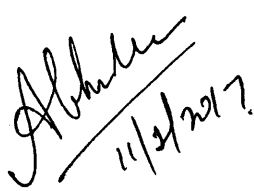
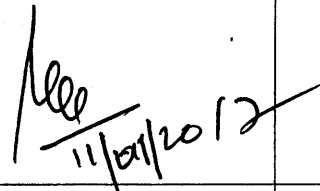
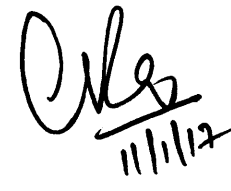


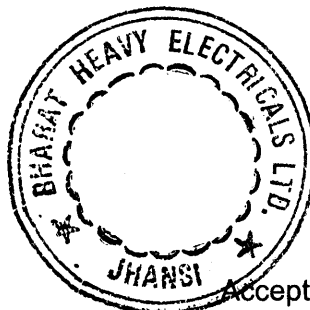
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TENDER DOCUMENT OF RATE CONTRACT FOR TWO YEARS FOR
FABRICATION OF DRY TYPE TRANSFORMER END FRAME AND ROLLER
ASSEMBLY ON FINISH BASIS

Purchase Enquiry No: E3569012

Index

Sl. No.	Description	Schedule	Page No.
1	Qualifying Criteria and Quantities covered by the Rate Contract	Schedule-I	2 to 3
2	Instruction of Submission of Tender Through E Procurement	Schedule-II	4 to 7
3	Salient Technical Requirements	Schedule-III	8
4	Commercial Terms & Conditions	Schedule-IV	9 to 11
5	General Terms & Conditions	Schedule-V	12 to 13
6	Techno-commercial Bid	Schedule-VI	14 to 18
7	General Terms & Conditions for Reverse Auction (RA) & Price Break-up sheet after RA	Schedule VIII	19 to 27
8	JPC Rate calculation and Circular for JPC Rate for the month of Aug' 2016.	Schedule- IX	28 to 29
 11/11/2017		 11/11/2017	 11/11/2017
Abhishek		ML Ahirwar	C. Venkat Rao
Sr. Engineer (MM)		DGM (MM)	AGM (MM)
Prepared By		Checked By	Approved By



Schedule - I

Ref: E3569012

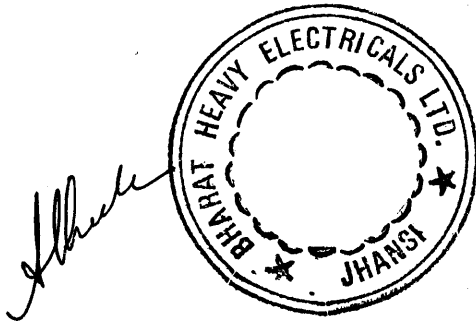
Qualifying Criteria & Quantities Covered by the Rate Contract

Requirement for Dry Type Transformer End Frame and Roller Assembly for two years is as under:-

Enq. # no.	Item Description	Qty.
1	ROLLER ASSY TO DRG NO- 24993750014 REV 01, E/F ASSY TO DRG 14737050052 REV 00, FOOT ASSY TO DRG- 34737050017 REV-01 & etc DTT. ELECTRO PLATED AS PER I:S 1573.	300 sets / 300.00 MT $\pm$ 30 %
2	ROLLER TO DRG NO 24993750014 REV-01 End Frame TO DRG - 14997050015 REV 15 & FOOT ASSY TO DRG NO- 34737050012/10 etc DTT. HOT DIP GALV. AS PER I:S 4759.	50 sets / 50.00 MT $\pm$ 30 %

Above requirement and tolerance of $\pm$ 30 % is tentative and can vary in any proportion both on positive and negative side depending upon BHEL's requirement and order book position. The quantities of items 1 and 2 may vary in any proportion within overall quantity of both items 1 and 2.

Note: Drawings mentioned herewith are typical, for actual drawings purchase order will be followed.



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Qualification shall be as under:

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 scanned copy of the same alongwith the relevant documents has to be uploaded on e procurement portal (wherever called for).

Signature of Supplier :

Name :

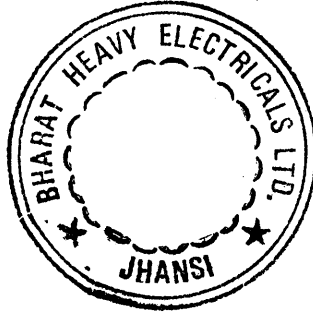
Designation :

Seal :

Phone No :

E-mail ID :

[Handwritten Signature]



Ref: E3569012

Schedule-II
Important details of the Tender

Name and Contact Details of the Person for Queries in the Tender	(1) M L Ahirwar DGM/MM, BHEL Jhansi Phone: - 0510-2412459 Email: - mlahirwar@bheljhs.co.in (2) Abhishek Sr. PO/MM, BHEL Jhansi Phone: - 0510-2412716 Email: - achoubey@bheljhs.co.in (3) Shravan Kumar AE/MM, BHEL Jhansi Phone: - 0510-2412387 Email: - shravan@bheljhs.co.in
Last Date of Submission of the Tender through e-Procurement system	_____ 13:15 Hrs.
Tender Opening Date	_____ 14:00 Hrs.

The tender will be conducted and evaluated online through e-Procurement System. The bidder shall submit his response through bid submission to the tender on e-Procurement platform at <https://bheleps.buyjunction.in>.

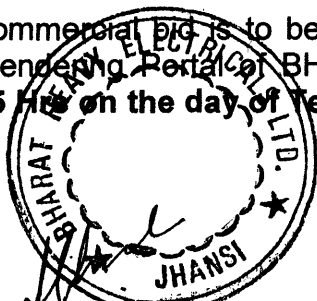
Successful bidder shall be responsible for completion of the contract in all respects. Techno commercial offers shall be opened through the E-Procurement portal. However Price may be finalized through online Reverse Auction. Bidders are request to quote their most competitive prices through the online e-procurement portal / system.

In case of any difficulty in operating the E-Tendering System, please call up our Developer's Help Desk m Junction Services Ltd. at 033-6601 1717 or BHEL Representative, Mr. O.P. Gupta at 0510-2412482. Please ensure the submission of your most competitive offer before the due date in the E-Tendering Portal to avoid last minute hustle.

The offer shall include-

1. Techno-commercial Bid: -

The techno commercial bid is to be filled and uploaded with full required documents online on E-Tendering Portal of BHEL at web address <https://bheleps.buyjunction.in> latest by **13:15 Hrs on the day of tender submission date.**



Ref: E3569012

Please ensure to upload the scanned documents wherever original documents are asked for in the tender and is required as part of technical bid on the portal. This includes documents required as per Qualification Criteria of Techno commercial Section i.e Annexure-A, A1, A2, B, C of Schedule-1, Profit and Loss statement of last 3 financial years, PO copies, SRV copies, Excise Invoice and Performance Certificate copies as per Annexure A and A-1 of Schedule-1. Also attach the WPS and PQR of the welder.

In addition to that entire tender document bid duly signed and stamped on each page by authorized signatory clearly bringing out deviations, if any, compliance letter on company's letter head, duly filled format for techno commercial bid, amendment if issued to the tender with sign and seal on each page should be uploaded on e procurement portal.

If the relevant documents are not found in e procurement portal your offer is liable to be rejected.

The techno commercial offers shall be opened on **14:00 Hrs on the same day of Tender submission date**. Hard copies of commercial offers shall not be accepted for evaluation.

2. Price Bid/ Reverse Auction: -

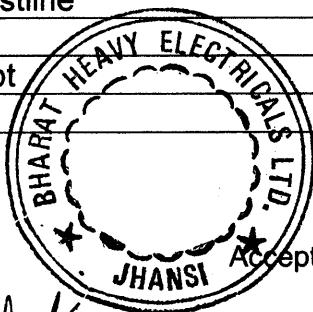
The Price Bid is to be filled up through E-Tendering system only. RA will be conducted for technically qualified parties by separate service provider. BHEL reserves the right to decide for going into Reverse auction.

Instruction for Participation in the Tender through e-Procurement.

The process of utilizing e-procurement necessitates usage of DSC (Digital Signature Certificate) (Class – III, SHA 2, 2048 BIT – Signing and Encryption) and vendors are requested to procure the same immediately if not available with them. Please note that only with DSC of above mentioned specification, the interested bidder will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying authorities are given below

Sr. No	CA	Website Address
1	e-Mudhra	http://www.e-mudhra.com
2	GNFC	http://www.ncodesolutions.com
3	IDRBT	http://www.idrbtca.org.in
4	MTNLTrustline	http://www.mtnltrustline.com
5	NIC	http://www.nic.in
6	Safescrypt	http://www.safescrypt.com
7	TCS	http://www.tcs-ca.tcs.co.in



Ref: E3569012

Registered vendors of BHEL, Jhansi may participate in the tender directly on BHEL, Jhansi e-Procurement portal at address <https://bheleps.buyjunction.in>.

The new vendors who are not registered with BHEL, JHANSI and are interested to participate in the tender will have to register and map their respective Digital Signature Certificate with specification Class-III, SHA-2, 2048 bit Signing and Encryption at BHEL e-Procurement website: <https://bheleps.buyjunction.in>.

For registration assistance, users may please contact mJunction Helpdesk @ 033-6601 1717 between 9.30 am till 5.30 pm.

BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder.

This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their Online sealed price bid filled in the e procurement portal while submitting the offer, already submitted to BHEL along with the offer.

The Online sealed price bid filled in the e procurement portal while submitting the offer of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & Online sealed price bid filled in the e procurement portal while submitting the offer) thus obtained. The bidder having submitted this offer should specifically agree to this condition and undertakes to execute the contract on thus awarded rates.

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

As a reminder to the bidders, system will flash following message (in RED Color) during the course of online sealed bid':

Ref: E3569012

"Bidders to submit online sealed bid less than or equal to Online sealed price bid filled in the e procurement portal while submitting the offer already submitted to BHEL"

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.

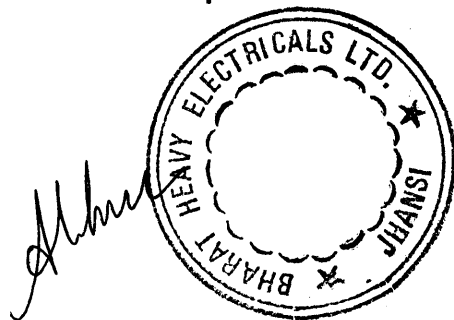
We confirm above instructions have been fully understood. We further confirm that price bid has been submitted online without addition of any other terms & conditions and if the price bid is found to be conditional (e.g. minimum order quantity, slab rate, discount for quantity, different terms of payment etc. etc.), BHEL has full right not to accept our offer. In addition to above Additional Charges as per Para 4 of Schedule IV (if any) shall also be paid by BHEL. **Above rate are quoted based on base rate of JPC Rs. 33.86 per kg of December 2016**

Signature of Supplier :

Name :

Designation :

Seal :



Ref: E3569012

Schedule-III

SALIENT TECHNICAL REQUIREMENTS

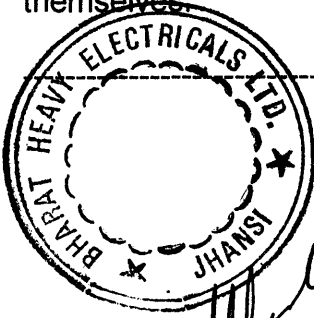
1. **SCOPE OF WORK:** The scope of work covered in this enquiry is fabrication of Dry Type Transformer End Frame, Roller Assembly etc. (enquiry item no. 01 & 02) as per our typical drawing i.e. for enquiry item no.1 ROLLER ASSY TO DRG NO-24993750014 REV 01,E/F ASSY TO DRG 14737050052 REV 00,FOOT ASSY TO DRG-34737050017 REV-01 & etc DTT. ELECTRO PLATED AS PER I:S 1573 and for enquiry item no.2 ROLLER TO DRG NO 24993750014 REV-01 End Frame TO DRG - 14997050015 REV 15&FOOT ASSY TO DRG NO-34737050012/10 etc DTT.HOT DIP GALV.AS PER I:S 4759 on fully finish basis using own material in all respects. The Dry Type Transformer End Frame, Roller Assembly etc. (enquiry item no. 01 & 02) shall be supplied in duly sand / shot blasted & Electro – Galvanized (as per IS : 1573) / Hot Dip Galvanized condition (as per IS : 4759). The Dry Type Transformer End Frame, Roller Assembly etc. (enquiry item no. 01 & 02) shall be inspected by BHEL.

All material, consumables, facilities shall be arranged by the supplier. Paint film thickness test and any other test called in BHEL DRG . shall be carried out by vendor .Hardwares, temporary fixtures, blanking plates, C clamps, helical inserts, gaskets etc shall not be supplied by BHEL.

Pre-machining of the items/components as per drawing is in supplier's scope.

Supplier should ensure that the supplies are as per latest Drawings, DCAs, MIDs, QA Plans 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 revisions of drawings from BHEL before commencing the work and also just before dispatch. Efforts will be made to supply all possible documents by BHEL along with purchase order or in sequence from after issue of LOI / PO.

All facilities required for fabrication & testing are to be arranged by the vendor themselves.



Signature of bidder :

Name :

Designation :

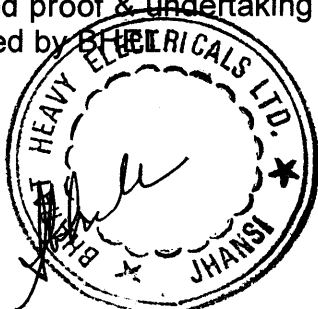
Seal of company :

Ref: E3569012

Schedule -IV

COMMERCIAL TERMS & CONDITIONS

1. The rate contract shall be valid for ordering for two years from the date of finalization and supply up to 3 months thereafter.
2. The following Price Variation Claim shall be allowed over the quoted base price as per **schedule-VIII**:
 - a) For every 1 Rupee per Kg increase / decrease in JPC (Joint Plant Committee, Constituted by Govt. of India) price excluding ED & VAT of **10 mm plate** for Delhi, the basic fabrication rate will increase / decrease by Rs 1.20 per kg.
 - b) The basic fabrication rate quoted in schedule - VII shall be based on the JPC steel market price (retail) of Rs. 33.86 per kg (excluding ED & VAT) for **10 mm plate** derived from the price declared in beginning of March 2016 for Delhi. For detail calculation to derive JPC market steel price (retail) excluding ED & VAT, refer schedule-VIII.
 - c) If rate of MS increase / decrease by Rs. 1.00 per Kg., rate of HTS JPC increase / decrease by Rs. (1.5 X 1.2) = Rs. 1.80 per kg.
 - d) 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.
 - e) 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 **Apr-17** & PO delivery is March-17, rate applicable for the month of March-17 or Feb-17 respectively whichever is lower shall be taken for PVC Claim.
3. 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 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.



Ref: E3569012

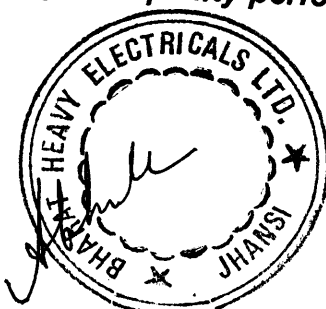
4. Additional Charges:

Schedule -IV

- (a)- Extra charges for clamp plate, pin etc. made of HTS material shall be 150 % of basic fabrication rate of DTT End Frame, Roller Assy., etc. made of MS material. No deduction will be made from SRV weight of clamp plate, pin etc. made of HTS material. (0351556 HTS round)
- (b)- BHEL will pay Rs. 15/-per kg extra for re-galvanizing /re- electro galvanizing of fabricated items in case where in is required because of change in our drawings. Re galvanizing of items will be certified by our inspecting agency. Fabricator shall get items inspected before starting re galvanizing/re electro galvanizing.
5. The validity of the quotation shall be for a period of 120 days from the opening date of tender.
6. **Payment Terms :-** 100% payment after 60 days of receipt and acceptance of material at BHEL works. The suppliers who are availing HDFC / SIDBI bill discounting facility (pay by BHEL in about 90th days from the date of invoice) with us will continue to get this facility. However, due to funds problems, this cannot be extended to other suppliers. For such suppliers standard payment terms shall be applicable for deciding tender. 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. Both payment terms will be treated at par. The offer received with any other terms of payment will not be accepted.
7. **Manner of Splitting :** Contract may be established with ' n-1' suppliers (where n is techno-commercially accepted vendors) limited to 04 suppliers for execution of this contract and quantity distribution among L1, L2..... to & L4 would be in the ratio (%) as shown in the below table based on L1 agreed rate.

No of vendors	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	Total
1	100										100
2	65	35									100
3	48	32	20								100
4	37	29	19	15							100

Note: The loading under rate contract shall be generally as per quantities allocated to the bidder. However it will be subject to factors like (a) customer approval of vendors in specific projects, (b) Suppliers delivery and quality performance during execution of rate



Ref: E3569012

Schedule -IV

contract and (c) Pendency of orders on the supplier. In view of above factors the loading during execution of rate contract may vary substantially with respect to allocated quantity.

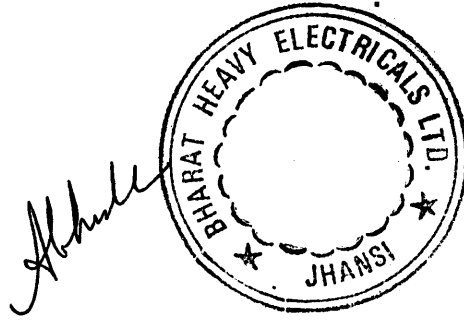
Performance of supplier shall be monitored and in case the delivery / quality performance is not up to the mark during execution, BHEL reserves the right to either reduce further loading or stop loading till the execution of over dues orders. In such cases the balance allocated full or part quantity 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 Supplier :

Name :

Designation :

Seal :



Ref: E3569012

Schedule -V

GENERAL TERMS & CONDITIONS

1. **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.

2.. **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.

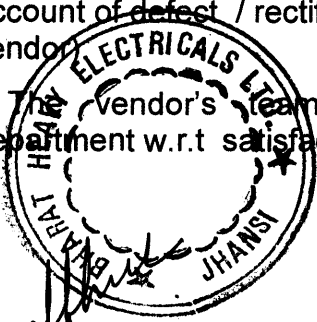
C. Terminate the contract either in part or in whole at the discretion of BHEL and recover the loss, if any, from the supplier.

If manufacturing defect is noticed in End Frame Assembly at the time of use in BHEL. BHEL shall intimate to vendor by email.

A. Vendor shall depute their team for rectification within 02 days of intimation (excluding date of intimation).

B. BHEL shall at its discretion and on advise of its quality department deduct Rs. 250 per day for the period taken by vender's team for rectification at BHEL (this period shall exclude 2 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 Tank Assembly (defect attributed to vendor).

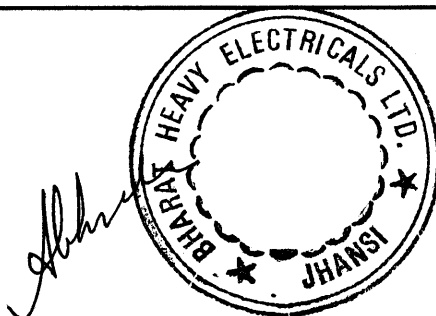
C. The vendor's team will obtain a written clearance from quality department w.r.t satisfactory Completion of rectification work.



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Schedule -V

3. **Risk Purchase** : 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.
4. **Penalty/LD Clause**: 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 delayed order value.
5. **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.
6. **JURISDICTION** : All suits or any matters arising out of the P.Os based on the rate contract shall lie in Jhansi Courts only.
7. **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.
8. **WEIGHT VARIATION** : Wherever purchase order stipulates payments on the basis of weight of the supplies, the order will specify the design weight. In case of change in WEIGHT / DESIGN during execution of the order, maximum +/- 5% variation shall be allowed for payment purpose. For more than 5% (Variation in welding and painting etc) Variation matter may be referred to design for examine / correction in weight.
9. Terms & conditions pre-printed on the reverse of our Tender Enquiry shall also be applicable.



Signature of bidder :
Name :
Designation :
Seal of company :

Ref: E3569012

Schedule -VI

Techno Commercial Bid

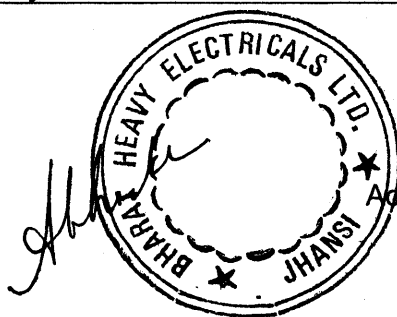
(Bidder should fill up this bid by putting the tick in accepted / non accepted column)

BIDDER'S NAME & ADDRESS:-

.....

COMMERCIAL PART.

1	Capacity reserved for BHEL Jhansi in MT per month for this Tender.	 MT Per Month
2	Capacity reserved for BHEL Jhansi in MT per annum for this Tender.	 MT Per Annum
3	Present rate of Excise duty	%
4	Present rate of CST / VAT	%
5	Validity of the rate contract shall be two year from the date of finalization for ordering & <u>3 months</u> thereafter for supply.	Accepted / Not accepted
6	Price variation clause shall be as per Para 2 of Schedule IV.	Accepted / Not accepted
7	Taxes and duties shall be extra as applicable on the date of actual delivery.	Accepted / Not accepted
8	LD/ Penalty clause shall be as per Para 4 of schedule V is acceptable to us.	Accepted / Not accepted
9	Rates quoted in the price bid are on F.O.R. Jhansi basis.	Accepted / Not accepted
10	Delivery Period will be (required on FOR BHEL Jhansi basis), within 7 weeks from date of issue of purchase order with main drawings (Drawing called in purchase order description are treated as main drawings). Supplier to study these main drawings within 2 weeks of issue of purchase order and also requested to obtain all required drawings called within main drawings. It is responsibility of suppliers to obtain all required drawings from BHEL immediately.	Accepted / Not accepted

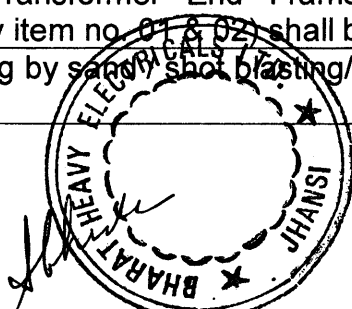


Ref: E3569012

		<u>Schedule-VI</u>
11	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 terms & condition given in this tender are acceptable to us.	Accepted / Not accepted
12	Rates is to be quoted fully finish basis as per scope of supply mentioned in schedule III, Para -1 of the tender documents .Hot Dip Galvanizing./ Electro Plating.	Accepted / Not accepted
13	Quantity distribution shall be as per manner of splitting as per clause 7 of schedule IV of this tender.	Accepted / Not Accepted
15	In case of Reverse Auction, Please confirm that you will participate in reverse auction. (Non acceptance to this clause may liable to rejection your offer). <i>Bidders to submit online sealed bid less than or equal to Online sealed price bid filled in the e procurement portal while submitting the offer already submitted to BHEL</i>	Accepted / Not Accepted

TECHNICAL PART

A	<u>Material</u>	
A1	Item to be manufactured as per BHEL Drawing mentioned in purchase orders.	Accepted / Not accepted
B.	<u>Scope of Work.</u>	
B1.	The scope of work covered in this enquiry is fabrication of Dry Type Transformer End Frame, Roller Assembly etc. (enquiry item no. 01 & 02) as per our typical drawing NO i.e. for enquiry item no.1 ROLLER ASSY TO DRG NO-24993750014 REV 01,E/F ASSY TO DRG 14737050052 REV 00,FOOT ASSY TO DRG-34737050017 REV-01 & etc DTT. ELECTRO PLATED AS PER I:S 1573 and for enquiry item no.2 ROLLER TO DRG NO 24993750014 REV-01 End Frame TO DRG -14997050015 REV 15&FOOT ASSY TO DRG NO-34737050012/10 etc DTT.HOT DIP GALV.AS PER I:S 4759 on fully finish basis using own material in all respects. The Dry Type Transformer End Frame, Roller Assembly etc. (enquiry item no. 01 & 02) shall be supplied in duly sand / shot blasted & Electro – Galvanized (as per IS : 1573) / Hot Dip Galvanized condition (as per IS : 4759). The Dry Type Transformer End Frame, Roller Assembly etc. (enquiry item no. 01 & 02) shall be inspected by BHEL.	Accepted / Not accepted
B2.	Cleaning by sand shot blasting/ pickling as per BHEL Spec.	Accepted / Not accepted



Ref: E3569012

Schedule -VI

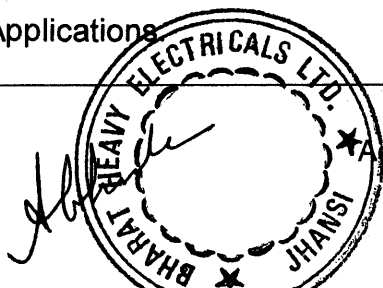
B3.	Bending & pre machining wherever required will be done by the supplier and no facility will be extended by BHEL. However if facility is not available, the same may be provided by BHEL on chargeable basis	Accepted / Not accepted
B4.	WPS, PQR & WQR shall be followed As per quality plan.	Accepted / Not accepted
B5.	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
B6.	The validity of quotation shall be for a period of 120 days from the opening date of tender.	Accepted / Not accepted
B7.	Rate to be quoted on fully finish basis & per kg. Basis Only including machining, drilling, tapping, painting etc.	Accepted / Not accepted
B8.	Order will be placed on you after finalization of this R/C as and when the requirement comes.	Accepted / Not accepted
B9.	Delivery terms shall be FOR BHEL Jhansi only. Ex works delivery shall not be considered. The offer received Ex-works basis will be rejected straightway.	Accepted / Not accepted
B10.	Inspection by BHEL / BHEL nominated agency at your works	Accepted / Not accepted
B11.	All facilities required for fabrication & testing are to arranged by the vendor themselves	Accepted / Not accepted
C.	<u>Workmanship</u>	
C1.	To ensure desired aesthetic all sharp points cut edges, dents etc. shall be grounded smooth. Wherever radius or rounded off is called in drawings, it should be ground as per drawings without any surface defect.	Accepted / Not accepted
C2.	Electroplating and Hot Dip Galvanizing & related quality checks shall be done as per process specification called in the drawings. / 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
D.	<u>Inspection requirement</u>	
D1.	Stage wise inspection shall be carried out as per job requirement	Accepted / Not accepted
D2.	QA Plan enclosed / supplied along with MID/Order to be followed	Accepted / Not accepted

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Schedule -VI

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. All Co-ordination with inspection agencies to be done by supplier	Accepted / Not accepted
D5.	You will keep a log book of paint recording where you have to record various parameters of records like supplier's name, batch no, date of supply, date of expiry, checking of viscosity etc. so that control of paint is maintained.	Accepted / Not accepted
E	<u>Cleaning & Painting</u>	
E1.	Cleaning, Degreasing, Sand / Shot Blasting, Electroplating & Hot Dip Galvanizing to be done as per specification.	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
F.	<u>Shipping Instructions</u>	
F1.	Material to be dispatched in single lot.	Accepted / Not accepted
G.	<u>General</u>	
G1.	All Terms and Conditions for purchase enquiry printed overleaf are accepted to us.	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. Facilities such as testing, machining as per clause 1.0 of Schedule III will be arranged by the vendor themselves.	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 / HDG / Electro Plating Applications	Accepted / Not accepted



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Schedule -VI

G6.	Supplier has to collect Drawings and MID's from TRE/TRP on intimation by BHEL and takes necessary material procurement/ manufacturing action as required.	Accepted / Not accepted
-----	---	-------------------------

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

I. Contact detail of vendor:-

I1. Contact Person :

.....

I2. Mobile no.

.....

I2. Telephone No :

.....

I3. Fax No :

.....

I4. E mail Id :

.....

Signature of Bidder:

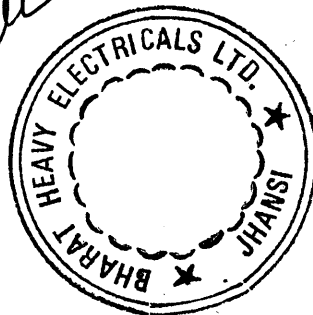
Name :

Designation :

Seal :

Signature of Supplier:

[Handwritten Signature]

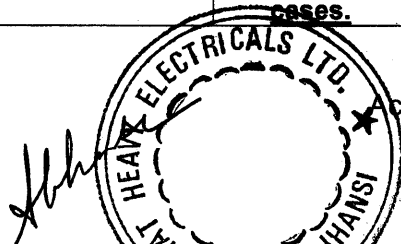


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Schedule -VII

**Business Rule of Reverse Auction for the procurement of DTT END FRAME
ASSY. and ASSOCIATED PARTS on Finish basis as per the agreed Technical
Specification against the Tender No. E3569012 DTD xxxxxxxxxxxx**

Buyer Name	Name of BHEL Unit : BHEL Jhansi - Full postal address: PO BHEL Jhansi (UP) 284120 - Fax: 0510-2412120 - Phone: 0510-2412459 - Contact person name: M L Ahirwar, DGM/MM - Phone: 0510-2412459 - Email: mlahirwar@bheljhs.co.in And - Contact person name: Abhishek, Sr PO/MM - Phone: 0510-2412716 - Email: achoubey@bheljhs.co.in
Auction to be conducted by	Name of Service Provider: M/s BOB eProcure Solutions Pvt. Ltd - Full postal address : #4, 100 ft Ring Road, BTM Stage 1, Phase 1, Bangalore-5600 - Fax: 080-4200 1251 / 4900 0211 - Phone: 080-4900 0213/49000212 - Contact person name: Ms R Marita/ Mr G Chaitanya - Phone: 9739490066/ 9902376044 - Email: marita.ravi@bobeprocure.com/ chaitanya.gavara@bobeprocure.com -Website: www.bobeprocure.com -URL : http://bhel.bobeprocure.in
Date of Auction	Date of Auction : - Online sealed bid auction time: 14.00 Hrs to 14.30 Hrs - Online reverse auction time: 15.00 Hrs to 15.00 Hrs - Online auction website:
Documents Attached: (To be sent to the bidders)	1) Business rules for Reverse Auction (Annexure-I) 2) Process Compliance Form (Annexure-III) 3) Details of item(s) to be Reverse Auctioned (Annexure-V) 4) Post RA Price confirmation by bidder (Annexure-VI)
SPECIAL INSTRUCTIONS	1) Bidders to submit online sealed bid less than or equal to their envelope sealed bid already submitted to BHEL. 2) Bidding in the last minutes and seconds should be avoided in the bidders own interest. Neither the BOB eProcure Solutions Pvt. Ltd nor BHEL will be responsible for any lapses / failure on the part of the vendor, in such cases.



Ref: E3569012

GENERAL TERMS & CONDITIONS OF REVERSE AUCTION

Business Rules for Reverse Auction

This has reference to tender no **E3569012** datedXXXXXX. BHEL may finalise the Rates for the supply of ESP Transformer tanks for NTPC projects on finish basis through Reverse Auction mode. BHEL has made arrangement with M/s. BOB eProcure Solutions Pvt. Ltd, who shall be BHEL's authorized M/s BOB eProcure Solutions Pvt. Ltd for the same. Bidders should go through the instructions given below and submit acceptance of the same.

The technical & commercial terms are as per (a) BHEL Tender Enq. No. E3569012 dated xxxxxxxxxx, (b) Bidders' technical & commercial bid (in case of two part bid) and (c) subsequent correspondences between BHEL and the bidders, if any.

1. Procedure of Reverse Auctioning

- I. **Online Sealed Bid:** This duration of online sealed bid will be **30minutes**. All bidders to submit their online sealed bids during this period.
- II. **Online Reverse Auction:** The 'opening price' i.e. start price for RA and 'bid decrement' will be decided by BHEL.
- III. If BHEL decides the lowest online sealed bid as the starting price, then the lowest bidder in online sealed bid shall be shown as current L1 automatically by the system and no acceptance of that price is required. System shall have the provision to indicate this bid as current L1.
- IV. Bidders by offering a minimum bid decrement or the multiples thereof can displace a standing lowest bid and become "L1" and this continues as an iterative process.
- V. After the completion of the online reverse auction, the Closing Price (CP) shall be available for further processing.

2. Schedule for Reverse Auction: The Reverse Auction is tentatively scheduled on -----(shall be intimated later) and the duration of online sealed bid will be **30 minutes**. All bidders to submit their online sealed bids during this period.

- Online Sealed Bid:-

- **Start Time:14.00 Hrs**
- **Close Time:14.30 Hrs**

- Online Reverse Auction:-

- **Start Time:15.00 Hrs**
- **Close Time:16.00 Hrs**

3. Auction extension time: If a bidder places a bid in the last **05 minutes** of closing of the Reverse Auction and if that bid gets accepted, then the auction's duration shall get extended automatically for another **05 minutes**, for the entire auction (i.e. for all the items in the auction), from the time that bid comes in. Please note that the auto-extension will take place only if a bid comes in those last **05 minutes** and if that bid gets accepted as the lowest bid. If the bid does not get accepted as the lowest bid, the auto-extension will not take place even if that bid might have come in the last **05 minutes**. In case, there is no bid in the last **05 minutes** of closing of Reverse Auction, the auction shall get closed automatically without any extension. However, bidders are advised not

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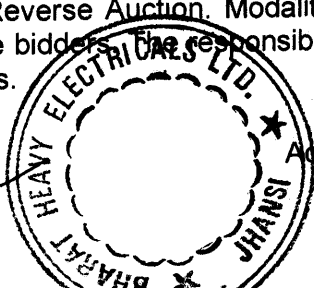
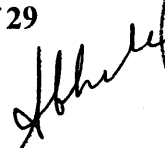
to wait till the last minute or last few seconds to enter their bid during the auto-extension period to avoid complications related with internet connectivity, network problems, system crash down, power failure, etc.

The above process will continue till completion of Reverse Auction

Schedule -VII

Complaints/ Grievances, if any, regarding denial of service or any related issue should be given in writing thru e-mail/ fax to M/s. BOB eProcure Solutions Pvt. Ltd with a copy to BHEL within **15** minutes prior to initial closing time of Online Reverse Auction.

4. **Bid price:** The Bidder has to quote the FOR Jhansi Landed Price (Net of CENVAT/ VAT) inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, ED + cess, CST against C-form, Freight (bidder to provide original Freight paid receipt), insurance charges, etc. including loading (if indicated by BHEL due to deviations in technical/ commercial terms) for the Items specified. Details are as shown in Excel Sheet for calculation of total cost to BHEL (To be specified by Unit as per NIT conditions).
5. **Bidding currency and unit of measurement:** Bidding will be conducted in *Indian Rupees per Unit* of the material as per the specifications mentioned in E3569012. In case of foreign currency bids, exchange rate (TT selling rate of State Bank of India) as on scheduled date of tender opening (Part-I bid) shall be considered for conversion in Indian Rupees. If the relevant day happens to be a Bank holiday, then the forex rate as on the previous bank (SBI) working day shall be taken.
6. **Validity of bids:** Price shall be valid for **90 days** from the date of reverse auction. These shall not be subjected to any change whatsoever.
7. **Lowest bid of a bidder:** In case the bidder submits more than one bid, the lowest bid at the end of Online Reverse Auction will be considered as the bidder's final offer to execute the work.
8. Bidders shall be assigned a **Unique User Name & Password** by M/s. BOB eProcure Solutions Pvt. Ltd. Bidders are advised to change the Password and edit the information in the Registration Page after the receipt of initial Password from M/s. BOB eProcure Solutions Pvt. Ltd to ensure confidentiality. All bids made from the Login ID given to the bidders will be deemed to have been made by the bidders/ bidders' company.
9. **Post auction procedure:** BHEL will proceed with the Lowest Bid in the Reverse Auction for further processing.
10. Any commercial/ technical loading shall be intimated to bidders prior to RA. The excel sheet provided in this regard shall cover all these aspects. Commercial/ technical loading if any, shall be added by the respective bidder in its price during online sealed bid & Online Reverse Auction. Modalities of loading & de-loading shall be separately intimated to the bidders. The responsibility for correctness of total cost to BHEL shall lie with the bidders.



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11. Computerized reverse auction shall be conducted by BHEL (through M/s. BOB eProcure Solutions Pvt. Ltd), on pre-specified date, while the bidders shall be quoting from their own offices/ place of their choice. Internet connectivity shall have to be ensured by bidders themselves.

During the RA process if a bidder is not able to bid and requests for extension of time by FAX/ email/ phone then time extension of additional **15 minutes** will be given by the BOB eProcure Solutions Pvt. Ltd provided such requests come before **5 minutes** of auction closing time. However, only one such request per bidder can be entertained.

Despite this extension if bidder fails to upload his prices due to extreme case of failure of Internet connectivity, (due to any reason whatsoever may be) it is the bidders' responsibility/ decision to send fax communication immediately to M/s. BOB eProcure Solutions Pvt. Ltd, furnishing the price the bidder wants to bid online with a request to the Service Provider to upload the faxed price online so that the Service Provider will upload that price online on behalf of the Bidder. It shall be noted clearly that the concerned bidder communicating this price Service Provider has to solely ensure that the fax message is received by the Service Provider in a readable/ legible form and also the Bidder should simultaneously check up with Service Provider about the clear receipt of the price faxed. It shall also be clearly understood that the bidder shall be at liberty to send such fax communications of prices to be uploaded by the Service Provider only within the closure of Bid time and under no circumstance it shall be allowed beyond the closure of Bid time /reverse auction. It shall also be noted that the Service Provider should be given a reasonable required time by the bidders, to upload such prices online and if such required time is not available at the disposal of the Service Provider at the time of receipt of the fax message from the bidders, Service Provider will not be uploading the prices and either BHEL or the Service Provider are not responsible for this unforeseen circumstances. In order to ward-off such contingent situation bidders are requested to make all the necessary arrangements/ alternatives whatever required so that they are able to circumvent such situation and still be able to participate in the reverse auction successfully. Failure of power or loss of connectivity at the premises of bidders during the Reverse auction cannot be the cause for not participating in the reverse auction. On account of this, the time for the auction cannot be extended and neither BHEL nor M/s. BOB eProcure Solutions Pvt. Ltd is responsible for such eventualities.

12. **Proxy bids:** Proxy bidding feature is a pro-bidder feature to safeguard the bidder's interest of any internet failure or to avoid last minute rush. The proxy feature allows bidders to place an automated bid in the system directly in an auction and bid without having to enter a new amount each time a competing bidder submits a new offer. The bid amount that a bidder enters is the minimum that the bidder is willing to offer. Here the software bids on behalf of the bidder. This obviates the need for the bidder participating in the bidding process until the proxy bid amount is decrementally reached by other bidders. When proxy bid amount is reached, the bidder (who has submitted the proxy bid) has an option to start participating in the bidding process.

The proxy amount is the minimum amount that the bidder is willing to offer. During the course of bidding, the bidder cannot delete or change the amount of a proxy bid.

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Schedule -VII

Bids are submitted in decrements (decreasing bid amounts). The application automates proxy bidding by processing proxy bids automatically, according to the decrement that the auction originator originally established when creating the auction, submitting offers to the next bid decrement each time a competing bidder bids, regardless of the fact whether the competing bids are submitted as proxy or standard bids. However, it may please be noted that if a manual bid and proxy bid are submitted at the same instant manual bid will be recognized as the L1 at that instant.

In case of more than one proxy bid, the system shall bid till it crosses the threshold value of 'each lowest proxy bid' and thereafter allow the competition to decide the final L1 price.

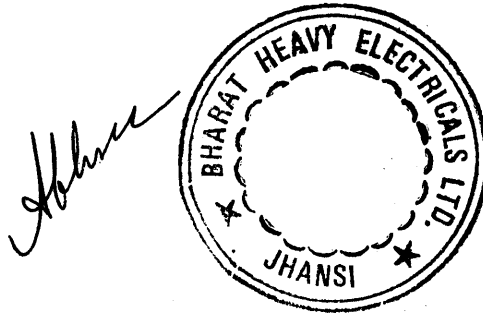
Proxy bids are fed into the system directly by the respective bidders. As such this information is privy only to the respective bidder(s).

13. Bidders are advised to get fully trained and clear all their doubts such as refreshing of screen, quantity being auctioned, tender value being auctioned etc from M/s. *BOB eProcure Solutions Pvt. Ltd.*
14. M/s. *BOB eProcure Solutions Pvt. Ltd.* shall arrange to demonstrate/ train the bidder or bidder's nominated person(s), without any cost to bidders. M/s. *BOB eProcure Solutions Pvt. Ltd.* shall also explain the bidders, all the business rules related to the Reverse Auction. Bidders are required to submit their acceptance to the terms/ conditions /modalities before participating in the Reverse Auction in the process compliance form as enclosed. Without this, the bidder will not be eligible to participate in the event.
15. Successful bidder shall be required to submit the final prices (L1) in prescribed format (Annexure-VI) for price breakup including that of line items, if required, quoted during the Online Reverse Auction, duly signed and stamped as token of acceptance without any new condition (other than those already agreed to before start of auction), after the completion of auction to M/s. *BOB eProcure Solutions Pvt. Ltd.* besides BHEL within two working days of Auction without fail.
16. Any variation between the final bid value and that in the confirmatory signed price breakup document will be considered as tampering the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings (as available on www.bhel.com).
17. Bidders' bid will be taken as an offer to execute the work/ supplies of the item as per enquiry no. E3569012 dt. xxxxxxxxxx. Bids once made by the bidder, cannot be cancelled/ withdrawn and bidder shall be bound to execute the work as mentioned above at bidder's final bid price. Should bidder back out and not execute the contract as per the rates quoted, BHEL shall take action as per extant guidelines for suspension of business dealings (as available on www.bhel.com).
18. Bidders shall be able to view the following on their screen along with the necessary fields during Online Reverse Auction:
 - a. Leading (Running Lowest) Bid in the Auction (only total price of package).
 - b. Bid Placed by the bidder
 - c. Start Price.

Schedule -VII

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- d. Decrement value.
e. Rank of their own bid during bidding as well as at the close of auction.
19. BHEL's decision on award of contract shall be final and binding on all the Bidders.
20. BHEL reserves the right to extend, reschedule or cancel the Reverse Auction process at any time, before ordering, without assigning any reason, with intimation to bidders.
21. BHEL shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause. In such cases, the decision of BHEL shall be binding on the bidders.
22. Other terms and conditions shall be as per bidder's techno-commercial offers and other correspondences, if any, till date.
23. If there is any clash between this business document and the FAQ available, if any, in the website of M/s. *BOB eProcure Solutions Pvt. Ltd*, the terms & conditions given in this business document will supercede the information contained in the FAQs. Any changes made by BHEL/ BOB eProcure Solutions Pvt. Ltd (due to unforeseen contingencies) after the first posting shall be deemed to have been accepted if the bidder continues to access the portal after that time.
24. Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party. 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 for suspension of business dealings (as available on www.bhel.com), shall be initiated by BHEL.



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Annexure – III

Process Compliance Form

(The bidders are required to print this on their company's letterhead and sign, stamp before RA)

To

- M/s. {BOB eProcure Solutions Pvt. Ltd
#4, 100 ft Ring Road,
BTM Stage 1, Phase 1, Bangalore-5600

Sub: Agreement to the Process related Terms and Conditions

Dear Sir,

This has reference to the Terms & Conditions for the Reverse Auction mentioned in the RFQ document for {Items} against BHEL enquiry/ RFQ no.E3569012 dtd. xxxxxxxxxx

This letter is to confirm that:

- 1) The undersigned is authorized official/ representative of the company to participate in RA and to sign the related documents.
- 2) We have studied the Reverse Auction guidelines (as available on www.bhel.com), and the Business rules governing the Reverse Auction as mentioned in your letter and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the auction tool and have understood the functionality of the same thoroughly.
- 4) We also confirm that, in case we become L1 bidder, we will FAX/ email/ the price confirmation & break up of our quoted price (including that of line items) as per Annexure-VI within two working days (of BHEL) after completion of RA event, besides sending the same by registered post/ courier both to M/s. BHEL and M/s. BOB eProcure Solutions Pvt. Ltd .
- 5) We also confirm that in case we become L1 bidder, the envelope sealed price bid submitted by us shall be opened by BHEL and we agree to accept the lower of the two bids (RA closing price & envelope sealed price) for placement of order and we have understood that in case online sealed bid placed by us is found higher than envelope sealed price bid submitted by us, then BHEL may take action as stipulated in NIT.

We, hereby confirm that we will honour the Bids placed by us during the auction process.

With regards

Signature with company seal.....

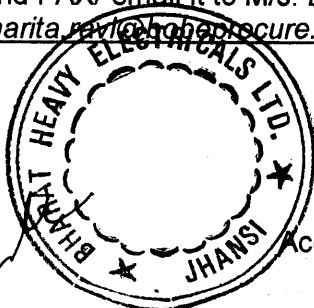
Name –.....

Company / Organization.....

Designation within Company / Organization.....

Address of Company / Organization.....

- Sign this document and FAX/ email it to M/s. BOB eProcure Solutions Pvt. Ltd at **080-4200 1251 / 4900 0211** or marita.rev@bobeprocure.com / chaitanya.gavara@bobeprocure.com prior to start of the Event.



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Schedule -VII

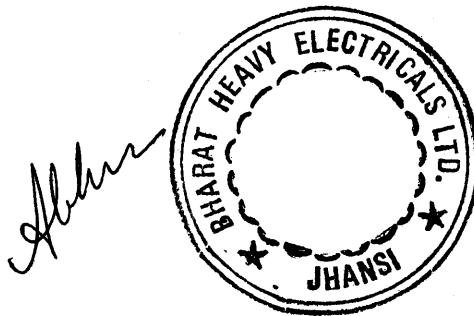
Annexure – V

Details of item (s) for Reverse Auction

Procurement of DTT END FRAME ASSY AND ASSOCIATED PARTS against Tender Enquiry No. E3569012 dated xxxxxxxxxx

Enq. # no.	Item Description	Qty.
1	ROLLER ASSY TO DRG NO-24993750014 REV 01,E/F ASSY TO DRG 14737050052 REV 00,FOOT ASSY TO DRG-34737050017 REV-01 & etc DTT. ELECTRO PLATED AS PER I:S 1573.	300 sets / 300.00 MT $\pm$ 30 %
2	ROLLER TO DRG NO 24993750014 REV-01 End Frame TO DRG -14997050015 REV 15 &FOOT ASSY TO DRG NO-34737050012/10 etc DTT.HOT DIP GALV.AS PER I:S 4759.	50 sets / 50.00 MT $\pm$ 30 %

The offers of all the bidders are technically & commercially frozen as submitted by the bidders and clarified in subsequent correspondence, if any, with the bidders.



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Schedule -VII

Annexure – VI

RA price confirmation and breakup

(To be submitted by L1 bidder after completion of RA)

To

- M/s. {BOB eProcure Solutions Pvt. Ltd
#4, 100 ft Ring Road,
BTM Stage 1, Phase 1, Bangalore-5600

Sub: Final price quoted during Reverse Auction and price breakup

Dear Sir,

We confirm that we have quoted:

Rs. _____/Kg_ in value & in words Rs. _____per
Kgs_ for item(s) covered under tender enquiry No. E3569012 dt.xxxxxxxxxx

Total price of the items covered under above cited enquiries is inclusive of {Packing & forwarding, E.D. , C.S.T. , freight and insurance charges up to BHEL Jhansi , Jhansi District, UP State and Type Test Charges etc., (exclusive of service tax), other as per NIT} as our final landed prices as quoted during the Reverse Auction conducted today {.....} which will be valid for a period of 90 day (in words Ninety days).

The price break-up including that of line items is as given below.

=====

Total - Rs..... in value & in words.....

=====

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

Yours sincerely,

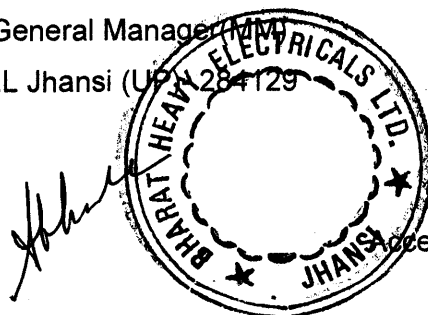
For _____

Name:.....

Company:.....

Date:.....

CC: The Dy General Manager (MM)
M/s BHEL Jhansi (UP-284129)



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SCHEDULE-VIII

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

(a)- JPC market steel price (retail) declared =Rs. 40.00 per kg (JPC rate enclosed)
in beginning of Dec-2016 for Delhi including Excise Duty & VAT

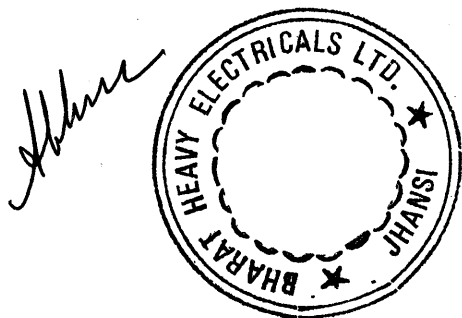
(b)- Present rate of Excise Duty =@ 12.5 %

(c)- Present rate of VAT for Delhi =@ 5 %

(d)- Therefore JPC price excluding VAT = JPC price (retail) for Delhi including ED &
ED & VAT (1.125 x 1.05)

$$= \frac{40.00}{(1.125 \times 1.05)}$$

= Rs 33.86 per kg



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Schedule -VIII

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

DATE : 08TH DECEMBER 2016

JPC MARKET PRICE (RETAIL) AS ON 01-DEC-2016

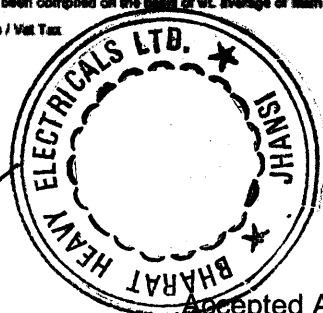
Sl.	ITEM	Kolkata	Delhi	Mumbai	Chennai
1	PIG IRON	25784	30000	28000	18375
2	BILLETS 100 MM	25780	27400	27000	30798
3	BLOOMS 150X150 MM	27900	27822	28000	28625
4	PENCL INGOTS	26375	25300	25734	27300
5	WIRE RODS 8 MM	34571	34783	42789	38675
6	WIRE RODS 8 MM	34571	34783	42525	38650
7	ROUNDS 12 MM	32744	34054	36572	33000
8	ROUNDS 16 MM	38187	34854	38000	33000
9	ROUNDS 25 MM	38140	34827	38000	33040
10	TMT 10 MM	31957	34674	33781	35801
11	TMT 12 MM	31787	34340	33540	35801
12	TMT 25 MM	38875	34804	33000	35451
13	ANGLES 60X60X6 MM	34000	32001	34000	38811
14	ANGLES 75X75X6 MM	34541	32001	34000	34042
15	JOISTS 120X70 MM	34272	34333	41700	33803
16	JOISTS 200X100 MM	34230	34823	38000	35722
17	CHANNELS 75X40 MM	38800	32000	34872	38394
18	CHANNELS 150X75 MM	38215	32773	36770	35367
19	PLATES 6 MM	33600	40000	38375	41730
20	PLATES 10 MM	37000	40000	38000	42203
21	PLATES 12 MM	37300	40000	38000	42700
22	PLATES 25 MM	37000	40000	38300	42700
23	H. R. COILS 2.00 MM	38800	41000	46103	43575
24	H. R. COILS 2.50 MM	38933	40500	38000	42525
25	H. R. COILS 3.15 MM	38800	40500	40000	43000
26	C. R. COILS 0.63 MM	48200	40000	44303	47775
27	C. R. COILS 1.00 MM	47000	40000	44000	48000
28	G. P. SHEETS 0.40 MM	54000	53000	47200	61103
29	G. P. SHEETS 0.63 MM	52500	51000	47013	61000
30	G. C. SHEETS 0.40 MM	50000	52000	47200	60630
31	G. C. SHEETS 0.63 MM	53000	50000	47513	60000
32	MELTING SCRAP H M S - I	18750	18500	22303	19425
33	MELTING SCRAP H M S - II	18000	18000	25783	18000
34	SPONGE IRON (COAL BASED)	18000	17000	19300	17325

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

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

3) All prices are as on day 01 of this month.

4) Prices are indicative.



प्रधान कार्यकारी अधिकारी
Pradhan Karmachari (Pradhan)
अधीक्षक (उप प्रबंधन विभाग)
अधीक्षक (उप प्रबंधन विभाग)
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BHARAT HEAVY ELECTRICALS LIMITED
(A Govt of India undertaking)
MATERIALS MANAGEMENT (MM), JHANSI - 284129

TENDER ENQUIRY NO: E3569012

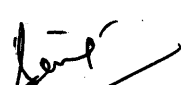
DATE: 28.12.2016

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 FOR THE BIDDERS

SI	Description of Qualifying requirement	Copy encl.									
1.	Average Annual financial turnover during the last three years, ending 31st March of the previous financial year, should be at least 15.28 lakhs approx. The bidder to fill the turnover details as per the format given below: <table border="1"><thead><tr><th>Financial Year</th><th>To be filled by Bidder Turnover (lakhs)</th></tr></thead><tbody><tr><td>2015-16</td><td></td></tr><tr><td>2014-15</td><td></td></tr><tr><td>2013-14</td><td></td></tr></tbody></table>	Financial Year	To be filled by Bidder Turnover (lakhs)	2015-16		2014-15		2013-14			
Financial Year	To be filled by Bidder Turnover (lakhs)										
2015-16											
2014-15											
2013-14											
	<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>	Yes	No								
2	Work Experience The bidder must have successfully completed at least 18 sets and 19.43MT of similar jobs during last three years (ending last day of month previous to the one in which applications are invited). Similar Jobs means - Dry Type Transformer End frame / ACEMU Main End frame / Single phase Freight loco trfr End frame /3 phase freight loco trfr main End frame/ Power Transformer End frame/ ESP trfr main End frame/ Fabricated Channels for Transformers. 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: <table border="1"><thead><tr><th rowspan="2">Similar Jobs executed in last three years (ending last day of month previous to the one in which applications are invited).</th><th colspan="2">To be filled by Bidder</th></tr><tr><th>No of jobs</th><th>Tonnage (MT)</th></tr></thead><tbody><tr><td>Total tonnage executed</td><td></td><td></td></tr></tbody></table>	Similar Jobs executed in last three 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 three 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											

No.   28.12.16



12

BHARAT HEAVY ELECTRICALS LIMITED
(A Govt of India undertaking)
MATERIALS M SCHEDULE-IB JHANSI - 284129

TENDER ENQUIRY NO: E3569012

DATE: 28.12.2016

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><tr><th>Supplies made to</th><th>Documentary Proof to be attached</th><th>Bidder to Tick '✓' whichever is applicable</th></tr><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></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 as per Annexure B to Schedule I 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 as per Annexure C to Schedule I to be mandatorily filled and submitted														
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	PAN Number of Supplier	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: E3569012

DATE: 28.12.2016

'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 (Dry Type Transformer End frame / ACEMU Main End frame / Single phase Freight loco trfr End frame / 3 phase freight loco trfr main End frame/ Power Transformer End frame/ ESP trfr main End frame/ Fabricated Channel for Transformers.									
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
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
10									Yes No

28/12/16
 28/12/16
 28-12-16
 28/12/16

ANNEXURE A1 TO SCHEDULE I

TENDER ENQUIRY NO: E3569012

DATE: 28.12.2016

'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 (Dry Type Transformer End frame / ACEMU Main End frame / Single phase Freight loco trfr End frame / 3 phase freight loco trfr main End frame/ Power Transformer End frame/ ESP trfr main End frame/ Fabricated Channel for Transformers.									
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
11									Yes No
12									Yes No
13									Yes No
14									Yes No
15									Yes No
16									Yes No
17									Yes No
18									Yes No
19									Yes No
20									Yes No
TOTAL									

We agree that our bid is liable to be rejected in case of incomplete data / false declarations.

for 28/12/16

[Signature] 28/12/16

[Signature]

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

for 28.12.16

9

ANNEXURE A2 TO SCHEDULE I

TENDER ENQUIRY NO. E3569012

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)

[Signature]
28/12/16

[Signature]
28/12/16

[Signature]
28-12-16

[Signature]



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

TENDER ENQUIRY NO: E3569012

DATE: 28.12.2016

ANNEXURE B TO SCHEDULE I

PROFORMA FOR COMPLIANCE TO MANDATORY RESOURCE REQUIREMENTS

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

QUALIFYING REQUIREMENTS FOR THE BIDDERS

SI	Requirements	To be filled in by Bidder			
A	General				
1	Covered Shed with concrete floor for assembly and fabrication (Minimum area 150 sq.m)	Available Area (sqm)			
B	Manpower				
2	Minimum ONE 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
3	Fitter (Minimum one required)	Number Available			
4	Technical staff for reading and understanding the technical documents & inspection of jobs (Min. one employee with ITI or Diploma in Engg)	Name			
		Qualification(s)			
C	Working Facilities				
5	Welding Machines (SMAW / GMAW / FCAW) - Minimum ONE number	Make			
		Rating (KVA)			
		Number Available			
6	Portable Hand Grinding Machines (Minimum ONE number)	Number Available			
7	Electro Plating facilities with tanks size 3.0 Meter Length x 0.5 Meter Width	Whether Available?	Size		
		Yes/ No			
8	Electrode Heating Oven with temperature controller (Min one no)	Number Available			
		Capacity (Kgs)			



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

TENDER ENQUIRY NO: E3569012

DATE: 28.12.2016

ANNEXURE B TO SCHEDULE I

PROFORMA FOR COMPLIANCE TO MANDATORY RESOURCE REQUIREMENTS

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

SI	Requirements	To be filled in by Bidder		
F	Instruments			
9	Plating thickness measuring instrument (Measurement range between 0 - 100 microns.)	Range (upto __ microns)		
10	Vernier Callipers (Calibration from Government accredited agency)	Number Available		
		Range		
		Whether Calibrated	Yes	No
11	Measuring Tape (Calibration from Government accredited agency)	Number Available		
		Size (mm)		
		Whether Calibrated	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. BHEL reserve the right to verify/inspect the Mandatory Resources declared by the Bidder at any point of time without prior information.

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