |
| 2. | All enclosures and supporting documents have been enclosed. | |
| 3. | Summary list of enclosures has been furnished as per S.N. 9.9 of Organizational Information form. | |
| 4. | Are you an ISO 9001 -2000 accredited supplier? | |
| 5. | If yes, have you enclosed "Table of Contents" of your Quality Manual and copy of ISO 9001 -2000 accreditation certificate? | |
| 6. | If no, have you filled up Quality System formats given in Part B? | |
| 7. | Technical requirements, specifications, drawings, standards have been obtained from BHEL before filling up Technical Competence, Part C. | |
| 8. | All the pages of the form & enclosures have been signed by Authorized Signatory. | |
| 9. | Scoring has been done in Part A, B and C. | |
| 10 | Total scoring has been done in score sheet Part D. | |

Date:

Signature & seal

(Authorized Signatory)

Note: This check list is to be attached with the filled up Supplier Registration Form.



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

Part A:

FORM NO. VORAA01 (INDIAN SUPPLIER)

Page 1 of 17

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR. WHEREVER IT IS NOT APPLICABLE, PLEASE WRITE "NOT APPLICABLE". INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED. PLEASE ATTACH SEPARATE SHEET, IF SPACE AVAILABLE IS INADEQUATE.

SUPPLIERS HAVE TO ALLOT MARKS IN THE RELEVANT COLUMNS.

| ORGANISATIONAL INFORMATION | | | | | | |
|---|-------------|-----------------|-------------------------------------|-------------------------|----------------------|------------------|
| NAME OF THE APPLICANT SUPPLIER SEEKINGG REGISTRATION:- D&B D-U-N-S NUMBER: (DUN & BRADSTREET NINE DIGIT IDENTIFICATION NUMBER, NOT MANDATORY) | | | | | | |
| 1.0 PRODUCTS / SYSTEM / SERVICES FOR WHICH REGISTRATION IS APPLIED FOR: | | | | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
| SL. NO. | DESCRIPTION | SIZE & RANGE | MFG.STD / IS / DIN / BS, ETC. | | | |
| | | | | 1 | | |
| TOTAL MARKS | | | | 1 | | |
| SUPPLIERS AUTHORISED SIGNATORY | | | | BHEL CERTIFIED ASSESSOR | | |



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

FORM NO. VORAA01 (INDIAN SUPPLIER)

Page 2 of 17

ORGANISATIONAL INFORMATION

| 2.0 GENERAL INFORMATION : | Marks | Marks by Suppliers | Marks by BHEL |
|---|-------|--------------------|---------------|
| 2.1 NAME OF APPLICANT SUPPLIER SEEKING REGISTRATION : HEAD OFFICE ADDRESS : TELEPHONE : FAX : E-MAIL : WEB SITE : | 1 | | |
| 2.2 NAME OF THE WORKS/DIVISION : ADDRESS : TELEPHONE : FAX : E-MAIL : WEB SITE : | 1 | | |
| 2.3 BRANCH OFFICE ADDRESS (IF ANY): TELEPHONE : FAX : E-MAIL : | 1 | | |
| 2.4 NAME OF CHIEF EXECUTIVE / PROPRIETOR / PARTNER & ADDRESS: | 1 | | |
| 2.5 OFFICIAL TO BE CONTACTED FOR CLARIFICATION : NAME : DESIGNATION: ADDRESS: TELEPHONE : FAX : E-MAIL : WEB SITE : | 1 | | |
| TOTAL MARKS | 5 | | |
| SUPPLIER'S AUTHORISED SIGNATORY | | | |
| BHEL CERTIFIED ASSESSOR | | | |



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

FORM NO. VORAA01 (INDIAN SUPPLIER)

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| ORGANISATIONAL INFORMATION | | | |
|---|-------|-------------------|---------------|
| 3.0 OWNERSHIP INFORMATION : | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
| DOCUMENTS TO BE FURNISHED | | | |
| 3.1 GOVT. OF INDIA UNDERTAKING : | 1 | | |
| OR | | | |
| STATE GOVT. UNDERTAKING : | | | |
| OR | | | |
| LIMITED COMPANY, : MEMORANDUM AND | | | |
| ARTICLES OF ASSOCIATION | | | |
| OR | | | |
| PRIVATE COMPANY, : MEMORANDUM AND | | | |
| ARTICLES OF ASSOCIATION | | | |
| OR | | | |
| CO-OPERATIVE SOCIETY, : SOCIETY RULES AND BYE | | | |
| LAWS | | | |
| OR | | | |
| PARTNERSHIP FIRM , : PARTNERSHIP DEED | | | |
| OR | | | |
| PROPRIETORSHIP, : PROFESSION TAX REGN. | | | |
| AND MUNICIPAL | | | |
| REGN. | | | |
| ANY OTHER (SPECIFY) : | | | |
| 3.2. NATURE OF BUSINESS : | 1 | | |
| (MANUFACTURING UNIT/AGENTS/ | | | |
| DISTRIBUTORS/STOCKISTS) | | | |
| 3.3. YEAR OF ESTABLISHMENT : | 1 | | |
| TOTAL MARKS | 3 | | |
| SUPPLIER'S AUTHORISED SIGNATORY | | | |
| BHEL CERTIFIED ASSESSOR | | | |



BHARAT HEAVY ELECTRICALS LIMITED

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| ORGANISATIONAL INFORMATION FOR THE PREVIOUS FOUR YEARS | | | | | | Marks by Supplier | Marks by BHEL |
|--|--|--------|--------|--------|----------|--------------------------------|----------------|
| 4.0 | FINANCIAL INFORMATION | Year 1 | Year 2 | Year 3 | Year 4 | \$ (See below) | \$ (See below) |
| (Years in ascending order, Money value in Rs. Lakhs) | | | | | | | |
| 4.1 | NET WORTH (Share Capital +Reserves) | | | | | | |
| | Growth over previous year (%) | | | | | | |
| 4.2 | LONG TERM DEBT / LOAN | | | | | | |
| 4.3 | DEBT EQUITY RATIO <u>Long term Debt</u> (4.2) <u>Net worth</u> (4.1) | | | | | | |
| 4.4 | INVESTMENT IN: Land & Building | | | | | | |
| | Plant & Machinery | | | | | | |
| | Other Fixed Assets | | | | | | |
| 1 | NET CURRENT ASSETS a) Cash on hand | | | | | | |
| | b) Account receivable | | | | | | |
| | c) Inventories | | | | | | |
| | Total | | | | | | |
| 4.5 | CURRENT LIABILITY a) Sundry creditors | | | | | | |
| | b) Interest accrued but not due | | | | | | |
| 2 | c) Credit balance in sundry debtors | | | | | | |
| | d) Other liabilities | | | | | | |
| | Total | | | | | | |
| 3 | CURRENT RATIO <u>Current assets</u> {4.5 (1)} <u>Current liability</u> {4.5 (2)} | | | | | | |
| 4.6 | SALES | | | | | | |
| | Growth over previous year (%) | | | | | | |
| 4.7 | PROFIT BEFORE TAX | | | | | | |
| | Growth over previous year (%) | | | | | | |
| 4.8 | PROFIT AFTER TAX | | | | | | |
| | Growth over previous year (%) | | | | | | |
| 4.9 | Whether the supplier has been referred to BIFR/NCLT. (If YES, enclose details) | | | | YES / NO | | |
| 4.10 | Whether the supplier is a potential sick company. (If YES, enclose details) | | | | YES / NO | | |
| Copies of annual accounts (Balance Sheet) for last four years along with Audit Report is to be submitted. Above details shall be highlighted in Balance Sheet. | | | | | | Total Marks (out of 10) | |
| SUPPLIER'S AUTHORISED SIGNATORY | | | | | | BHEL CERTIFIED ASSESSOR | |

\$: ONE MARKS EACH TO BE GIVEN FOR COMPLETE REPLY AGAINST SL. Nos. 4.1 to 4.10 (Total 10 marks)



BHARAT HEAVY ELECTRICALS LIMITED

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| ORGANISATIONAL INFORMATION | | | | |
|----------------------------|--|-------|-------------------|---------------|
| | | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
| 5.0 | REGISTRATION PARTICULARS | | | |
| 5.1 | INCOME TAX PERMANENT ACCOUNT NO. : (ENCLOSE COPY OF CERTIFICATE) | 1 | | |
| 5.2 | CENTRAL SALES TAX REGISTRATION NUMBER : (ENCLOSE COPY OF CERTIFICATE) | 1 | | |
| 5.3 | STATE SALES TAX REGISTRATION NUMBER : (ENCLOSE COPY OF CERTIFICATE) | 1 | | |
| 5.4 | EXCISE DUTY REGISTRATION NUMBER : (ENCLOSE COPY OF CERTIFICATE) | 1 | | |
| 5.5 | SERVICE TAX REGISTRATION NUMBER : (ENCLOSE COPY OF CERTIFICATE) | | | |
| 5.6 | EXCISE CONTROL CODE NUMBER : (ENCLOSE COPY OF CERTIFICATE) | 1 | | |
| 5.7 | NATIONAL SMALL SCALE INDUSTRIES REGISTRATION NO. : (VALIDITY UPTO.....) (ENCLOSE COPY OF CERTIFICATE) | 1 | | |
| 5.8 | SMALL SCALE INDUSTRIES REGISTRATION NO. : (VALIDITY UPTO) (ENCLOSE COPY OF CERTIFICATE) | 1 | | |
| 5.9 | ANCILLARY STATUS RECOGNISED BY | 1 | | |
| | TOTAL MARKS | 9 | | |
| | SUPPLIER'S AUTHORISED SIGNATORY BHEL CERTIFIED ASSESSOR | | | |



BHARAT HEAVY ELECTRICALS LIMITED

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| <u>ORGANISATIONAL INFORMATION</u> | | | |
|--|--------------|----------------------------------|--------------------------|
| | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
| 6.1 TOTAL ORGANISATIONAL STRENGTH : (ATTACH ORGANISATION CHART) GRADUATES DIPLOMA SKILLED NON-SKILLED ADMN & COMMERCIAL : ENGINEERING : TECHNOLOGY : MANUFACTURING : QUALITY : MAINTENANCE : SITE MANAGEMENT : OTHERS : TOTAL : | 1 | | |
| 6.2 STANDBY ARRANGEMENT FOR POWER : (GIVE DETAILS) | 1 | | |
| 6.3 DOES THE COMPANY SELL ITS PRODUCT DIRECTLY : YES / NO | 1 | | |
| 6.4 IF NO, FURNISH NAME, ADDRESS : OF AUTHORISED DEALER/STOCKIST WHOSE COMMITMENTS WILL BE HONOURED BY THE COMPANY. | 1 | | |
| TOTAL MARKS | 4 | | |
| SUPPLIER'S AUTHORISED SIGNATORY BHEL CERTIFIED ASSESSOR | | | |



BHARAT HEAVY ELECTRICALS LIMITED

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| <u>ORGANISATIONAL INFORMATION</u> | | | | | | | |
|---|--|---|--|----------------|--------------|------------------------------|------------------------------|
| 7.0 LIST OF MANUFACTURING FACILITIES : (INCLUDING MATERIAL HANDLING FACILITY) | | | | | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
| SL. NO. | DESCRIPTION & SPECIFICATION OF MACHINE & ITS MAKE YEAR OF MAKE & YEAR OF INSTALLATION | ACCURACY & FINISH ATTAINABLE | NO. OF MACHINES INSTALLED | REMARKS | 1 | | |
| | IN-HOUSE FACILITIES ----- OUT-SOURCED FACILITIES, IF ANY ----- | | | | | | |
| TOTAL MARKS | | | | | 1 | | |
| <div>SUPPLIER'S AUTHORISED SIGNATORY</div> <div>BHEL CERTIFIED ASSESSOR</div> | | | | | | | |



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ORGANISATIONAL INFORMATION

| 8.0. LIST OF MEASURING FACILITIES, TESTING-EQUIPMENT AND INSPECTION FACILITIES : | | | | | | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
|--|---|----------------------------------|---------------|--------------------------|----------|-------|-------------------|---------------|
| SL. NO. | DESCRIPTION OF EQUIPMENT | SIZE, RANGE, CAPACITY & ACCURACY | MODE AND MAKE | LAST DATE OF CALIBRATION | QUANTITY | | | |
| | IN-HOUSE FACILITIES ----- | | | | | 1 | | |
| | OUT-SOURCED FACILITIES, IF ANY ----- | | | | | | | |
| TOTAL MARKS | | | | | | 1 | | |
| SUPPLIER'S AUTHORISED SIGNATORY | | | | | | | | |
| BHEL CERTIFIED ASSESSOR | | | | | | | | |



BHARAT HEAVY ELECTRICALS LIMITED

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ORGANISATIONAL INFORMATION

| 9.0 <u>OTHER PARTICULARS</u> : | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
|---|-------|-------------------|---------------|
| 9.1 IF THE COMPANY IS ALREADY IN BUSINESS WITH ANY OF BHEL UNITS, GIVE : 9.1.1 BHEL UNIT'S NAME : 9.1.2 SUPPLIER REGISTRATION NO. : 9.1.3 ITEMS FOR WHICH REGISTERED & THEIR SPECIFICATION : (ENCLOSE PROOF OF SUCCESSFUL EXECUTION OF ATLEAST 3 PURCHASE ORDERS) | 1 | | |
| 9.2 IS THE COMPANY APPROVED BY ASME / NTPC / NPC / EIL / DGS&D / RAILWAYS / IBR / LLOYDS ETC? : YES/NO (ENCLOSE DOCUMENTARY EVIDENCE) | 1 | | |
| 9.3 IS THE COMPANY AN ISO 9001-2000 APPROVED?: YESS/NO (ENCLOSE CERTIFICATE) | 1 | | |
| 9.4 IS THE COMPANY AN ISO:14000 APPROVED?: YES/NO (ENCLOSE CERTIFICATE) | 1 | | |
| 9.5 IS THE COMPANY OHSAS-18000 APPROVED? : YES/NO (ENCLOSE CERTIFICATE) | 1 | | |
| 9.6 TECHNICAL COLLABORATOR : (FOREIGN OR INDIGENOUS) (ENCLOSE DOCUMENTARY EVIDENCE) | 1 | | |
| 9.7 NAME & ADDRESS OF CONCERN(S) HAVING SUBSTANTIAL INTEREST IN : (NAME OF THE OTHER COMPANY, COMMON DIRECTOR, PARTNER, OWNER ETC.) | 1 | | |
| TOTAL MARKS | 1 | | |

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

FORM NO. VORAA01 (INDIAN SUPPLIER)

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ORGANISATIONAL INFORMATION

| | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
|---|----------|-------------------|---------------|
| 9.8 DIRECTORS / PARTNERS, IF RELATED TO ANY BHEL EMPLOYEE. NAME : STAFF NO. : DESIGNATION : DEPARTMENT : RELATIONSHIP : | 1 | | |
| 9.9 IF ANY EX-BHEL PERSONNEL IS EMPLOYED BY THE COMPANY, MENTION HIS / HER DETAILS OF LAST POSTING. NAME : STAFF NO. : DESIGNATION : DEPARTMENT : DATE OF LEAVING SERVICE : | 1 | | |
| 9.10 COMPANY'S WEEKLY HOLIDAYS : WORKS OFFICE | 1 | | |
| 9.11 EXPERIENCE LIST: (ATTACH LIST OF PRESENT CUSTOMERS WITH NAME & ADDRESS FOR OFFERED/SIMILAR TYPE & SIZE OF ITEM / EQUIPMENT FOR WHICH REGISTRATION HAS BEEN SOUGHT AND WITH WHOM YOU HAVE CONTINUOUS BUSINESS SINCE LAST THREE YEARS) | 1 | | |
| 9.12 LIST OF ENCLOSURES : ATTACH LIST OF ENCLOSURES | 1 | | |
| 10 I/WE GIVE THE UNDERTAKING THAT BHEL DRAWINGS & SPECIFICATIONS SHALL NOT BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL AND / OR FOR SUPPLY OF ANY MATERIAL, PRODUCT OR SERVICES DIRECTLY OR INDIRECTLY TO ANY OTHER CUSTOMER. | -- | -- | -- |
| TOTAL MARKS | 5 | | |
| SUPPLIERS AUTHORISED SIGNATORY | | | |
| BHEL CERTIFIED ASSESSOR | | | |



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

PART B (QUALITY SYSTEM): PAGES 11-13 OF 17 NEED NOT BE FILLED BY ISO 9001-2000 ACCREDITED SUPPLIERS

FORM NO. VQSAA01 (INDIAN SUPPLIER)

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| I. INCOMING MATERIAL CONTROL | PROCEDURE 0-3 | | SYSTEM IN EFFECT 0-3 | | RECORDS 0-3 | |
|---|-------------------|---------------|----------------------|---------------|-------------------|---------------|
| | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL |
| 1. A FORMALIZED SUPPLIER RATING, EVALUATION, CERTIFICATION PROGRAMME HAS BEEN ESTABLISHED WHEREIN QUALITY PERFORMANCE IS ONE OF THE CRITERIA. | | | | | | |
| *2. INCOMING SHIPMENT IS VERIFIED PRIOR TO STORAGE OR USE. | | | | | | |
| TOTAL MARKS | | | | | | |

| II. PROCESS CONTROL | PROCEDURE 0-3 | | SYSTEM EFFECT 0-3 | | RECORDS 0-3 | |
|---|-------------------|---------------|-------------------|---------------|-------------------|---------------|
| | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL |
| *1.WORK INSTRUCTIONS ARE DOCUMENTED, UPDATED & FOLLOWED BY WORKERS. | | | | | | |
| *2.REQUIRED TOOLS, JIGS, FIXTURES ARE IDENTIFIED AND USED. | | | | | | |
| 3. PROCEDURE FOR QUALIFICATION, IF APPLICABLE, AND REVALIDATION OF QUALIFICATION OF WORKERS. EXIST SUCH AS: ▪ WELDERS ▪ NDT PERSONNEL | | | | | | |
| 4. PREVENTIVE MAINTENANCE ACTIVITIES ARE PERFORMED ON CRITICAL MACHINES & RECORDS KEPT. | | | | | | |
| 5. MATERIAL IDENTIFICATION AND ACCEPTANCE STATUS IS MAINTAINED THROUGHOUT THE MANUFACTURING PROCESS & DURING STORAGE | | | | | | |
| *6.AVAILABILITY OF UPDATED DRAWING/ SPECIFICATION AT WORKPLACE. | | | | | | |
| 7. PRESERVATION, PAINTING & PACKING PROCEDURE EXISTS. | | | | | | |
| TOTAL MARKS | | | | | | |

Scoring for questions on Quality System (Part B) is to be done on 0-3 scale as follows:-

- 0- Non Compliance; 1- System exists in Rudimentary Stage; 2- System exists with minimal discrepancies
3- System is in Mature Stage i.e. meets all requirements

The question with asterisk (*) mark is mandatory where supplier must achieve a minimum score of 2-marks.

SUPPLIERS AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

FORM NO. VQSAA01 (INDIAN SUPPLIER)

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| III. | CONTROL OF NON-CONFORMANCE | PROCEDURE 0-3 | | SYSTEM IN EFFECT 0-3 | | RECORDS 0-3 | |
|------|---|----------------------|---------------------|----------------------|------------------|----------------------|------------------|
| | | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL |
| *1. | RECORD OF REWORK/ RECTIFICATION IS KEPT. | | | | | | |
| 2. | SYSTEM OF REVIEW AND ANALYSIS OF REPEATED FAILURES AND THEIR PREVENTION IN FUTURE. | | | | | | |
| | TOTAL MARKS | | | | | | |

| IV. | CONTROL OF MEASURING & MONITORING DEVICES | PROCEDURE 0-3 | | SYSTEM IN EFFECT 0-3 | | RECORDS 0-3 | |
|-----|---|----------------------|---------------------|----------------------|------------------|----------------------|------------------|
| | | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL |
| 1. | SYSTEM OF CALIBRATION OF GAUGES, FIXTURES & INSTRUMENTS EXISTS | | | | | | |
| *2. | MASTER GAUGES / STANDARDS ARE TRACEABLE TO RECOGNIZED NATIONAL STANDARDS. | | | | | | |
| | TOTAL MARKS | | | | | | |

| VI | CONFORMANCE TO SAFETY REQUIREMENTS : | PROCEDURE 0-3 | | SYSTEM IN EFFECT 0-3 | | RECORDS 0-3 | |
|-----|--|----------------------|---------------------|----------------------|------------------|----------------------|------------------|
| | | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL |
| *1. | ADEQUATE SAFETY PRECAUTIONS ARE BEING TAKEN IN PLANT FOR ALL PERSONNEL. | | | | | | |
| | TOTAL MARKS | | | | | | |

SUPPLIERS AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

FORM NO. VQSAA01 (INDIAN SUPPLIER)

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| v. <u>CUSTOMER SUPPLIER COMMUNICATION</u> | PROCEDURE 0-3 | | SYSTEM IN EFFECT 0-3 | | RECORDS 0-3 | |
|---|----------------------|------------------|----------------------------|------------------|----------------------|------------------|
| | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL |
| *1. TENDER DOCUMENTS ARE REVIEWED WITH REFERENCE TO CUSTOMER REQUIREMENT BOTH TECHNICALLY & FROM DELIVERY POINT OF VIEW. IN CASE OF DEVIATION, IN TECHNICAL SPECIFICATIONS AND DELIVERY CONDITIONS, THE DEVIATIONS ARE IDENTIFIED AND CLEARLY SPELT OUT IN OFFER. | | | | | | |
| 2. SYSTEM OF SUBMISSION OF DOCUMENTS LIKE: (A) INVOICE. (B) PACKING LIST. (C) TEST CERTIFICATE. (D) INSPECTION DATA. | | | | | | |
| 3. ORGANIZATION OF AFTER SALES SERVICE AND RESPONSE TIME FOR ATTENDING COMPLAINTS. | | | | | | |
| TOTAL MARKS | | | | | | |
| | | | | | | |
| SUPPLIERS AUTHORISED SIGNATORY | | | BHEL CERTIFIED ASSESSOR | | | |



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

Part C:

FORM NO. VTCAA01 (INDIAN SUPPLIER)

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TECHNICAL COMPETENCE

| TECHNICAL COMPETENCE (WHERE DESIGN SPECIFICATION IS GIVEN BY BHEL) | MARKS 0-3 | |
|---|-------------------|---------------|
| | MARKS BY SUPPLIER | MARKS BY BHEL |
| *1. SUPPLIER UNDERSTANDS THE PRODUCT SPECIFICATION. | | |
| 2. SUPPLIER UNDERSTANDS THE INSPECTION REQUIREMENTS. | | |
| *3. SUPPLIER HAS PROCESS CAPABILITY TO ACHIEVE THE PRODUCT SPECIFICATION/DIMENSIONAL REQUIREMENT. | | |
| 4. SUPPLIER HAS EXPERIENCED MANPOWER TO CARRY OUT THE JOB. | | |
| TOTAL MARKS OUT OF POSSIBLE (12) = ----- % | | |

OR

| TECHNICAL COMPETENCE (WHERE PERFORMANCE SPECIFICATION IS GIVEN BY BHEL) | PROCEDURE 0-3 | | SYSTEM IN EFFECT 0-3 | | RECORDS 0-3 | |
|---|----------------------|------------------|-------------------------|------------------|----------------------|------------------|
| | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL | MARKS BY SUPPLIER | MARKS BY BHEL |
| 1. DESIGN CAPABILITY | | | | | | |
| 2. ADEQUACY OF QUALITY ASSURANCE PLAN | | | | | | |
| *3. PROCESS CAPABILITY FOR COMPONENTS | | | | | | |
| *4. ADEQUATE OF TESTING | | | | | | |
| TOTAL MARKS OUT OF POSSIBLE (36) = ----- % | | | | | | |

Here:

Score of 0 indicates "No capability"

Score of 1 indicates "Requires continuous technical support of BHEL during Execution of job"

Score of 2 indicates "Occasional technical support from BHEL"

Score of 3 indicates "Can handle BHEL's job without any Technical Assistance."

The question with asterisk (*) mark is mandatory where supplier must achieve a minimum score of 2 marks.

SUPPLIER'S AUTHORISED SIGNATORY

BHEL CERTIFIED ASSESSOR



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

Part D:

SCORE SHEET

FORM NO. VSSAA01 (INDIAN SUPPLIER)

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1. ORGANISATIONAL SOUNDNESS :

Each question should be answered. No question is to be left unanswered. If any of the questions is not relevant to your organization, please mention so against that question (but do not leave the question unanswered). Each question answered carries (1) mark. Questions left unanswered will get (0) score.

| S L N O | PARAMETER | CRITERIA | RANGE | M A R K S | MARKS BY SUPPLIER | MARKS BY BHEL |
|---------------------------------|--|--|-------------------------|-----------------------|-------------------------|---------------------|
| 1. | NET WORTH REFER SL.NO.4.1 OF SUPPLIER REGISTRATION FORM PAGE 4/17, PART A. AVERAGE OF THREE YEARS TO BE WORKED OUT | GROWTH OVER THE PREVIOUS YEAR | MORE THAN 10% | 4 | | |
| | | | 5 – 10 % | 3 | | |
| | | | LESS THAN 5% | 1 | | |
| 2. | SALES FOR CURRENT YEAR SL. NO.4.6 OF PAGE 4/17, PART A | GROWTH OVER THE PREVIOUS YEAR | MORE THAN 10% | 4 | | |
| | | | 5 - 10% | 3 | | |
| | | | > 0 < 5% | 1 | | |
| | | | 0% & BELOW | 0 | | |
| 3. | DEBT EQUITY RATIO I.E. LONG TERM DEBT / SHARE CAPITAL (SL.NO.4.3 OF PAGE 4/17, PART A) | 1 : 1 | | 4 | | |
| | | 1.1 UP TO 1.5:1 | | 3 | | |
| | | 1.6 & ABOVE :1 | | 1 | | |
| 4. | CURRENT RATIO I.E. CURRENT ASSETS/CURRENT LIABILITY (SL. NO.4.5 OF PAGE 4/17, PART A) | 2 : 1 | | 4 | | |
| | | LESS THAN 2 UPTO 1.1:1 | | 3 | | |
| | | 1:1 | | 1 | | |
| 5. | PROFIT BEFORE TAX SL. NO.4.7 OF PAGE 4/17 , PART A | GROWTH OVER THE PREVIOUS YEAR | MORE THAN 10% | 4 | | |
| | | | 5 – 10% | 3 | | |
| | | | LESS THAN 5% | 1 | | |
| 6. | PROFIT AFTER TAX SL. NO. 4.8 OF PAGE 4/17 , PART A | GROWTH OVER THE PREVIOUS YEAR | MORE THAN 10% | 4 | | |
| | | | 5 - 10% | 3 | | |
| | | | LESS THEN 5% | 1 | | |
| | | | | | | |
| SUPPLIER'S AUTHORISED SIGNATORY | | | BHEL CERTIFIED ASSESSOR | | | |



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

Part D:

SCORE SHEET

FORM NO. VSSAA01 (INDIAN SUPPLIER)

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| SL. NO. | PARAMETER | MARKS | MARKS BY SUPPLIER | MARKS BY BHEL |
|---|---|---------------------|-------------------|---------------|
| 7. | SL. NO. 4.9 OF PAGE 4/17 , PART A – IF REFERRED TO BIFR / NCLT | (-) 24 | | |
| 8. | SL. NO. 4.10 OF PAGE 4/17 , PART A – IF POTENTIALLY SICK | (-) 12 | | |
| 9. | FOR SUPPLIER HAVING STANDBY ARRANGEMENT OF POWER. (SL. NO. 6.2 OF PAGE 6/17 , PART A) | 3 | | |
| 10. | SUPPLIER HAVING CONTINUOUS BUSINESS FOR MORE THAN 3 YEARS. (SL. NO. 9.8 OF PAGE 10 /17 , PART A) BEYOND 3 CUSTOMERS UPTO 3 CUSTOMERS NO CUSTOMER | 4 3 0 | | |
| 11. | MANUFACTURING FACILITIES : (SL. NO. 7.0 OF PAGE 7/17 , PART A) SUPPLIER HAVING ADEQUATE FACILITIES SUPPLIER HAVING SUBSTANTIAL FACILITY SUPPLIER HAVING INADEQUATE FACILITIES | 3 2 0 | | |
| 12. | MEASURING AND TESTING FACILITIES : (SL. NO. 8.0 , PAGE 8/17 , PART A) ADEQUATE MEASUREMENT FACILITIES SUBSTANTIAL MEASURING FACILITIES INADEQUATE FACILITIES | 3 2 0 | | |
| 13. | If answer to Question 9.3 of page 9/17, part A is yes i.e. ISO 9001 company If answer to Question 9.4 of page 9/17, part A is yes i.e. ISO 14000 company If answer to Question 9.5 OF PAGE 9/17, part A is yes i.e. ISO 18000 company | 3 1 1 | | |
| TOTAL MARKS SCORED (SL. 01 TO 13 ABOVE) | | 42 | | |
| TOTAL MARKS SCORED (PAGE 01 TO 10) | | 46 | | |
| TOTAL MARKS (ORGANISATIONAL SOUNDNESS) | | 88 | | |
| TOTAL MARKS (ORGANISATIONAL SOUNDNESS) : PERCENTAGE (%) | | | | |
| CATEGORY OF SUPPLIER : OS 1 (85 % & MORE) OS 2 (70 % TO LESS THAN 85 %) OS 3 (LESS THAN 70 %) | | Mention Category | | |
| <p>SUPPLIER'S AUTHORISED SIGNATORY</p> <p>BHEL CERTIFIED ASSESSOR</p> | | | | |



BHARAT HEAVY ELECTRICALS LIMITED

Supplier Registration Form (Indian Supplier)

Part D:

SCORE SHEET

FORM NO. VSSAA01 (INDIAN SUPPLIER)

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QUALITY SYSTEM (SCORING CRITERIA):

| SUMMARY: | MARKS SCORED / OUT OF POSSIBLE (BY SUPPLIER) | MARKS ASSESSED / OUT OF POSSIBLE(BY BHEL) |
|--|---|---|
| I. Incoming Material Control | ----- / 18 -----% | ----- / 18 -----% |
| II. Process Control | ----- / 63 -----% | ----- / 63 -----% |
| III. Control of Non-Conformance | ----- / 18 -----% | ----- / 18 -----% |
| IV. Control of measuring & monitoring | ----- / 18 -----% | ----- / 18 -----% |
| V. Conformance to Safety Requirements | ----- / 09 -----% | ----- / 09 -----% |
| VI. Customer-Supplier Communication | ----- / 27 -----% | ----- / 27 -----% |
| TOTAL = | ----- / 153 -----% | ----- / 153 -----% |
| Category of Supplier (Tick category) | Q1 - Overall system rating above 90%, rated 2 or better on all mandatory requirement and a rating of 70% or better in each section or supplier is ISO 9001:2000 certified (subject to verification). Q2 - Overall system rating 80 to 90%, rated 2 or better in all mandatory requirement and a rating of 60% or better in each section. Q3 - Overall system rating above 70% and less than 80%, rated 2 or better on all mandatory requirements and a rating of 55% or better in each section. | |

TECHNICAL COMPETENCE:

Tick category as per score on page 14.

Mark category as per score on page 14.

| SUMMARY: | MARKS SCORED / OUT OF POSSIBLE 12 OR 36 MARKS (BY SUPPLIER) | | MARKS ASSESSED / OUT OF POSSIBLE 12 OR 36 MARKS (BY BHEL) | |
|--|---|--------|--|--------|
| Technical competence or | ----- / 12 | -----% | ----- / 12 | -----% |
| Technical competence | ----- / 36 | -----% | ----- / 36 | -----% |
| Category of Supplier | <div> <div> <div>TC 1 –</div> <div>TC 2 –</div> <div>TC 3 –</div> </div> <div> <div>Above 90 % and rated 2 or better in all mandatory requirements.</div> <div>80 to less than 90% and rated 2 or better in all mandatory requirements.</div> <div>Above 70% and less than 80% and rated 2 or better in all mandatory requirements.</div> </div> </div> | | | |
| <div> <div>SUPPLIER'S AUTHORISED SIGNATORY</div> <div>BHEL CERTIFIED ASSESSOR</div> </div> | | | | |



BHARAT HEAVY ELECTRICALS LIMITED, INDIA

GUIDELINES TO FOREIGN SUPPLIERS FOR FILLING UP

SUPPLIER REGISTRATION FORM

01. Registration Form no. VRG AA01 may be obtained from Source Development Cell of the respective BHEL Unit or downloaded from BHEL website www.bhel.com.
02. Any clarification with respect to procedure for registration may be obtained from the Source Development Cell of respective BHEL unit.
03. All sheets of above form are to be filled up and signed by the authorized signatory.
04. Please attach separate sheet if the space provided is insufficient. For any other information also, separate sheet may be attached.
05. Any information/clarification required by BHEL during processing of registration must be given expeditiously.
06. Please ensure that all required enclosures are attached with the filled up Supplier Registration Form and list of enclosures is given as required.
07. Please fill up the check-list given on next page and send along with the Supplier Registration Form to BHEL.



BHARAT HEAVY ELECTRICALS LIMITED, INDIA

CHECK-LIST FOR FOREIGN SUPPLIERS REGISTRATION FORM

| Sl. No | Check-Point | Yes/No |
|--------|---|--------|
| 1.0 | Information against all points in the Supplier Registration Form has been given. | |
| 2.0 | Authorization letter has been enclosed (in case of Indian agent) | |
| 3.0 | Banker's certificate has been enclosed | |
| 4.0 | Are you an ISO:9001-2000 accredited supplier? | |
| 4.1 | If yes, have you enclosed copy of ISO:9001-2000 accreditation certificate & "Table of Contents" of your Quality Manual? | |
| 4.2 | If no, have you enclosed written down procedure / manual of Quality Management System? | |
| 5.0 | Have you enclosed experience list (as per Sl.4.0 of the form VRG AA01) | |
| 6.0 | List of enclosures has been furnished (as per Sl.6.0 of the form VRG AA01) | |
| 7.0 | All the pages of the form & enclosures have been signed by Authorized Signatory. | |



BHARAT HEAVY ELECTRICALS LIMITED, INDIA

FORM NO. VRGAA01 (FOREIGN SUPPLIER)

PAGE 1 OF 3

ALL COLUMNS SHOULD BE PROPERLY FILLED IN THE SPACE PROVIDED FOR. WHEREVER IT IS NOT APPLICABLE PLEASE WRITE "NOT APPLICABLE". INCOMPLETE OR INCORRECT FORMS MAY NOT BE CONSIDERED. PLEASE ATTACH SEPARATE SHEETS, IF SPACE AVAILABLE IS INADEQUATE.

SUPPLIER REGISTRATION FORM

| | |
|---|---|
| <p>1.0 GENERAL INFORMATION:</p> <p>1.1 NAME OF COMPANY :</p> <p>1.2 DETAILS OF HEAD OFFICE :</p> <p>ADDRESS :</p> <p>TELEPHONE : FAX :</p> <p>E-MAIL :</p> <p>WEB SITE :</p> <p>1.3 DETAILS OF FACTORY / WORKS :</p> <p>ADDRESS :</p> <p>TELEPHONE : FAX :</p> <p>E-MAIL :</p> <p>1.4 DETAILS OF MARKETING AGENT (OUT SIDE INDIA , IF ANY)</p> <p>ADDRESS :</p> <p>TELEPHONE : FAX :</p> <p>E-MAIL :</p> <p>1.5 DETAILS OF INDIAN AGENT, IF ANY (ATTACH AUTHORIZATION LETTER)</p> <p>ADDRESS :</p> <p>TELEPHONE : FAX :</p> <p>E-MAIL :</p> <p>1.6 CHIEF EXECUTIVE :</p> | <p>FOR BHEL USE</p> |
| <p>SUPPLIER'S AUTHORISED SIGNATORY</p> | <p>BHEL CERTIFIED ASSESSOR</p> |



BHARAT HEAVY ELECTRICALS LIMITED, INDIA

FORM NO. VRGAA01

(FOREIGN SUPPLIER)

PAGE 2 OF 3

SUPPLIER REGISTRATION FORM

| | |
|--|--|
| <p>1.7 CONTACT PERSON(S) FOR PRODUCT OFFERED: NAME(S) : OFFICIAL CAPACITY : ADDRESS : TELEPHONE : FAX : E-MAIL :</p> <p>1.8 YEAR OF ESTABLISHMENT :</p> <p>1.9 PRODUCTION CAPACITY PER ANNUM :</p> <p>1.10 PARTICULARS OF PRODUCT INCLUDING SPECIFICATION AND RANGE OFFERED FOR REGISTRATION: (ATTACH BROCHURES AND CATALOGUES)</p> <p>1.11 NAME(S) OF BANKERS :</p> <p>1.12 BANKER'S CERTIFICATE AS TO CREDITWORTHINESS OF THE CLIENT (ENCLOSE CERTIFICATE) :</p> <p>1.13 PORT OF LOADING :</p> <p>1.14 NEAREST AIRPORT :</p> <p>1.15 D&B D-U-N-S NUMBER : (DUN & BRADSTREET NINE DIGIT IDENTIFICATION NUMBER, NOT MANDATORY)</p> <p>1.16 ANY OTHER INFORMATION :</p> | <p>FOR BHEL USE</p> |
| <p>SUPPLIER'S AUTHORISED SIGNATORY</p> | <p>BHEL CERTIFIED ASSESSOR</p> |



| FORM NO. VRGAA01 (FOREIGN SUPPLIER) | | PAGE 3 OF 3 |
|--|----------------------------|--|
| SUPPLIER REGISTRATION FORM | | |
| <p>2.0. FINANCIAL INFORMATION:</p> <p>ANNUAL TURN OVER AND PROFIT AFTER TAX FOR LAST 3 YEARS :</p> <p>YEAR -1:</p> <p>YEAR -2:</p> <p>YEAR -3:</p> <p>(COPY OF AUDITED ANNUAL ACCOUNTS FOR LAST 3 YEARS TO BE ENCLOSED)</p> <p>3.0. QUALITY MANAGEMENT SYSTEM:</p> <p>3.1. IS THE COMPANY ISO:9001:2000 CERTIFIED : YES / NO</p> <p>3.1.1. IF YES, ENCLOSE COPY OF CERTIFICATE & TABLE OF CONTENTS OF QUALITY MANUAL.</p> <p>3.1.2. IF NO, FORMATS VQS AA01 (QUALITY SYSTEM) ARE TO BE FILLED UP.</p> <p>4.0. EXPERIENCE LIST FOR OFFERED/SIMILAR ITEMS :</p> <p>(ATTACH LIST OF PRESENT CUSTOMERS WITH NAME AND ADDRESS FOR OFFERED/SIMILAR TYPE & SIZE OF ITEM/EQUIPMENT FOR WHICH REGISTRATION HAS BEEN SOUGHT AND WITH WHOM YOU HAVE CONTINUOUS BUSINESS SINCE LAST THREE YEARS)</p> <p>5.0 LIST OF ENCLOSURES :</p> <p>(BROCHURES, CATALOGUES, TECHNICAL LITERATURE, ETC.)</p> <p>6.0 ANY OTHER INFORMATION :</p> <p>SIGNATURE OF SUPPLIER :</p> <p>NAME :</p> <p>DESIGNATION :</p> <p>DATE :</p> <p>OFFICIAL SEAL</p> | <p>FOR BHEL USE</p> | |
| SUPPLIER'S AUTHORISED SIGNATORY | | BHEL CERTIFIED ASSESSOR |