



BHARAT HEAVY ELECTRICALS LTD.
 (A GOVT. OF INDIA UNDERTAKING)
 P.O BHEL Jhansi - 284129, INDIA
 Tel.:0510-277001/2412260 Fax: 2412120
 Email : mmx@bheljhs.co.in

PURCHASE ENQUIRY

ENQ NO/DT: E3559002 25/01/16
 REV NO/DT: 0 25/01/16

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REQUIRED:

PLEASE SEND YOUR BEST QUOTATION AS PER TERMS & CONDITIONS
 PREPRINTED OVERLEAF AND/OR ATTACHED AND REMARK PRINTED
 UNDERNEATH.

Enqr Due on: 26-02-16 FRIDAY
 Close at: 13:15 Open at: 14:00
 Matcat: 351025 End Frames for Pow
 Validity: 90 days from Technical bid opening date
 IEM:
 TOP: See Special Remarks
 RA: RA not applicable
 Eval: Item wise

Bid Type:	TWO BID	Delivery:	FOR Jhansi
Tot Item:	1	E-Proc:	No

ITEM NO : 1 PSL QTY/UM: 400.00 ST
 MATL CODE : TR171359A627 PO QTY /UM: 1000000.00 KG
 DESTINATION: JS

DESCRIPTION	DELIVERY	QUANTITY (PSL UM)
POWER TRFR END FRAME TO TYPICAL DRG.NO.14567050698 REV-01.	JAN-16	30.00
	MAR-16	30.00
	MAY-16	30.00
	JUL-16	30.00
	SEP-16	40.00
	DEC-16	40.00
	FEB-17	30.00
	APR-17	30.00
	JUN-17	30.00
	AUG-17	30.00
	OCT-17	40.00
	DEC-17	40.00

SPECIAL REMARKS:

1. QUALIFICATION CRITERIA WILL BE AS PER ANNEXURE A,B&C TO SCHEDULE-I OF TENDER DOCUMENTS.
2. PLEASE SUBMIT YOUR OFFER IN TWO BID IN LINE WITH INSTRUCTIONS FOR SUBMISSION OF TENDER MENTIONED IN TENDER DOCUMENTS SCHEDULE-II PAGE 4-5 OF 29.
3. PLEASE ENSURE TO SEAL & SIGNATURE ON EACH PAGE OF TENDER DOCUMENTS.
4. THE RATE CONTRACT WILL BE FINALIZED WITH MORE THAN ONE VENDOR AS PER THE CLAUSE 25 of SCHEDULE IV
5. PVC WILL BE APPLICABLE AS PER THE CLAUSE 2 OF SCHEDULE IV
6. ALL OTHER TERMS AND CONDITIONS WILL BE AS PER THE TENDER DOCUMENT.
7. ENQUIRY MAY BE FINALISED THROUGH REVERSE AUCTION RA GUIDELINES ARE AVAILABLE ON OUR BHEL WEBSITE
http://www.bhel.com/vender_registration/vender.php
8. Vendors who are not registered with BHEL need to register on our BHEL website <https://supplier.bhel.in/> and send the filled supplier registration form duly signed and stamped alongwith the offer.

THE QUOTATION MUST BE SEALED AND BE SENT IN DOUBLE ENVELOPE.
 THE INNER ENVELOPE SHOULD BEAR ENQUIRY NUMBER & DUE DATE AT THE TOP.

In case the bidder has not submitted PAN No, TIN No. and E-mail ID, the bidder has to submit the same along with the copy of PAN No and TIN No. Else his offer will be liable to be rejected.

If you are not in a position to quote due to any reason, you must send regret letter titled enquiry no. etc, failing which you may not be considered for sending future enquiries.

REGD.OFFICE:BHEL HOUSE,SIRI FORT NEW DELHI-110049



JSC140/M2053


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ENCLOSERS:

FOR AND ON BEHALF OF
BHARAT HEAVY ELECTRICALS LTD


ABHISHEK 25/01/16
SR PURCHASE OFFICER
Email:-@bheljhs.co.in

***** END OF PURCHASE ENQUIRY*****

NOTE :

- * SUPPLIERS ARE REQUESTED TO INFORM US WITH VALID CERTIFICATE, IF THEY ARE REGISTERED UNDER MSMED ACT'2006. (APPLICABLE FOR INDIAN SUPPLIERS ONLY).
- * FOR SUPPLIERS SUPPLYING FROM OUTSIDE THE LOCAL AREA OF BHEL JHANSI, ENTRY TAX WILL BE APPLICABLE. SUPPLIERS SHOULD NECESSARILY INDICATE RATE OF ENTRY TAX SEPARATELY WHEREVER APPLICABLE. THEY SHOULD ALSO MENTION THE ENTRY TAX CHARGED SEPARATELY IN THE INVOICE.
- * FOR SUPPLIERS SUPPLYING FROM OUTSIDE UP, IN CASE THE OFFER IS SILENT ON ENTRY TAX, IT SHALL BE LOADED SUITABLY WITH THE APPLICABLE RATES
- * IN CASE IF THERE IS ANY DIFFERENCE BETWEEN THE 'SPECIAL REMARKS/ANNEXURES' OF THE ENQUIRY AND THE PREPRINTED TERMS & CONDITIONS (REF JSC140/M2053), THE REQUIREMENT GIVEN IN REMARKS WILL PREVAIL.

Purchase Enquiry No: E3559002

TENDER DOCUMENT FOR
FRAME WORK AGREEMENT (Rate Contract) FOR SUPPLY OF Power Transformer
End Frame ON FINISH BASIS FOR TWO YEARS

क्र. सं.	विवरण	सिड्यूल सं.	पृष्ठ सं.
1	Qualifying Criteria and Quantities covered by the Rate Contract	Schedule-I	2 to 3
2	Instructions for Submission of Tender	Schedule-II	4 to 5
3	ient Technical Requirements	Schedule-III	6 to 7
4	Commercial Terms & Conditions	Schedule-IV	8 to 14
5	General Terms & Conditions	Schedule-V	15 to 18
6	Techno-commercial Bid	Schedule-VI	19 to 24
7	Price Bid Format	Schedule-VII	25
8	General Terms & Conditions for Reverse Auction (RA) & Price Break-up sheet after RA	Schedule VIII	26 to 27
9	JPC Rate calculation and Circular for JPC Rate for the month of Dec' 2015.	Schedule- IX	28 to 29

Sd/	Sd/	Sd/
Prepared by	Checked by	Approved by
Abhishek, Sr PO(MM)	M L Ahirwar, DGM(MM)	C V Rao, AGM (MM)

Sign & seal of Supplier:

Schedule-I

Quantities covered by the Rate Contract.

Requirement for Power Transformer End Frame will be **400 sets / 1000 MT ± 30%, for 2 years.**

Sl.No.	Description	Total Qty.(Approx.)
1	POWER TRFR END FRAME TO TYPICAL DRG.NO.14567050698 REV-01.	400 Sets / 1000.00 MT Quantity variation shall be +/- 30%

1 End Frame set consist of following items:-

- (a) End Frame HV Top
- (b) End Frame HV Bottom
- (c) End Frame LV Top
- (d) End Frame LV Bottom
- (e) Foot Assy.
- (f) Beam for locking
- (g) Clamp Plate–(HTS Material)
- (h) HTS Pin & Black steel pad Assy.
- (i) Cover
- (j) End Tie plate
- (k) End Tie Rod
- (l) Yoke belt Assy.

Above requirement is tentative and quantity variation shall be ± 30 %. Variation can vary in any proportion both on positive and negative side depending upon BHEL's requirement and order book position.

Sign & seal of Supplier:



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Material Management : A & S Section

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Email: achoubey@bheljhs.co.in and mlahirwar@bheljhs.co.in

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Schedule-I

Qualification shall be as under:

Minimum reserved capacity of bidder must be 15 MT per month for this tender.

Only the suppliers who meet the 'Qualifying Requirements (Annexure A to Schedule I)' along with 'Compliance to Mandatory Resource Requirements (Annexure B to Schedule I)' shall be eligible for this tender process. The details in 'Qualifying Requirements (Annexure A to Schedule I)', 'Compliance to Mandatory Resource Requirements' (Annexure B to Schedule I) and 'Compliance to Desirable Resource Requirements' (Annexure C to Schedule I) enclosed to this Schedule I should be filled and submitted along with the necessary documentation (wherever called for).

Signature of Supplier :

Name :

Designation :

Seal :

Phone No :

E-mail ID :

Sign & seal of Supplier:

Schedule-II
INSTRUCTIONS FOR SUBMISSION OF TENDER

1. The offers against the enquiry shall be submitted in two parts as detailed below :-
Technical Bid (Part – A) :- (A1)- Tender document Page 2 to 24 & 26-29 duly filled & signed
(A2)- Blank Price bid (Un Priced) duly signed (Page - 25)
(A3)- Annexure A, A1, A2, B & C of Schedule-I
Price Bid (Part – B) :- (B1)- Price bid duly filled & signed (Page no. - 25)
2. The vendors shall prepare Part-A and Part-B in two different sealed envelopes duly super-scribing Enquiry No. and Part No. of the bid. These two parts of the bid shall be kept together in a third envelope super-scribing Enquiry No., due date and time of opening as indicated in the tender enquiry. This envelope containing Part-A & Part-B shall be submitted to BHEL.
3. Part-A of the bid alone shall be opened on the due date in presence of the bidders in the first instance. This part of the bid shall be examined in detail. Part B of the bid shall be opened only for such of the bidders whose Techno-Commercial offers are found acceptable by BHEL. Such bidders shall be advised the date and time of opening of Part B i.e. price part of their bids / alternatively if BHEL decides to go for Reverse Auction, only those vendors whose techno commercial bids are found acceptable and have accepted to participate in Reverse Auction will be allowed to take part in Reverse Auction. Bidders must carefully go through all the instructions and conditions before filling in Part B of the bid. Any type of mistake in submission of the bids will make the tender liable for rejection.
4. The bids shall be submitted only in the format given in the tender documents. It may be noted that each page of the tender document has been signed by BHEL. While submitting the bid, these very pages are to be used in original. The bidder is also required to sign and stamp each and every page of the tender document clearly bringing out deviations, if any.
5. Tenders not complying with the above and other requirements of the tender shall be liable for rejection. Bidders are therefore advised to read all the documents carefully before submission of the bids and ensure the fulfillments of all the technical and commercial parameters.
6. It must be clearly understood that the order concluded pursuant to this tender enquiry shall be governed by the General terms & conditions of the contract as preprinted overleaf of the enquiry. No deviation from these conditions is permitted.
7. Corrections in the bid should normally be avoided. However, when these become essential, bidder shall score out the incorrect information and put the correct information duly endorsing each correction with his signature.
8. BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All

Sign & seal of Supplier:

Schedule-II

- bidders to give their acceptance 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.
9. In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily *submit* 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue."
 10. H1 (Highest) bidder(s) found during sealed bid auction will not be allowed to participate in reverse Auction.
 11. General terms and conditions of the REVERSE AUCTION shall be generally as per schedule - VIII. However final terms & condition shall be intimated after techno-commercial evaluation of the tender.

We confirm above instructions have been fully understood. We further confirm that price bid has been submitted exactly in line with format at page no. 25 without addition of any other terms & conditions and if the price bid is found to be conditional (e.g. minimum order quantity, slab rate, discount for quantity, different terms of payment etc. etc.), BHEL has full right not to accept our offer.

Signature of Supplier :

Name :

Designation :

Seal :

Sign & seal of Supplier:

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Schedule-III

SALIENT TECHNICAL REQUIREMENTS

SCOPE OF WORK:-

1. The scope of work covered in this enquiry is fabrication of END FRAMES for Power transformer on finish basis in all respects using supplier's own material. Power Trfr. END FRAMES shall be supplied in painted condition, as specified in the purchase order. All the activities mentioned below shall be in the scope of supplier :-
 - a) All material, consumables, facilities, measuring instruments / equipment etc., required for fabrication, paint film thickness test etc. called in BHEL drawings.
 - b) **All machining operations, Bending/Forming etc , called in the drawing for the items as well as Assemblies shall be in the scope of supplier.**
 - c) All other requirements, to satisfy relevant quality standards applicable for such product.
2. Supplier should ensure that the supplies are as per the latest Drawings, DCAs, MIDs, QAPLans and other documents. The supplier should also ensure that latest revisions of these documents are collected by them from BHEL from time to time. They should obtain necessary certification about the latest revision of drawings and collect Drawings and MID's from our TRP (Transformer Planning) or TRE (Transformer Engineering) department before commencing the work and also just before dispatch. BHEL will provide main W.O. drgs. only with PO / PO amendments. It is the responsibility of supplier to request for all related sub drgs. called in these main drgs. within 3 – 4 days of receipt of main drgs. and collect the same from BHEL. BHEL will not accept any extension request on account of late request and delay in collecting these sub drgs.
3. End Frame and End Frame parts listed at page 2 of 29 will be manufactured as per drgs. supplied along with each purchase order. Exact weight of HTS and S.S will be given in purchase order.
Typical drawings of all End Frame and End Frame parts are available alongwith the enquiry and tender documents on www.bhel.com.

4. MATERIAL :-

The requirements of various material involved in the fabrication will be in accordance with respective BHEL Drawings & Standards. However, in general the following material specifications will be used.

- | | | |
|-----|--------------|----------------------------|
| a). | M.S. Plate | AA 10108 |
| b). | H.T.S. Plate | AA 10122 |
| c). | S.S. Plate | AA 10730, AA10739, AA10740 |
| d). | Bars | AA 10501, AA19331 ,AA10108 |

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Schedule-III

5. End Frames are combined fabrication of Mild Steel, High tensile steel and Stainless Steel. Additional charges for HTS and Stainless steel content/portion have been fixed by BHEL (No MS weight deduction as per Schedule - IV clause no 5. (i & ii).

6. SHOT BLASTING & PAINTING:

All the Assy./ sub Assy./ items are to be supplied duly shot blasted & painted as required by BHEL as per the specification given below:-

- | | | | |
|----|------------------------|---|--|
| 1. | Degreasing | : | As per respective painting specification |
| 2. | Shot Blasting | : | SIS 055900 SA 2.5 |
| 3. | Painting | : | As per process specification specified in TR 10005 P |
| 4. | Painting process spec. | : | TR 10206P, TR 10211P |

7. Enamel painting or Epoxy painting shall be done as per BHEL Product Standard TR 10005 P SI. No. 2A or 17. The paints will be procured from BHEL approved vendors.
8. Third party/Customer inspection co-ordination will be done by the suppliers through QIX.
9. BHEL will accept End frames & their accessories only after ensuring compliance of tolerance as per TR 10199T and after compliance of check list CQX-124 rev-00 sheet 1/4 enclosed with enquiry
10. Supplier should mention their monthly manufacturing capacity that can be executed by them, in the offer.
11. End frames shall be matched and inspected at vendor works as per the drawing requirement and the QA plan. All welding shall be done as per BHEL/Customer approved WPS (welding procedure specification) and ASME section IX qualified welder.
12. End frames shall be free from shots, dust, weld slags and other foreign materials.
13. All tapped holes shall be blanked with insulation adhesive tape. For bigger size hole eg. 110 mm dia, thick and strong polythene sheet will be put to cover them to prevent entry of dust, dirt, and other foreign materials.
-

Sign & seal of Supplier:

Schedule-IV

COMMERCIAL TERMS & CONDITIONS

1. Scope of Work :-

The scope of work covered in this enquiry is fabrication of END FRAMES on finish basis in all respects using supplier's own material . Components and assemblies should be fabricated & supplied as per the technical scope, drawings and QA plan. Technical scope shall be as per schedule - IV, but it is only for guidance and not exhaustive. Supplier has to take all necessary care and deliver the item to satisfy relevant quality standard applicable for such product.

2. Rate:-

- a) Rate must be quoted in Rs per kg. basis inclusive of enamel painting, exclusive of taxes& duties for the technical scope (as per the drawings, QA plan, Annexure & other relevant documents etc.)
- b) Quoted rate must be valid for ordering for 120 days from the date of tender opening/date of RA
- c) **The following Price Variation Claim shall be allowed over the quoted base price as mentioned below :-**
 - (i) For every 1 Rupee per Kg increase / decrease in JPC (Joint Plant Committee, Constituted by Govt. of India) price excluding ED & VAT of 12 mm plate for Delhi, the basic fabrication rate will increase/decrease by Rs. 1.20 per kg.
 - (ii) The basic fabrication rate quoted in Schedule – VII/VIII shall be based on the JPC steel price of **Rs 26.64 per kg (excluding ED &VAT)** for 12 mm plate derived from the price declared in beginning of Dec -15 for Delhi. For detail calculation to derive JPC steel price excluding ED &VAT, refer Schedule – IX.
 - (iii) JPC declares steel prices bi-monthly including ED & VAT. JPC price declared in beginning of the month for Delhi shall be considered for one full month for the purpose of calculating PVC. BHEL will derive the JPC price excluding ED & VAT as per calculation placed at **Schedule – IX** and the same shall be considered for full one month for calculating PVC.
 - (iv) JPC steel basic rate excluding ED &VAT of Delhi (derived from the declared price in beginning of the month by JPC for Delhi) as applicable one month prior to contractual delivery or actual delivery whichever is lower, will be taken for the purpose of calculating price variation. For example, if End Frame Assy. is supplied in the month of Sep-16 & PO delivery is Aug-16, rate applicable for the month of Aug-16 or Jul-16 respectively whichever is lower shall be taken for PVC Claim.

Sign & seal of Supplier:

3. **Period of contract** –Rate Contract shall be valid for a period of **24 months** for ordering, from the date of issue of letter to this effect and further 03 months for supply. Rate contract shall be extendable for further periods as per mutual consent.
4. **Vendor should quote their lowest single rate for complete fabrication work of END FRAMES with own material, in enamel painted condition, on per kg. F.O.R. BHEL, Jhansi basis in the Bid format enclosed.**
5. Additional charges have been fixed for **Epoxy painting, High tensile steel (HTS) and Stainless steel content/portion** to cater for different type of requirements by different customers. **Vendors are not allowed to make any change in any of the rates mentioned below:-**

Sl. No.	Description	Rates fixed by BHEL in %of (basic fabrication rate + PVC amount in Rs / kg.)
1	Additional charges for Stainless Steel items as per design weight (no deduction for equivalent MS weight) irrespective of amount of SS used in the End Frame	323
2	Additional charges for HTS items as per Design weight (no deduction for Equivalent MS weight) irrespective of amount of HTS used in the End Frame	25.03
3	Additional charges for epoxy painting in place of enamel painting	1.39

6. **Study of /Drawings/Documents:** - The bidder is advised to **thoroughly study the technical scope and** ascertain required details in their own interest. In case of any discrepancies it should be immediately informed in writing, clearly indicating the discrepancies, before submitting the offers.
7. **Taxes & duties** :-Taxes & Duties shall be extra as applicable on the date of actual delivery. Bidders are advised in their own interest to familiarize themselves fully with various types of taxes and their rates etc. including entry tax if applicable. It may be noted that evaluation of quoted prices shall be done on the basis of landed cost at BHEL which shall be arrived at after loading the prices wherever required. Applicable taxes & duties on the date of offer **MUST** be mentioned. If any bidder is found to incorrectly declare less value of ED or nil in the offer, his contract will be terminated. For increase in ED rate slab during R/C period, required proof & undertaking will have to be given to this effect before same is admitted by BHEL.

Sign & seal of Supplier:

8. Basis of evaluation:-

- i). Only offers meeting the terms and conditions of the enquiry will be considered.
- ii). **This enquiry is in two part bid system. "BHEL reserves the right to go in for Reverse Auction instead of opening the submitted sealed bid, which will be decided after technical evaluation". For instructions for submission of two part bid & reverse auction refer Schedule-II.**
- iii). All offers shall be compared for total cost to BHEL at BHEL stores.
- iv). Offers having deviations to the terms and conditions will be suitably loaded.
- v). Excise duty & Cess and VAT shall be payable extra as per prevailing rates wherever it is not indicated in the offer, for arriving at the price to BHEL Jhansi. Vendor to mention regarding applicability of the same in the offer.

9. Delivery:

9.1 DELIVERY PERIOD

Individual LOIs / POs of the Rate Contract shall be released (along with the BHEL drawings & Quality Plan) with a delivery period of 45 days from the date of issue of LOI / PO.

Wherever it is mentioned in the LOI / PO that the delivery indicated is tentative and that the progress of the jobs are linked to release of documentations by BHEL and inspection of jobs by BHEL / Customer clearance, the delivery period shall be as under :

SI	Detail	Delivery terms
1	Intimation of Final WO drawings / Annexure, by way of PO Amendment	4 weeks from the date of intimation of PO Amendment or 45 days from the date of issue of LOI / PO, whichever is later.
2	Pursuant to communication of Intimation of final WO drawings & Annexure, if minor changes in drawings/specification are communicated by way of PO Amendment.	1 week from the date intimation of PO Amendment or 10 weeks from the date of issue of LOI / PO, whichever is later.

Notwithstanding the above delivery period, BHEL reserves the right in postponing delivery / seeking an earlier delivery from the supplier owing to the overriding concern of our production requirements.

- 9.2 SUPPLIER RESPONSIBILITY:** BHEL will provide main W.O. drawings only with PO / PO amendments. It is the responsibility of suppliers to request for all related Sub drawings called in these main drawings within a week of receipt of main drawings and collect the same from BHEL. BHEL will not accept any extension request on account of late request & delay in collecting these sub drgs.

Sign & seal of Supplier:

9.3 PENALTY FOR DELAYED DELIVERY / DELIVERY EXTENSION :

- (a) Delivery dates shall not be extended except for reason not attributable to supplier. Suppliers should strictly adhere to delivery schedule provided in the PO and plan the materials and works immediately on viewing the PO on the supplier information portal of BHEL Jhansi website. Delayed supplies would attract penalty as per Clause 9 of schedule –V
- (b) Beyond the delivery period mentioned at 9.1 above, there could be reasons wherein the supplier may seek a delivery extension. However, BHEL Jhansi may consider the request for delivery extension if there are sufficient reasons to believe that delay is not attributable to supplier. Such requests for extension should be substantially supported by letters / emails of communication, dates of receiving information, clarifications, inspection call booking and actual inspection dates etc. In case of inspection delays, the number of days of delay in inspection shall be added on the delivery date scheduled in PO, provided the advance intimation of 7 days' notice has been given for inspection. In case the notice period is less than 7 days, the delivery period shall be calculated accordingly. Supplier should resort to recorded communication if they feel that desired inputs have not been given to them by BHEL Jhansi. Suppliers should not delay in seeking inputs from BHEL Jhansi; unreasonable delay in requesting for inputs would be to suppliers account and would not qualify for delivery extension.

9.4 HOLD

- (a) In case HOLD is issued by BHEL Jhansi and subsequently lifted after a gap of more than one month, the period of HOLD and a certain mobilization period (7 days) shall be added to the PO delivery date, and if necessitated, a reasonable time shall be considered for communicating the revised delivery from the date of lift of HOLD.
- (b) If the hold is lifted within 30 days, the period of HOLD and a certain mobilization period (5 days) shall be added to the PO delivery date.

9.5 SHORT CLOSURE/ CANCELLATION OF PO/ RATE CONTRACT:

In case of production requirement of BHEL or due to inability of vendor to execute the PO/Rate contract, BHEL reserves the right to short close / cancel the individual PO/ Rate contract.

10. **Q.A. plan** to be strictly followed without any deviation. Qualified welders approved by BHEL will be employed as per job requirement & QA plan.
11. **Testing:** All types of NDT would be in the scope of supplier and will be carried out through BHEL approved agencies, unless specified otherwise in technical specification, subject to review Of NDT reports by BHEL. Testing of sample if done in BHEL TSD department will be on chargeable basis as per plant standard no. B.P. 0460298.
12. **Inspection:** shall be done by customer, third party and/or BHEL`s quality control department as mentioned in the QA plan / Annexure. In case of third party inspection, intimation of readiness of job for calling the party should be given at least one week in advance.

Sign & seal of Supplier:

Schedule-IV

13. **Payment:-**

- a) Payment for Fabricated items shall be made on the basis of M.S rate for **actual weight** supplied without deducting the design wt. of Stainless steel and High Tensile steel component/portion wt.
- b) In cases where the variation in the actual weight is more than 5%, the same shall be referred to concerned Engg. Deptt. and payment on account of increased weight beyond 5 % shall be released as per the decision of concerned Engg. Deptt.
- c) Where due to subsequent changes/modification in drawing, there is variation in the design weight, the purchase order value shall be revised as per the revised design weight.

14. **Test certificate & correlation:-** In all cases, material should be procured from BHEL's approved vendors, with correlated test certificates. Where, material is procured by the supplier without test certificate & correlation, it will be tested as per the instruction/requirement of BHEL in BHEL approved laboratories and testing charges will be borne by the supplier.

15. **No jigs & fixture/ tools** etc will be issued by BHEL for fabrication work except those jigs and fixtures which have been specified in the technical scope and drawing(s).

16. Progress report – Supplier will be required to send weekly progress report via email (shravan@bheljhs.co.in, achoubey@bheljhs.co.in, mlahirwar@bheljhs.co.in) / hard copy indicating status of each purchase order.

17. Supplier should quote one basic rate for End Frame considering the fixed rate mentioned by BHEL in clause no. 5 of Schedule - IV. This basic rate shall be for fabrication of End Frames shall cover complete work except those mentioned above.

18. The assemblies shall be delivered on F.O.R. BHEL Jhansi basis. **The offers received on Ex-works basis will be rejected.**

19. Penalty clause will be operated as per Clause No. 9 of Schedule-V of the Enquiry.

20. The rate quoted shall be on FOR BHEL Jhansi basis and on per Kg. basis only. Freight & insurance from suppliers works to BHEL Jhansi works shall be in the scope of the bidder.

21. The validity of the quotation shall be for a period of for 120 days from the date of tender opening/date of RA

22. Taxes & Duties shall be extra as applicable on the date of actual delivery. Tenderers are advised in their own interest to familiarize themselves fully with various types of taxes and their rates etc. including entry tax if applicable. It may be noted that evaluation of quoted prices shall be done on the basis of landed cost at BHEL which shall be arrived at after loading the prices wherever required. Applicable taxes & duties on the date of offer MUST be mentioned. If any bidder is

Sign & seal of Supplier:

Schedule-IV

found to incorrectly declare less value of ED or nil ED in the offer, his contract will be terminated. For increase in ED rate slab during R/C period, required proof & undertaking will have to be given to this effect before same is admitted by BHEL.

23. Rates shall be quoted duly considering the CENVAT credit available on the input material and the corresponding benefit on this account shall be passed on to BHEL.

24. Payment Terms:-

100% payment after 60 days of receipt and acceptance of material at BHEL works. The suppliers who are availing SIDBI / HDFC discounting facility (payment by BHEL in about 120 days from the date of invoice) with us will continue to get this facility. These payment terms will be treated as standard terms of payment. The bidders who are covered under MSMED Act- 2006 & quoted 45 days of payment after acceptance of material will also be treated as standard terms of payment.

25. Manner of Splitting of rate Contract Quantity:

1. Contract may be established with ' n-1' suppliers (where n is techno-commercially accepted vendors) limited to 7 suppliers for execution of this contract and quantity distribution among L1, L2..... to & L7 would be in the ratio (%) as shown in the below table based on L1 agreed rate.

Rank*	Weightage	% Share
1(vendor with lowest rate in R.A.)	n	n/Zx100
2	n-1	(n-1)/Zx100
3	n-2	(n-2)/Zx100
..
..
n (Vendor who has accepted counter offer & has bid highest rate in RA among 1 to n)	1	1/Zx100

$$\text{Total } Z = n(n+1)/2$$

- 'n' may vary from 1 to 7. L1 and those vendors who accept counter offer have to accept distribution of quantity as above.
- If we do not get 7 sources then qty may be distributed between agreed sources in line with above manner of splitting.

Sign & seal of Supplier:



BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

Material Management : A & S Section

PO:BHEL, JHANSI – 284120 UP

Ph:0510-2412716, Fax:2412120

Email: achoubey@bheljhs.co.in and mlahirwar@bheljhs.co.in

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Schedule-IV

* Rank of suppliers among L1 and those who have accepted counter offer (from lowest rate to highest rate in Reverse Auction).

Note: *The quantity distribution under rate contract shall be generally as per quantities allocated to the bidder, but limited to the capacity quoted by the bidder. The loading will also be subject to factors like (a) customer approval of vendors in specific projects, (b) facilities at Supplier works, (c) Suppliers delivery and quality performance during execution of rate contract, (c) Pendency of orders on the supplier and (d) responsiveness in addressing post order completion issues at BHEL. In view of above factors the loading during execution of rate contract may vary with respect to allocated quantity.*

During execution, if the performance of supplier is not upto the mark in respect of delivery / quality performance / quoted capacity of the bidder, BHEL reserves the right to either reduce further loading or stop loading till the execution of overdue orders. In such cases the balance allocated full or part quantity of the defaulting vendors may at the discretion of the BHEL Jhansi be re-distributed to other performing and willing vendors of the rate contract.

Signature of Bidder :

Name :

Designation :

Seal :

Sign & seal of Supplier:

Schedule-V
GENERAL TERMS & CONDITIONS

1. Purchase Order Acknowledgement must reach the concerned Officer of MM Deptt., BHEL, Jhansi within 2 weeks of issue of PO. Failure to do so within stipulated period will be deemed to mean that the order has been accepted by the supplier.

2. **Marking:-**

(a) The following details will have to be clearly marked on each case box / package / bundle / loose item :-

- i) Consignee
- ii) BHEL Order No. and Date
- iii) D.U. Number
- iv) Gross Weight
- v) Net Weight
- vi) Supplier's name or trademark must be punched on End Frames.
- vii) Brief Description of Item, Item No. of PO
- viii) Match Marking on all accessories as per drawing.

(b) All Markings for safety, proper handling, protection, etc. are to be clearly marked on the case as per Indian Standard.

3. **CONSIGNEE:-**

Unless otherwise mentioned, all goods shall be consigned as noted below:-

Incharge(CRX)
Central Receiving Section,
Factory Main Stores,
Bharat Heavy Electricals Ltd.,
JHANSI - 284129

4. **DOCUMENTATION:-**

The supplier shall forward 3 sets of the documents as detailed below:

(a) First set to the concerned Purchase Executive, BHEL, Jhansi comprising:-

- | | | | |
|-------|------------------------------|---|--------|
| (i) | Invoice | - | 1 Copy |
| (ii) | Challan/Despatch Advice Note | - | 1 Copy |
| (iii) | Guarantee Certificate | - | 1 Copy |
| (iv) | Test Certificate | - | 1 Copy |
| (v) | ExciseDutyGatePass | - | 1 Copy |

Sign & seal of Supplier:

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Schedule-V

(vi) Material accounting statement (for free issue material). If no material is issued by BHEL, then the statement should indicate "NIL".

(b) Second set to Incharge, Central Receiving Section, BHEL, Jhansi comprising:

- | | | | |
|-------|--------------------------------------|---|----------|
| (i) | Challan/Despatch Advice Note | - | 1 Copy |
| (ii) | Duplicate for Transporters copy | - | 1 Copy |
| | (2nd Original) of ExciseDutyGatePass | | |
| (iii) | Guarantee Certificate | - | 3 Copies |
| (iv) | Test Certificate | - | 3 Copies |

(c) Third set to Manager(Finance), Supply Bills Section , BHEL, Jhansi comprising:

- | | | | |
|-------|-------------------------------|---|--------|
| (i) | Signed Invoice | - | 2 Copy |
| (ii) | Challan/ Dispatch Advice Note | - | 1 Copy |
| (iii) | ExciseDutyGatePass | - | 1 Copy |
| | (Original for Buyer) | | |

5. **GUARANTEE:-**

All goods shall be free from any defects due to faulty material and workmanship and it will be guaranteed for a period of 18 months from the date of commissioning of the goods at customer's site or 24 months from the date of dispatch whichever is earlier. However, for any "LATENT DEFECTS" supplier will be responsible even after 24 months, if failure occurs due to the same.

6. **REJECTIONS:-**

(i) If any goods are rejected, BHEL shall be at liberty to take action as per following at the risk and cost of supplier:-

- (a) Allow the supplier, wherever mutually agreed, to rectify the rejected goods at BHEL's works within reasonable time as fixed by BHEL.
- (b) Allow the supplier to make free replacement within a specified period, rejected goods can be lifted by the supplier thereafter.

OR

Allow the supplier to refund the full amount paid to him by BHEL by a Demand Draft before lifting the rejected goods. Fresh replacement shall be regularized as per terms & conditions of the original purchase order.

OR

Take alternative procurement action from elsewhere and recover the difference in cost, if any incurred by BHEL in this regard from the supplier. The supplier shall not be entitled to any gain on purchase.

Sign & seal of Supplier:

- (c) Terminate the contract either in part or in whole at the discretion of BHEL and recover the loss, if any, from the supplier.
- (ii)
- (a) If manufacturing defect is noticed in End Frame at the time of use in BHEL. BHEL shall intimate to vendor by email.
- (b) vendor shall depute their team for rectification within 02 days of intimation (excluding date of intimation).
- (c) BHEL shall at its discretion and on advise of its quality department deduct Rs. 1000 per day for the period taken by vendor's team for rectification at BHEL (this period shall exclude 02 days as mentioned at (b) above). This deduction is solely for the delay incurred in progress of work in BHEL on account of defect / rectification of End Frame (defect attributed to vendor).
- (d) The vendor's team will obtain a written clearance from quality department w.r.t satisfactory Completion of rectification work.

7. INDEMNITY:-

Supplier shall indemnify BHEL against the following:-

- (a) Any claim or infringement of letters, patent or registered design by the use of any article or material supplied to BHEL and against all cost and damages which may incur, any action for such infringement or for which BHEL become liable in any such action.
- (b) All claims for injury or damage caused by the supplier's negligence or the negligence of supplier's employees or arising from any defect in the goods supplied or on the work carried out by the supplier.
- (c) All claims for injury to the supplier's employees or agents employees whilst on BHEL's premises.

8. SUB-CONTRACT:-

The purchase order or any part thereof must not be sub-contracted by supplier without BHEL's written consent.

9. PENALTY:-

If the material is not supplied within stipulated time, BHEL shall be within their right free to cancel the contract and purchase the material through any other source at the risk and cost of the supplier. In such an event it shall be obligatory on the defaulting supplier to make good loss suffered by BHEL. The above option shall be executed at the discretion of BHEL.

Sign & seal of Supplier:

Schedule-V

- Failure to effect supply by the time specified in the order or period of extension granted in writing by BHEL will make the supplier liable to pay unconditional penalty of ½ % (half percent) of the price of goods in arrears per week subject to maximum of 10% (ten percent) of the order value.
10. **ADJUSTMENT OF RECOVERY OF AMOUNT PAYABLE BY THE SUPPLIER:-**
Any amount payable by the consignor / supplier under any of the conditions of this contract shall be liable to be adjusted against any amount payable to the consignor/supplier under any other order/works contract awarded to him. This is without prejudice to any other action as may be deemed fit by BHEL.
11. **JURISDICTION:-**
All suits or any matters arising out of the P.Os based on the rate contract shall lie in Jhansi Courts only.
12. **ARBITRATION:-**In all cases of disputes, the matter shall be referred for arbitration. The arbitrator shall be nominated by the Unit Head, Bharat Heavy Electricals Ltd. Jhansi or any other officer nominated by him. The award of Arbitrator shall be final and binding on both the parties.
13. Terms & conditions pre-printed on the reverse of our Tender Enquiry shall also be applicable.

Signature of Bidder :

Name :

Designation :

Seal :

Sign & seal of Supplier:

TECHNO COMMERCIAL BID (PART-A)
E3559002

(Bidder should fill up this bid by putting the tick in accepted / non accepted column)

BIDDER'S NAME & ADDRESS :-

.....
.....

TECHNICAL PART

A	<u>Material</u>	
A1	<p>The material to following specifications will be procured and used in manufacture of Power Transformer End frame & End Frame Parts wherever applicable to the latest specification.</p> <p>a) M. S. Plate Material AA 10108 b) S.S.Plate Material AA10730, AA 10739, AA10740 c) H.T.S. Plate AA10122 d) Bars AA10501, AA19331 AA10108</p>	Accepted / Not Accepted
A2	<u>Source of Material & Testing Requirement :</u>	
	<p>Tested material to be procured from reputed manufacturers like SAIL/ SAIL subsidiaries / TISCO / Mahindra UGINE/ Essar Steel / Jindal Steel / Lloyds Steel/Jindal Vijaynagar and co related material test certificates to be furnished. If co-related test certificates cannot be produced, complete testing of material is to be carried out as per relevant BHEL standard in any of the BHEL approved labs.</p>	Accepted / Not Accepted
A3	<p>Rate for different type of paintings, S.S, H.T.S, as per clause 5 of Schedule-IV.</p>	Accepted / Not Accepted

Sign & seal of Supplier:

Schedule-VI

B	<u>Scope of Work.</u>	
B1	Fabrication of End frames&End Frame Parts shall be carried out as per the latest drawings/ MID'S / DCA'S to be obtained	Accepted / Not Accepted
B2	The End frame Assy. will be subject D.P. testing as called on the drg. / MID'S.	Accepted / Not Accepted
B3	Cleaning by shot blasting/ pickling as per BHEL Spec.	Accepted / Not Accepted
B4	Primer & finish painting will be done as called on the Drg. / PO.	Accepted / Not Accepted
B5	Matching of End Frame with other component shall be done by supplier before dispatch.	Accepted / Not Accepted
B6	Matching of End Frame shall be done with other component (100%)fitted at supplier works.	Accepted / Not Accepted
B7	Bending & pre machining wherever required will be done by the supplier and no facility will be extended by BHEL. However if facility is not available, the same may be provided by BHEL on chargeable basis.	Accepted / Not Accepted
B8	WPS, PQR & WQR shall be followed as per quality plan	Accepted / Not Accepted
C.	<u>Workmanship</u>	
C1	The End Frames shall be manufactured maintaining the fabrication tolerances called in the drgs	Accepted / Not Accepted
C2	Painting & related quality checks shall be done as per process specification called in the drgs/ MID's	Accepted / Not Accepted
C3	Suppliers to ensure to maintain weld sizes using weld checking gauges. Any lumps, scars or under cuts etc. are ground smooth for neat appearance.	Accepted / Not Accepted

Sign & seal of Supplier:

C4	To ensure desired aesthetic all sharp points cut edges, dents etc. shall be grounded smooth. Wherever radius or rounded off is called in drg, it should be ground as per drg. without any surface defect.	Accepted / Not Accepted
D.	<u>Inspection requirement</u>	
D1	QA Plan enclosed / supplied along with MID/ Order to be followed.	Accepted / Not Accepted
D2	Stage wise inspection shall be carried out as Specified in QA Plan / as per job requirement	Accepted / Not Accepted
D3	Dimensional record shall be maintained in the Performa prescribed by BHEL.	Accepted / Not Accepted
D4	Inspection by BHEL CQX /Third party as per job requirement / QA plan. All Co-ordination with Inspection agencies to be done by supplier.	Accepted / Not Accepted
E	<u>Cleaning & Painting</u>	
E1	Cleaning, Degreasing, Shot Blasting & Painting to be done as per specification and Thickness of paint in microns shall be maintained as called in the spec. / Drgs MID.	Accepted / Not Accepted
E2	Supplier to ensure that job should be free from shots, weld slag, dust and other foreign material before dispatch.	Accepted / Not Accepted
E3	First coat of primer/ paint shall be applied Within 4 hours of surface preparation.	Accepted / Not Accepted
F	<u>Shipping Instructions</u>	
F1	End Frames & End Frame parts are to be dispatched in single lot.	Accepted / Not Accepted

Sign & seal of Supplier:

G	General	
G1	In general, no material will be issued from BHEL.	Accepted / Not Accepted
G2	NDT wherever required is in suppliers scope of Work and should be carried out by BHEL'S Approved agencies. Quotation not confirming to this requirement is liable for rejection.	Accepted / Not Accepted
G3	No Tools/ Jigs/Fixtures/ Gauges will be issued by BHEL.	Accepted / Not Accepted
G4	Only calibrated instruments and gauges will be used.	Accepted / Not Accepted
G5	All inside / outside threads are to be duly protected with suitable means before shot blasting / paint applications.	Accepted / Not Accepted
G6	Areas which are not to be painted e.q. jacking pads etc. are to be properly masked/ protected from paint	Accepted / Not Accepted
G7	Colour fading, if any, observed during course of time to be attended by the supplier.	Accepted / Not Accepted
G8	Supplier has to collect Drawings and MID's from TRE/TRP on intimation by BHEL and take necessary material procurement/ manufacturing action as required.	Accepted / Not Accepted
G9	Capacity reserved for BHEL Jhansi in MT	----- per Month
G10	Capacity reserved for BHEL Jhansi in MT	----- per annum
G11	Present rate of Excise duty	-----%
G12	Present rate of CST /VAT	-----%

Sign & seal of Supplier:

Schedule-VI

H	<u>COMMERCIAL PART.</u>	
H1	Validity of the rate contract shall be one year from the date of finalization for ordering & 3 months thereafter for supply. However R/C can be extended for further one more year on mutual consent.	Accepted / Not Accepted
H2	Price variation clause shall be as per clause 2(C) of Schedule - IV.	Accepted / Not Accepted
H3	Taxes and duties shall be extra as applicable on the date of actual delivery.	Accepted / Not Accepted
H4	Penalty clause as well as other conditions given in general Terms & conditions of annexure V and Standard Enquiry terms & conditions are acceptable to us.	Accepted / Not Accepted
H5	Rates quoted in the price bid are on F.O.R. Jhansi basis.	Accepted / Not Accepted
H6	Validity of the rates quoted is for 120 days from the date of tender opening/date of RA	Accepted / Not Accepted
H7	The delivery shall be 45 days from the date of issue of LOI / PO or, 4 weeks from the date of intimation of PO amendment whichever is later. As per clause 9 of Schedule-IV	Accepted / Not Accepted
H8	100% payment after 60 days of receipt and acceptance of material at BHEL'S works (not applicable for suppliers availing MSMED, SIDBI / HDFC discounting facility)& other condition given at clause 24 of Schedule IV are acceptable to us	Accepted / Not Accepted
H9	Rates quoted are based on the rates frozen by BHEL for various activities which have been detailed at cl. 5 of Schedule - IV.	Accepted / Not Accepted

Sign & seal of Supplier:



BHARAT HEAVY ELECTRICALS LIMITED

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H10	BHEL may finalize rate contract on the basis of rate Reverse Auction or sealed price bid.	Accepted / Not Accepted
H11	In case BHEL goes for RA, Please confirm that you will Participate in RA	Yes / No

Note : If any of the above conditions are not accepted the offer shall be liable for rejection.

I. Contact detail of vendor :-

- 11. Contact Person:
- 12. Mobile no. :
- 12. Telephone No :
- 13. Fax No :
- 14. E mail Id :

Signature of Bidder :

Name :

Designation :

Seal :

Sign & seal of Supplier:

Schedule-VII

PRICE BID (PART - B)

To,
Dy GM (MM)
BHEL JHANSI-284129.

Subject : Price Bid against Rate Contract Enquiry no. E3559002 for POWER TRANSFORMER END FRAME on finish basis.

Dear Sir,
We are quoting Techno-commercial bid, basic rate as under:

S. No.	Description	To be filled by the bidder
1	Name & Address of the supplier	
2	Estimated Tendered Quantity	400 Sets / 1000000kg.
3	Basic Rate on F.O.R. destination basis (Rate in Rs. per kg basis) in figures	
3	Basic Rate on F.O.R. destination basis (Rate in Rs. per kg basis) in words	

- Note:- (i) Above rate are quoted based on base rate of JPC Rs **26.64** per kg of **Dec 2015 Delhi**.
(ii) The above quoted rates are inclusive of packing & forwarding charges on F.O.R. destination basis.
(iii) In addition to above Additional Charges as per Para 5 of Schedule IV (if any) shall also be paid by BHEL.
(iv) . The price bid if submitted in any other fashion or by adding any condition (e.g. minimum order quantity, rates applicable for specified quantity, discount for quantity, rate based on slabs, rate based on terms of payment etc.), offer shall be straight way REJECTED even if, offer has been found technically & commercial acceptable before opening of price bid

Signature of Supplier :

Name :

Designation :

Seal :

Sign & seal of Supplier:

Schedule-VIII

GENERAL TERMS & CONDITIONS OF REVERSE AUCTION

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 (THROUGH A SERVICE PROVIDER)**. The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit ‘online sealed bid’ in the reverse auction. Non-submission of ‘online sealed bid’ by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. 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.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (will be informed later on) before start of Reverse Auction. Without this the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL has provided the calculation sheets (e.g. EXCEL sheets) 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 bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax / e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required (will provide later on) as provided on case-to-case basis to service provider within two working days of Auction without fail.
11. 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.
12. Bidders shall be required to read the “Terms and Conditions” section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the “Business Rules of Reverse Auction”, which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation / cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped / aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. **In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.**

Sign & seal of Supplier:

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

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Schedule-VIII**R.A. PRICE CONFIRMATION AND BREAKUP (Sample sheet)**

To,

M/s “\$” ('\$' Name and Address of Service Provider)

.....
.....

SUB : Final price quoted during Reverse Auction and Price breakup

We confirm that we have quoted following rate(s) for tender enquiry no.E3559002

SR NO.	DESCRIPTION	UNIT	Eng. # 01 AMOUNT (RS)
A-	BASIC RATE	(Rs / Kg)	
B-	ED & CESS @ 12.50 % or as applicable(if applicable)	(Rs / Kg)	
C-	CST @ 2 % or as applicable	(Rs / Kg)	
D-	VAT @ 5 % or as applicable	(Rs / Kg)	
E-	Cenvat benefit (same as B)	(Rs / Kg)	
F-	Input Tax Credit (same as D)	(Rs / Kg)	
G-	TOTAL LANDED COST * (A+B+C+D-E-F)	(Rs / Kg)	

Note : This total landed cost to be quoted during Reverse Auction. This sheet may be modified as per offer received.

Above prices shall be valid for a period of 120 days.

Thanking you and looking forward to the valuable order from BHEL.

Your sincerely**Signature of bidder :****Name :****Designation :****Seal of company :****CC : Dy. General Manager (MM)
BHEL, Jhansi**

Sign & seal of Supplier:

Schedule-IX

CALCULATION TO DERIVE JPC PRICE EXCLUDING ED & VAT OF 10 MM PLATE FOR DELHI

(a)-	JPC price declared in beginning of 01-Dec-2015 for Delhi including Excise Duty & VAT	=	Rs 31.167 per kg (Rate of JPC enclosed)
(b)-	Present rate of Excise Duty (including Educational cess 2% and secondary 1%)	=	@ 12.5 %
(c)-	Present rate of VAT for Delhi	=	@ 4 %
(d)-	Therefore JPC price excluding ED & VAT	=	$\frac{\text{JPC price for Delhi including ED \& VAT}}{(1.1236 \times 1.04)}$
		=	$\frac{31.167}{(1.125 \times 1.04)}$
		=	Rs. 26.64 per kg

Sign & seal of Supplier:

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

Material Management : A & S Section

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Email: achoubey@bheljhs.co.in and mlahirwar@bheljhs.co.in

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ज्वाइन्ट प्लान्ट कमिटी
(भारत सरकार द्वारा गठित)
JOINT PLANT COMMITTEE
(Constituted by Govt. of India)
An ISO 9001 : 2008 Certified Organisation

Date: 9th December, 2015

JPC MARKET PRICE (RETAIL) AS ON 01-DEC-2015

Rs. per tonne

Sl. No.	ITEM	Kolkata	Delhi	Mumbai	Chennai
1	PIG IRON	22192	23600	23000	NA
2	BILLETS 100 MM	23876	21500	31600	NA
3	BLOOMS 150X150 MM	23501	21500	30900	NA
4	PENCIL INGOTS	22628	21000	28100	NA
5	WIRE RODS 6 MM	35754	33000	31894	NA
6	WIRE RODS 8 MM	35754	32500	31894	NA
7	ROUNDS 12 MM	34130	32000	33338	NA
8	ROUNDS 16 MM	33861	34000	33338	NA
9	ROUNDS 25 MM	33922	34000	33338	NA
10	TOR STEEL 10 MM	31474	33500	31044	NA
11	TOR STEEL 12 MM	30872	33425	30751	NA
12	TOR STEEL 25 MM	31072	33425	30751	NA
13	ANGLES 50X50X6 MM	34102	32500	33600	NA
14	ANGLES 75X75X6 MM	33351	32000	33338	NA
15	JOISTS 125X70 MM	34005	32000	40950	NA
16	JOISTS 200X100 MM	32984	33000	34388	NA
17	CHANNELS 75X40 MM	32342	32250	34125	NA
18	CHANNELS 150X75 MM	32004	32000	34650	NA
19	PLATES 6 MM	33723	31667	30538	NA
20	PLATES 10 MM	33723	31167	31500	NA
21	PLATES 12 MM	33939	31167	31500	NA
22	PLATES 25 MM	34038	31000	31500	NA
23	H. R. COILS 2.00 MM	35327	32067	31981	NA
24	H. R. COILS 2.50 MM	33601	32167	31763	NA
25	H. R. COILS 3.15 MM	33503	31900	31456	NA
26	C. R. COILS 0.63 MM	40565	35433	34650	NA
27	C. R. COILS 1.00 MM	39376	36450	34563	NA
28	G. P. SHEETS 0.40 MM	47814	43250	45675	NA
29	G. P. SHEETS 0.63 MM	46629	44500	45675	NA
30	G. C. SHEETS 0.40 MM	48460	45333	45150	NA
31	G. C. SHEETS 0.63 MM	47272	43833	45150	NA
32	MELTING SCRAP H M S - I	17505	16000	22000	NA
33	MELTING SCRAP H M S - II	16500	15500	24000	NA
34	SPONGE IRON (COAL BASED)	12888	17000	19200	NA

NOTE: 1) All prices are in Rs./Tonne and has been compiled on the basis of average of Main & Others producers' price.

2) Prices are inclusive of Excise Duty & Sales / Vat Tax

3) All prices are as on day 1 of this month

4) Prices are indicative

Sayan Sen
9/12/15
Sayan Sen
Sr Manager (Data Bank & Analytical Studies)
ज्वाइन्ट प्लान्ट कमिटी
JOINT PLANT COMMITTEE
52/1A, बालीगंज सर्कलर रोड
Ballygunge Circular Road
Kolkata-700 019

'ISPAT NIKETAN', 52/1A, Ballygunge Circular Road, Kolkata - 700 019
इस्पान निकेतन' 52/1A, बालीगंज सरकलर रोड, कोलकाता - 700 019

Sign & seal of Supplier:



BHARAT HEAVY ELECTRICALS LIMITED
(A Govt of India undertaking)
MATERIALS MANAGEMENT (MM) , JHANSI - 284129

TENDER ENQUIRY NO: E3559002

DATE: 07.01.16

ANNEXURE A TO SCHEDULE I

All requirements should be mandatorily filled, relevant documentation enclosed, and every page should be signed and stamped by the bidder.

QUALIFYING REQUIREMENTS

SI	Description of Qualifying requirement	Copy encl.									
1	<p>Average Annual financial turnover during the last three years, ending 31st March of the previous financial year, should be at least 28.12 lakhs approx.</p> <p>The bidder to fill the turnover details as per the format given below :</p> <table border="1" style="margin-left: auto; margin-right: auto;"><thead><tr><th style="text-align: center;">Financial Year</th><th style="text-align: center;">To be filled by Bidder Turnover (lakhs)</th></tr></thead><tbody><tr><td style="text-align: center;">2014-15</td><td></td></tr><tr><td style="text-align: center;">2013-14</td><td></td></tr><tr><td style="text-align: center;">2012-13</td><td></td></tr></tbody></table>	Financial Year	To be filled by Bidder Turnover (lakhs)	2014-15		2013-14		2012-13			
Financial Year	To be filled by Bidder Turnover (lakhs)										
2014-15											
2013-14											
2012-13											
	<p><i>As evidence of the above information, bidder to attach Audited Balance sheet including Profit & Loss Statement of last three financial years. In case the Balance Sheet of the last financial year is not yet audited, the un-audited balance sheet of the last financial year can be enclosed along with certificate of CA</i></p>	Yes	No								
2	<p>Work Experience</p> <p>The bidder must have successfully completed at least 37.5 MT of similar jobs during last two years (ending last day of month previous to the one in which applications are invited).</p> <p>Similar Jobs means - Power Transformer End Frame / Power Transformer Tanks with Accessories / Diesel Under Frames.</p> <p>In case of experience in Power Transformer Tanks with Accessories, the weight of each job should be more than 10 MT. In case of experience in Power Transformer End Frames / Diesel Underframes, tonnage of each should be more than 1 MT.</p> <p>The bidder to mandatorily fill the details of experience as per Annexure A1 to Schedule I, enclose the same, and the summary to be filled by bidder should be as under:</p> <table border="1" style="margin-left: auto; margin-right: auto;"><thead><tr><th rowspan="2" style="text-align: center;">Similar Jobs executed in last two years (ending last day of month previous to the one in which applications are invited).</th><th colspan="2" style="text-align: center;">To be filled by Bidder</th></tr><tr><th style="text-align: center;">No of jobs</th><th style="text-align: center;">Tonnage (MT)</th></tr></thead><tbody><tr><td style="text-align: center;">Total tonnage executed</td><td></td><td></td></tr></tbody></table>	Similar Jobs executed in last two years (ending last day of month previous to the one in which applications are invited).	To be filled by Bidder		No of jobs	Tonnage (MT)	Total tonnage executed				
Similar Jobs executed in last two years (ending last day of month previous to the one in which applications are invited).	To be filled by Bidder										
	No of jobs	Tonnage (MT)									
Total tonnage executed											



BHARAT HEAVY ELECTRICALS LIMITED
(A Govt of India undertaking)
MATERIALS MANAGEMENT (MM) , JHANSI - 284129

TENDER ENQUIRY NO: E3559002

DATE: 07.01.16

ANNEXURE A TO SCHEDULE I

All requirements should be mandatorily filled, relevant documentation enclosed, and every page should be signed and stamped by the bidder.

SI	Description of Qualifying requirement	Copy encl.													
	As evidence of the above information, the bidder to attach the documentary proof as below :	Yes	No												
	<table border="1"><thead><tr><th>Supplies made to</th><th>Documentary Proof to be attached</th><th>Bidder to Tick '√' whichever is applicable</th></tr></thead><tbody><tr><td>BHEL, Jhansi or BHEL, Bhopal or other Units of BHEL</td><td>Purchase Order Copies to be submitted</td><td></td></tr><tr><td>Other PSUs / Govt Undertakings</td><td>Copy of Performance certificate & Purchase Order issued by Customer for successful execution of the jobs to be submitted</td><td></td></tr><tr><td>Private Sector</td><td>Copy of Performance certificate, Purchase Order and relevant Excise Tax Invoice / TDS certificate must be attached.</td><td></td></tr></tbody></table>	Supplies made to	Documentary Proof to be attached	Bidder to Tick '√' whichever is applicable	BHEL, Jhansi or BHEL, Bhopal or other Units of BHEL	Purchase Order Copies to be submitted		Other PSUs / Govt Undertakings	Copy of Performance certificate & Purchase Order issued by Customer for successful execution of the jobs to be submitted		Private Sector	Copy of Performance certificate, Purchase Order and relevant Excise Tax Invoice / TDS certificate must be attached.			
	Supplies made to	Documentary Proof to be attached	Bidder to Tick '√' whichever is applicable												
	BHEL, Jhansi or BHEL, Bhopal or other Units of BHEL	Purchase Order Copies to be submitted													
Other PSUs / Govt Undertakings	Copy of Performance certificate & Purchase Order issued by Customer for successful execution of the jobs to be submitted														
Private Sector	Copy of Performance certificate, Purchase Order and relevant Excise Tax Invoice / TDS certificate must be attached.														
3	Proforma for Compliance to Mandatory Resource Requirements along with the necessary documentary proof (wherever called for) to be mandatorily filled and submitted.	Yes	No												
4	Proforma for Compliance to Desirable Resource Requirements to be mandatorily filled and submitted	Yes	No												
5	Self Certificate/Declaration (as per Annexure A2 to Schedule I).that (a) the bidder is not suspended by BHEL Jhansi or any Unit/Office of BHEL or any other organization, and (b) the the bidder not guilty by a Court of Law in India for any offence involving fraud, dishonesty and moral turpitude.	Yes	No												
6	Permanent Account Number (PAN) Number of Supplier (In case the PAN number is not in the name of the firm, the relevant records linkng the ownership to be provided)	Yes	No												
7	TIN No of Supplier	Yes	No												
8	Part 1 (Techno - Commercial Bid) & Part II (Price Bid)	Yes	No												

We agree that our bid is liable to be rejected in case (a) the relevant information is not filled, (b) documentation is incomplete, (c) there are false declarations, and (d) if we do not meet the mandatory criteria on Financial Turnover, Experience & Mandatory Resource requirements.

**(Signature of the Supplier
with Name. Designation & Seal)**

ANNEXURE A1 TO SCHEDULE I

TENDER ENQUIRY NO: E3559002

DATE: 07.01.16

‘ Job’ means a single descriptive Purchase Order item for which an order has been placed. Sum of different items of a Purchase Order will not constitute a ‘ Job’.

Experience in Similar Jobs (Power Transformer End Frames / Power Transformer Tank with Accessories / Diesel Underframes). In case of experience in Power Transformer Tanks with Accessories , the weight of each job should be more than 10 MT. In case of experience in Power Transformer End Frames / Diesel Underframes, , tonnage of each should be more than 1 MT.

Sl	Description	Customer	BHEL / GOVT PSU / PRIVATE	PO No	PO Dt	PO Qty.	Weight Per job (MT)	PO Completion date	Whether Proof of completion enclosed	
									Yes	No
1									Yes	No
2									Yes	No
3									Yes	No
4									Yes	No
5									Yes	No
6									Yes	No
7									Yes	No
8									Yes	No
9									Yes	No

ANNEXURE A1 TO SCHEDULE I

TENDER ENQUIRY NO: E3559002

DATE: 07.01.16

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Sl	Description	Customer	BHEL / GOVT PSU / PRIVATE	PO No	PO Dt	PO Qty.	Weight Per job (MT)	PO Completion date	Whether Proof of completion enclosed	
10									Yes	No
11									Yes	No
12									Yes	No
13									Yes	No
14									Yes	No
15									Yes	No
TOTAL										

We agree that our bid is liable to be rejected in case of incomplete data / false declarations/ if we do not meet the requirements.

(Signature of the Supplier with Name. Designation & Seal)

TENDER ENQUIRY NO. E3559002

Date :

Self Declaration

1. I / We have never been found guilty by a court of law in India for any crimes of fraud, dishonesty or moral turpitude
2. I / We have never been suspended by BHEL Jhansi or any Unit/Office of BHEL or any other organization.
3. I / We undertake to abide by all statutory and regulatory requirements while carrying out jobs for BHEL Jhansi.

(Signature of the Supplier with Name, Designation & Seal)



BHARAT HEAVY ELECTRICALS LIMITED
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MATERIALS MANAGEMENT (MM) , JHANSI - 284129

TENDER ENQUIRY NO: E3559002

DATE: 07.01.16

ANNEXURE B TO SCHEDULE I

PROFORMA FOR COMPLIANCE TO MANDATORY RESOURCE REQUIREMENTS

All requirements should be mandatorily filled and every page should be signed and stamped by the bidder. Wherever information is sought regarding availability of a facility, strike off whichever is not applicable ' Available / Not Available.' Outsourcing is not allowed for these requirements.

Sl	Requirements	To be filled in by Bidder				
A	General					
1	Covered Shed with concrete floor for fabrication and Assembly (Minimum area 300 sqm).	Available Area (sqm)				
2	Crane (with minimum crane capacity of 5 MT)	Capacity (MT)				
		Number Available				
3	Bed Plates (perfectly levelled) in single location , big enough to cover size 1500 mm x 6000 mm approx.	Whether Available?	Available	Not Available		
		If Available, indicate the size (W x L) and numbers	Size (mm)	Numbers		
			W	L		
B	Manpower					
4	Minimum two Qualified Welders as per ASME section IX or AWS D 1.1. for MS to MS Welding - SMAW / GMAW / FCAW (Necessary qualification certificates to be submitted)					
		Name	Experience (yrs)	WPS	PQR	
5	Fitter (Minimum two required)	Number Available				
	Grinder (Minimum three required)	Number Available				
	Crane Operator (Minimum one reqd.)	Number Available				
6	Painter (Minimum one required)	Number Available				
7	Technical staff for reading and understanding the technical documents (Minimum one employee with Diploma / Degree in Mechanical Engg)	Name				
		Qualification(s)				



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PROFORMA FOR COMPLIANCE TO MANDATORY RESOURCE REQUIREMENTS

All requirements should be mandatorily filled and every page should be signed and stamped by the bidder. Wherever information is sought regarding availability of a facility, strike off whichever is not applicable ' Available / Not Available.' Outsourcing is not allowed for these requirements.

Sl	Requirements	To be filled in by Bidder		
C	Working Facilities			
8	Pug Cutting Machine (Minimum two nos with capacity to cut thickness upto 63 mm)	Serial Number	1	2
		Make		
		Thickness (mm)		
9	Portable Drilling Machine RM 63 (Minimum one number with capacity to drill Hole Dia 63 mm)	Make		
		Year of Mfr.		
		Capacity (Max. Drill Dia)		
10	Tools for Tapping	Whether Available?	Available	Not Available
11	Air Compressor (At least one number to generate Minimum pressure of 1.5 kg / sq. cm)	Make		
		Pressure it can generate (Kg / sq.cm)		
12	Welding Machines (SMAW / GMAW / FCAW) - Minimum three numbers	Make		
		Rating (KVA)		
		Numbers		
13	Portable Hand Grinding Machines (Minimum 3 nos)	Number Available		
14	Twist Drills (Maximum drill size 63 mm dia)	Whether Available ?	Available	Not Available
		If Available, please specify the maximum Drill Size (mm)		
15	Electrode Heating Oven with thermostatic temperature controller (Minimum one no Fixed type with maximum temperature of 300°C)	Number Available		
		Temperature (°C)		



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ANNEXURE B TO SCHEDULE I

PROFORMA FOR COMPLIANCE TO MANDATORY RESOURCE REQUIREMENTS

All requirements should be mandatorily filled and every page should be signed and stamped by the bidder. Wherever information is sought regarding availability of a facility, strike off whichever is not applicable ' Available / Not Available.' Outsourcing is not allowed for these requirements.

SI	Requirements	To be filled in by Bidder			
16	Electrode Storage Ovens (Minimum two numbers Portable type, each with an electrode storage capacity of 2 kg)	Nos			
		Capacity (Kgs)			
17	Blasting Facility Minimum Size W x L x H (3 mtr x 8 mtr x 5 mtr)	Whether Available ?	Avl	Not Available	
		Size (mtr.) W x L x H	W	L	H
18	Separate area for Spray Painting	Whether Available ?	Avl	Not Available	
D	Testing facilities				
19	Dye Penetrant (DP) Testing	Whether Available ?	Available	Not Available	
20	Log Book for Blasting & Painting	Whether Available ?	Available	Not Available	
E	Instruments				
21	Straight Edges	Whether Available ?	Available	Not Available	
22	Paint thickness measuring instrument (Measurement range between 0 - 200 microns.)	Range	From	To	
		Microns			
23	Viscometer	Whether Available ?	Available	Not Available	
24	Spray Painting Gun with hose	Whether Available ?	Available	Not Available	
25	Thread Checking Guages M4,M6,M10,M12,M16,M20,M24	Whether all required gauges Available ?	Available	Not Available	
26	GO, NO GO gauges for checking threads	Whether Available ?	Available	Not Available	
27	Vernier Calipers with minimum range of 300 mm (Calibration from Government accredited agency)	Range (mm)	From	To	
		Calibration done from			



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ANNEXURE B TO SCHEDULE I

PROFORMA FOR COMPLIANCE TO MANDATORY RESOURCE REQUIREMENTS

All requirements should be mandatorily filled and every page should be signed and stamped by the bidder. Wherever information is sought regarding availability of a facility, strike off whichever is not applicable ' Available / Not Available.' Outsourcing is not allowed for these requirements.

Sl	Requirements	To be filled in by Bidder		
28	Tape for paint adhesion (minimum one-inch (25-mm) wide semi transparent pressure-sensitive tape with an adhesion strength as per ASTM 3359)	Whether Available ?	Available	Not Available
29	Measuring Tape (Calibration from Government accredited agency)	Range (mm)	From	To
		Calibration done from		
F	Others			
30	The established procedure to maintain straightness of End Frame after welding to be mentioned in a few lines			

Our offer is liable to be rejected in case (a) we have not filled / not marked / left blanks, (b) if we do not meet the mandatory requirements, and (c) if the mandatory requirements are not available at our works. BHEL can assess our facilities at any point of time and we agree for penal action from BHEL in case any of the above information furnished is found to be false.

Date:

(Signature of Supplier
with Name, Designation and Seal)



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ANNEXURE C TO SCHEDULE I

PROFORMA FOR COMPLIANCE TO DESIRABLE RESOURCE REQUIREMENTS

All requirements should be mandatorily filled and every page should be signed and stamped by the bidder. Wherever information is sought regarding availability of a facility, strike off whichever is not applicable ' Available / Not Available.' If the facility is outsourced, mention 'OS'.

SI	Requirements	To be filled in by Bidder		
A	General			
1	Office for storing and referring the documents	Available Area (sqm)		
2	Organization Structure (to be submitted)			
C	Working Facilities			
3	Flattening Press (Minimum 250 MT)	Make		
		Year of Mfr.		
		Capacity (MT)		
4	Plate Cutting Machine (Minimum working thickness 63 mm)	Profile Cutting		
		Upto thickness (mm)		
		Year of Mfr.		
E	Other features			
6	Availability of ISO Certificate (If available, enclose the copy of the certificate)	Whether Available ?	Available	Not Available
7	Approved by end users like NTPC, PGCIL, SEBs, etc. (If available, Performance certificates to be enclosed)	If Approved, indicate the names of Customers		
8	From where is the raw material like Steel Plates sourced.	Indicate the probable sources		
9	From where are the Paints sourced.	Indicate the probable sources and brands		



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ANNEXURE C TO SCHEDULE I

PROFORMA FOR COMPLIANCE TO DESIRABLE RESOURCE REQUIREMENTS

All requirements should be mandatorily filled and every page should be signed and stamped by the bidder. Wherever information is sought regarding availability of a facility, strike off whichever is not applicable ' Available / Not Available.' If the facility is outsourced, mention 'OS'.

Our offer is liable to be rejected in case we have not filled / not marked / left blanks in the above criteria.

Date:

(Signature of Supplier
with Name, Designation and Seal)