



Bharat Heavy Electricals Limited

Tender No. : BHEL/CSU/12-13/Packing/01

Date: 26/03/2012

TENDER NOTICE

Sealed Tenders are invited in two part bid system, for the following work from reputed/experienced parties for the work given below:-

01. Name of Work:-

1. Supply of wooden packing boxes for stampings.
2. Packing of stamping in the boxes.

02. Cost of Tender: - NIL

03. Earnest Money (EMD): Rs.2,00,000/- (Rupees Two Lakhs only)

04. Date/ time of Collection of Tender document: -

Tender document can be downloaded from www.bhel.com on and before 17/04/2012, 2.00 PM.

05. Opening of Tech. / comm. bid: - 17/04/2012 at 3:00 PM at Administrative Block of CSU Jagdishpur

06. Acceptance of Tender: -

Before the opening time & in the Tender Box kept in the Administrative block of CSU Jagdishpur, BHEL , Industrial Area Jagdishpur Distt. CSM Nagar (formerly Sultanpur) - PIN-227817 U.P.

(K D Pandey)
AGM-CSU
BHEL Jagdishpur

- ANNEXURE – 1: General terms & conditions
ANNEXURE – 2: Technical/ commercial conditions
ANNEXURE – 3: Price bid
ANNEXURE – 4: Specification HY51463 for packing wood.
ANNEXURE – 5: Reverse Auction.
ANNEXURE – 6: Performa for Security Deposit Bank Guarantee



General Terms & Conditions

The general terms & conditions are applicable to both-

- 1) Supply of wooden packing boxes for stampings.
- 2) Packing of stamping in the boxes.

01. Offer should be accompanied with Earnest Money.

02. Tender will be opened in the Administrative Building, CSU, BHEL, Industrial Area Jagdishpur, Dist. CSM Nagar, UP, PIN-227817, on the above specified date and time in the presence of those bidders who may like to be present.

03. BHEL reserves the right to reject the tender without assigning any reasons what so ever and the decision of BHEL shall be final.

04. While submitting the Tender, it will be ensured by the Tenderers that: -

- i. Techno/ Commercial Bid & the DD of Earnest Money Deposit (EMD) or copy of e-pay order (if EMD submitted through e-payment) are kept in envelope No.1. Super scribe this envelope as - "Tender Enquiry No. BHEL/CSU/12-13/Packing/01 Techno/ Commercial Bid".
- ii. Price bid is kept in envelope No.2. Super scribe this envelope as "Tender Enquiry No. **BHEL/CSU/12-13/Packing/01** Price bid".
- iii. Envelope no.1 & no.2 are kept in a bigger envelope no.3
- iv. All the papers (including the envelopes) should be signed & rubber stamped by the bidder.

05. **Earnest Money Deposit (EMD):**

a) EMD may be furnished in **any one** of the following forms:

- i) Demand Draft drawn in favour of "Bharat Heavy Electricals Limited" payable at SBI, IGFC branch (branch code: 09072), Jagdishpur, Distt. CSM Nagar (formerly Sultanpur), UP.
- ii) Through e-payment (Branch name & code- SBI, IGFC Jagdishpur, Branch code: 9072, IFSC code:SBIN0009072) to account no. 030500630600.

b) EMD by the tenderer will be forfeited if:

- i) After opening the tender, the tenderer revokes his tender within the validity period or increases his earlier quoted rates.
- ii) The tenderer does not commence the work within the period as per LOI/contract or within 15 days after award of contract.

c) EMD given by all unsuccessful tenderers shall be refunded within 15 days of acceptance of award of work by the successful tenderer.

d) EMD shall not carry any interest.



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06. Security Deposit:

- a) Security Deposit shall be collected from the successful tenderer. The rate of Security Deposit will be as below:
 - Up to Rs.10 Lakhs: 10% of order value
 - Above Rs.10 Lakhs upto Rs.50 Lakhs: Rs.1 Lakh+7.5% of amount exceeding Rs.10 Lakhs.
 - Above Rs.50 Lakhs: Rs.4 Lakhs + 5% of the amount exceeding Rs.50 Lakhs.
- b) The security Deposit shall be collected before start of the work by the contractor.
- c) Security Deposit may be furnished in **any one** of the following forms:
 - i) Demand draft drawn in favour of "Bharat Heavy Electricals Limited" payable at SBI, IGFC branch (branch code: 09072), Jagdishpur, Distt. CSM Nagar (Sultanpur), UP.
 - ii) Through e-payment (Branch name & code- SBI, IGFC Jagdishpur, Branch code: 9072, IFSC code:SBIN0009072) to account no. 030500630600.
 - iii) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format is enclosed (Annexure 6).
 - iv) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The FDR should be in the name of contractor, A/C BHEL, duly discharged on the bank.
 - v) Security deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of Security Deposit should be collected before start of the work and the balance 50% may be recovered from the running bills.
 - vi) EMD of the successful tenderer can be converted and adjusted against the security deposit.
- d) The security deposit shall not carry any interest.
- e) Security deposit shall not be refunded to the contractor except in accordance with the terms of the contract.

07. **Business/ Work Distribution:** The whole business is proposed to be distributed between 2 (Two) successful bidders, with the lowest bidder (L1) getting about 70% share and the next higher bidder (L2) getting about 30%. The L1 rates shall be offered to L2 the bidder. In case L2 does not agree with L1 rates, the L1 rates shall be offered to L3 and if L3 also refuses, whole work shall be awarded to L1 bidder. BHEL may change the distribution of work if the quality of work and/or delivery of any of the contractor are not satisfactory during execution of the contract.

08. **Evaluation criterion** – The price bid shall be evaluated based on the **total value** of work as given in Annexure-3 and L1 and L2 shall be decided on the basis of total value (i.e., Supply of boxes and packing of stampings).

09. BHEL reserves the right to go for **Reverse Auction** for evaluation of tenders (refer Annexure-5)



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010. **Qualifying Requirements:**

- a) Documentary evidence/ agreement showing that the proprietor /company have an established supply chain of packing wood of minimum **300** cubic meters per year in any of the last two preceding years.
- b) The bidder should have experience of successfully completed wooden packing work during last 7 years ending last day of month previous to this tender should be either of the following: -
 - i) Three works costing not less than 6 Lakhs.
or
 - ii) Two works costing not less than 7 Lakhs.
or
 - iii) One work costing not less than 11 Lakhs.
- c) Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 10 Lakhs. Self attested Audited Balance Sheets, Profit & Loss statements as on 31st March for last three years to be submitted in fulfilment of this criterion.
- d) The bidder should meet all statutory requirement of Central/ State Govt. Like PF, ESI, PAN, Labour License, Service Tax Registration etc. as may be applicable. Self attested photocopy of the relevant documents to be submitted by the bidder in fulfilment of this criterion.

Note: a) Above mentioned criteria should be met by the bidder himself and not by any associate bidder.

b) The bidder is required to submit documentary evidence in support of each of the above qualifying criteria

011. The contractor will submit the bill after completion of the assigned work & getting verified by BHEL. The rates quoted / awarded will be per cubic meter of wood used. The billing will be done by contractor in cubic meter of wood used.

012. The contract shall be valid for one year from date of award of work order and supply order and can be extended for One Year. BHEL reserves the right to short close the Contract any time without assigning any reason.

013. **Offer Validity:** The offer shall remain valid for **60 days** from the date of tender opening, including the tender opening date.

014. Arbitration- Any dispute arising out of this contract shall be referred to the sole arbitration of GM- CSU BHEL, Jagdishpur. Its award shall be final and binding on the parties. The venue of arbitration in all cases shall be at CSU Jagdishpur.

015. **Jurisdiction** - In case of any suit or other legal proceedings arising under or relating to the rate contract, the Jurisdiction of CSM Nagar (UP) district court shall apply.

Centralized Stamping Unit & Fabrication Plant, Jagdishpur Industrial Area, Distt. CSM Nagar (UP) 227 817, INDIA

Tel.: ++91 5361 27 1384; FAX: 27 0057; e-mail: kdpandey@bhelcsufp.in, website: www.bhel.com

Registered & Corporate Office: 'BHEL House', Siri Fort, New Delhi 110 049



Technical/ Commercial Conditions

A. Supply of wooden packing boxes for stampings

1. Technical:-

- 1.1 Wooden packing boxes are to be supplied for packing of steel sheet stampings. The stampings are in circular or segmental shape with thickness of 0.5/0.65/1.0 mm. The diameter of circular stampings will be in the range of 500mm to 1250mm. The segmental stampings will be 900/1000/1200 mm x 800/1000 mm, accordingly the base will be square or rectangular of the matching size.
- 1.2 The height of the stack will be 400mm to 800mm approximately.
- 1.3 The weight of the stampings to be packed in a box will be in the range of 1500 to 3000Kg.
- 1.4 1/2/3 stacks may be made in a packing box, depending upon the size & weight.
- 1.5 A thick card board sheet will be kept on the base before stacking of the stampings.
- 1.6 Bottom wooden members of the base will be fastened by coach bolts. Steel angles (50mm X 50mm X 100 long) at four corners are to be provided on the base for slinging.
- 1.7 The stack of stampings will have to be secured by providing the galvanized steel studs (or anti-rust coated) of matching length. The diameter of the studs should approximately match with stamping holes. Nut at the bottom of the stud will be tack welded to the stud to prevent its rotation while tightening. The top nut will be tightened using plane washer & spring washer. Sleeve of cardboard/ PVC is to provide to prevent the studs damaging the stamping edges.
- 1.8 The stack of stampings will be wrapped with VCI paper & polythene sheet & will be secured in position adhesive tape.
- 1.9 The sizes of wooden members will be - 25/50/75 X 100/150 X 700/900/1000/1100/1200 / 1400 mm approximately. The total volume of wood used for one packing box will be approximately 0.15 cubic meter. The total volume of wooden members used in one packing box will depend on size & design of the box.
- 1.10 The design of the packing box for various types of stamping will be given by BHEL design will vary from item to item & the total weight of the stampings to be packed in one box.
- 1.11 Armature punchings and such other punchings will be packed by stacking them on a wooden pallet. The stack will be wrapped with VCI paper, polythene and tied with



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steel strip and studs. Wooden members will be provided on the top to support the stack.

- 1.12 Base, sides & top cover are to be secured/ fastened with steel strips-25mm wide X 24 gauge.
- 1.13 The packing boxes will be marked with (writing on the boxes) the consignee address & other details as provided by BHEL.
- 1.14 Details of the packing wood are given in the enclosed specification HY 51463.
- 1.15 The packing box will consist of the following
 - o Base
 - o Four side panels
 - o Top cover
- 1.16 Billing will be done on the basis of the wood (Rs. Per cubic meter) used. All other charges/ consumables etc. will be included in the rate of wood used.
- 1.17 The packing boxes of different sizes will be supplied based on the packing requirement of the stampings. The contractor will maintain close liaison to assess the requirement of the packing boxes. The packing boxes will be supplied within 3 day after the information is given to the contractor for the supply of boxes. Preliminary inspection of the boxes will be carried out on receipt of the boxes at BHEL. Final inspection will be after the packing has been completed.
- 1.18 The packing boxes should be guaranteed for safe packing, handling & transportation up to the destination. The contractor will give self inspection report & guarantee certificate to this effect along with each consignment.

2. Commercial:-

- 2.1 The prices are firm.
- 2.2 CST against form C will be payable at actual.
- 2.3 Original excise duty gate pass & TAX invoice of VAT, if applicable shall be submitted by the vendor to enable purchaser to claim Cenvat credit.
- 2.4 Excise duty / Sales tax/ VAT shall be claimed separately in the bills for supplies. This shall be payable at actual.
- 2.5 The packing boxes, shall be supplied FOR, CSU BHEL Jagdishpur.
- 2.6 The title of goods shall pass on to the purchaser on FOR Terms.
- 2.7 **Terms of Payment:**
 - Payment including excise duty & CST/VAT will be made against Stores Receipt Voucher (SRV). Payment will be through e-payment mode.
 - 80 % the total cost of the boxes will be paid on receipt & acceptance of the boxes.
 - 20% the total cost of the boxes will be paid after the satisfactory receipt of the boxes at the destination.
 - Payment will be made within 30 days of the completion of the above activity and submitting the bills by the contractor.
- 2.8 **Penalty for Delay in supply:**

The delivery of the packing boxes shall be made within the time prescribed. Failure



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to supply the boxes in time as per the delivery specified would make the vendor liable to an un-conditional penalty at the rate of one half percent (1/2%) of the supply order value per week (or part thereof) subject to a maximum of ten percent (10%) of the supply order value.

Deduction from bills will also be made in case of quality deficiency of the packing boxes.

2.9 Invoices and payment documentation:

- i) Invoices shall be issued by the supplier in the name of the purchaser.
- ii) The invoices shall contain the following information:
 - a) Item no. quantity and description of equipment as per purchase order.
 - b) Gross amount payable and net amount payable.
 - c) Taxes and duties payable.
 - d) Tax Registration Nos.

The following documents shall be presented by the supplier to the purchaser for drawing payment:

- Signed commercial invoice in quadruplicate.
- LR (or equivalent document).
- Packing list.

2.10 Dispatch Instructions:

The consignee shall be as follows: -

Stores officer

Centralized Stamping Unit

Bharat Heavy Electricals Limited

Industrial Area Jagdishpur, Dist. CSM Nagar (UP), PIN - 227817.

B. Packing of stamping in the boxes

1. Technical

1.1 Stacking & packing of the stampings in the wooden boxes.

1.2 Items-Studs, nuts, steel angle, steel strip, nails, cardboard, paper/ card board sleeve, marking paint, 60 GSM (grams per square meter) polyethene sheet, adhesive tape & such other items are in the scope of the packing contractor.

Tools fixtures etc. are in the scope of the contractor. The contractor will carry out the packing of stampings – stacking, wrapping the polythene sheet & VCI paper, stud fixing, fixing the side panels, top cover, securing with sleet strip, marking etc. using only the hand tools.

No electric power, handling facility, crane, fork lift etc. will be provided by BHEL.

1.3 VCI paper for wrapping of stampings will be supplied by BHEL. All other items required for packing as mentioned in this tender document shall be in the scope of contractor.

1.4 The contractor will carry out the packing work in the BHEL premises at location identified by BHEL.

1.5 The contractor will have to maintain liaison & organize the resources in a manner that the packing of the stamping is completed in one day, after the stampings are made available.

1.6 Billing will be done on the basis of the quantity of wood (Rs. Per cubic meter) used. All other charges/consumables etc. will be included in the rate of wood used.

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2. **Commercial**

2.1 Following details are to be furnished along with the technical offer: -

- Name of the proprietor/company, with address & contact Landline/ mobile number.
- Income tax PAN Number
- Service tax registration number.
- UPVAT TIN No.
- A consent letter by the bidder that all terms & conditions of the tender are acceptable to the bidder.

2.2 The price quoted will be firm & all inclusive of taxes & duties. No charges other than the price quoted in Rs. per cubic meter of wood used, arising out of any reason will be payable by BHEL.

2.3 The successful bidder shall sign a Contract agreement on Rs.100 (Rupees one hundred) non- judicial stamp paper with BHEL, at his own cost and deposit the security money within in three days of award of letter of intent or the Contract.

2.4 The successful bidder will also be required to submit following documents within 7 days of the award of the LOI (Letter Of Intent)-

- a. Service tax registration number.
- b. PF code no.
- c. ESI code no.
- d. CL(R&A) registration no.
- e. The contractor shall be responsible for the safe packing of the material.
- f. The bidder shall submit a notarized affidavit that they have not been held guilty by any court of law for any offence involving dishonesty & moral turpitude.
- g. The contractor will have to start the work within 7 days of getting the LOI/ Work Order. Failure in satisfactory performance of the contract shall lead to forfeiture of the security deposit. BHEL reserves the right in such case to get the work done through other means & the loss sustained by BHEL shall be recovered from the contractor.
- h. Works Contract Tax (WCT) will be deducted as the rules.
- i. Payment shall be made on monthly basis through e-payment.
- j. TDS (Income Tax) shall be deducted from the packing charges.

2.5 **Terms of Payment:**

- Payment including taxes will be made on completion of the assigned packing work. Payment will be through e-payment.
- 80 % the packing charges will be paid on completion of the assigned packing work.
- 20% will be paid after the satisfactory receipt of the boxes at the destination.
- Payment will be made within 30 days of the completion of the above activity.

2.6 **Penalty for Delay in packing:**

The packing of the boxes shall be made within the time prescribed by the engineer. Failure to pack the boxes in time as per the time prescribed would make the vendor liable to an un-conditional penalty at the rate of one half percent (1/2%) of the packing value **per day** (or part thereof) subject to a maximum of ten percent (10%) of the packing value.

Deduction from bills will also be made in case of quality deficiency of the packing process.

**PRICE BID**

1. The price bid will be opened only for those bidders who qualify the technical bid for: -
 - A. Supply of wooden packing boxes for stampings &
 - B. Packing of stamping in the boxes.
2. The bidder has to quote for both: -
 - A. Supply of wooden packing boxes for stampings
 - B. Packing of stamping in the boxes.
3. Any bidder who has quoted for any one of the above will not be considered for evaluation.
4. The evaluation criterion will be the **total cost to BHEL** for supply of wooden packing boxes for stampings & packing of stamping in the boxes.
5. The price quoted should be in Rs. per cubic meter of packing wood used. All other charges/ taxes/ duties are included.
6. The total volume of the work is 870 cubic meter. This is only indicative & the actual volume may vary.

The price is to be quoted in the following **format**: -

1. **Rate in Rs per cubic meter** of wood for the Supply of wooden packing boxes for stampings:

Sl. No.	Item	Amount in Rupees
1.1.	Cost of wood	
1.2.	Cost of other items/material	
1.3.	Total Material cost	
1.4.	Taxes – i) _____ % - ii) _____ % - iii) _____ %	
1.5.	Cost of boxes = T1	

2. **Rate of packing of stampings in Rs. per cubic meter of wood consumed:**

Sl. No.	Item	Amount in Rupees
2.1	Packing charges	
2.2	Service Tax @ _____ % Any other tax: _____	
2.3	Cost of packing = T2	

Note: - % of taxes /details must be mentioned.

3. **Total cost:** T= T1 + T2 per cubic meter of wood consumed=

Rs. _____ (in fig.)

Rs. _____ (in words)

(Name of the bidder)

Signature



SPECIFICATION HY51463 FOR PACKING WOOD

NON-CONIFEROUS TIMBER FOR GENERAL PACKING PURPOSES

1. GENERAL:

This specification governs the quality of non-coniferous timber supplied in the form of planks, battens, beams and sleepers. This specification supersedes PS: 40101/A.

2. APPLICATION:

Used for the manufacture of packing cases/crates.

3. COMPLIANCE WITH NATIONAL STANDARDS:

Assistance has been derived from the following Indian Standards in preparing this specification.

IS: 399 – 1963: Classification of commercial timber and their zonal distribution.

IS: 1326 – 1976: Specification for non-coniferous sawn timber (Baulks and Scantlings)

(Amendment 1).

IS: 5966 – 1993: Specification for non-coniferous timber in converted form for general purposes.

IS: 6662 – 1993: Specification for timber species suitable for wooden packaging. (Groups I & II).

4. TERMINOLOGY:

For the purpose of this specification, the definitions given in IS: 707 (Glossary of terms applicable to timber and timber products) shall apply except for the beam which is defined as below. Beam is defined as converted timber whose cross-sectional dimensions exceed 50mm in both directions.

5. SPECIES:

The species of non-coniferous timber shall be as per annexure A.

6. DIMENSIONS AND TOLERANCES:

6.1 Sizes:

Width, thickness and length of timber shall be clearly stated on the order/drawing.

6.2 Tolerance:

6.2.1 Width:

Width, mm	Tolerance, mm
50, 75, 100	+ 3
125, 150, 200, 225, 250	{+ 6
	{- 3

6.2.2 Thickness

Thickness, mm	Tolerance, mm
20, 25, 35, 40, 50	+3
75, 100, 125, 150, 175, 200, 250	+6
	-3



6.2.3 Length:

Standard length:

1 to 12metres in multiples of 0.5 metre.

Tolerance:

± 2% or ± 50mm whichever is less.

Note: The minus tolerances for width, thickness and length shall not be permitted in more than 10% of the timber supplied.

7. SEASONING AND MOISTURE CONTENT:

7.1 Timber for packing purpose other than export orders:

The timber shall have a moisture content of 30% maximum for planks and battens and 35% maximum for beams within a depth of 15mm from the surface excluding a length of 30cm from each end, at the time of inspection any time in the year. The moisture content will be determined in accordance with appendix-A of IS: 287. This does not apply to timber procured in sleeper form for further conversion.

7.2 Timber for packing purpose for export orders:

The moisture content shall not exceed the maximum of 18%.

7.3 The moisture content % shall be specified in the order.

7.4 If it is not possible to procure wood with moisture content 18% maximum limits, the procured wood shall be seasoned internally/externally so as to limit the moisture content.

8. FREEDOM FROM DEFECTS:

Timber shall be free from the following defects:

Brashness, splits across the grain, shakes, cup, spring, twist insect attack, any kind of decay (rot) visible infection, open centre heart, centre heart on planks and any other defect. The extent to which defects are permitted are given in Annexure II.

9. END COATING:

Timber shall be coated with any of the following effective compositions, upto a distance of 80mm from each end or 20mm more than the longest split.

9.1 Thick coal tar or bituminous paint.

9.2 Resin and lamp black (10:1), melted, mixed and applied hot.

9.3 Hardened gloss oil.

9.4 Paraffin wax.

9.5 Molasses and lime (3:1).

10. END STRAPPING:

Timber above 200mm x 200mm cross section or as and when required shall be strapped with steel clamps to prevent end splitting.

11. CERTIFICATES:

The supplier shall furnish a certificate with each lot/consignment in support of the type of species, treatment (Fumigation/Chemical), if any, and moisture content.

12. MARKING:

The timber shall be marked/painted in order to identify the source of supply in accordance with out instructions.



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SPECIES OF NON-CONFEROUS TIMBER RECOMMENDED FOR HEAVY PACKING CASES/CRATES

SL. NO.	BOTANICAL NAME	STANDARD TRADE NAME	LOCAL NAMES	ABBREVIATED SYMBOL
1.	FAGARA BURDRUNGA	MULLILAM	MUTTILAM (TAMIL), RHETSA (TELUGU); BEPULI (UUDU)	MUY
2.	CAREYA ARBOREA	KUMBI	KUMBHI (ASSAM & BENGALI), KAMBI (HINDI)	KUM
3.	SYZYGIIUM CUMINI	JAMAN	JAMUN (HINDI & MP); JAMUK (ASSAM); JAM (BENGALI); KUDA(KOLI); JAMU (ORIYA); JAMBU (GUJARATI); NERLU, NERULA(KANNADA); JAMBUL (MARATHI); NAVAL(MALAYALAM & TAMIL); NEREDU (TELUGU)	JAM
4.	APHA NAMIXIS POLYSTACHYA	PITRAJ	BOGA, AMARI (ASSAM); LOCHUNI, LOSHUNE (BENGALI); RAKTATOHIDA(MARATHI), MULLU-MUTTAGA (KANNADA); KARAGIL (MALAYALAM), VEKKALI, VELLAKONGU (TAMIL)	PIT
5.	ALBIZZIA PROCERA	SAFIDSIRIS	SAFED- SIRIS (HINDI); SIT (ANDAMANS); KOROI (ASSAM & BENGALI); TENTHR(KOLI); DHALASIRISH (ORIYA); KINHAI, KILAI(MARATHI); GURER (MP); KARANGRO(GUJARATI); BELLATI, SALVAGAI (KANNADA); VELLAVAKA (MALAYALAM); VELVAGAI (TAMIL); TELLACHINDUGA (TELUGU)	SSI
6.	TERMINALIA BELLIRICA	BAHERA	BAHERA (HINDI & MARATHI); BHAIRA (PUNJABI); BHOMARA (ASSAM); LUMPUNG(KOLI); BAHADA (ORIYA); BAHETA (GUJARATI); THARE, TARE, TARI (KANNADA); BAHELA(MARATHI); THANNI (MALAYALAM); TANI(TAMIL & TELUGU)	BAH
7.	LOGERSTROEMIA PARVIFLORA	LENDI	ASIDH, DHAURI'SIDA (HINDI); MECHI(ASSAM); SIDHA (BENGALI & ORIYA); GARASEKRE (KOLI); BURI - DHAMERO(NEPALI); LENDIA - SENHA (MARATHI); KALIASAJA, LENDI (MP) BONDARO (GUJARATI); NANAGU (MALAYALAM); PEIKADUKKAI (TAMIL); CHENNANGI(KANNADA & TELUGU)	LEN
8.	ACROCARPUS FRAXINI FOLIUS	MUNDANI	MANDANE (NEPALI); BELANJI (KANNADA); KURANYAN, MALAVEPPU (MALAYALAM); MALAMKOMAI (TAMIL)	MUN
9.	DYSOXYLUM MALA BARICUM	WHITE CEDAR	BILIDEVADARI (KANNADA); VELLA - GIL (MALAYALAM & TAMIL)	WCE
10.	MANGI FERA INDIA	MANGO	AM (HINDI & ASSAM); AMB (PUNJABI); ULI (KOLI); AMBA(ORIYA & MARATHI); MAVU (KANNADA) MAMARAM(TAMIL); MAMIDI (TELUGU)	MAN
11.	LAGERSTROEMIA SPECIOSA	JARUL	AJHAR (ASSAM); GARASEKRE(KOLI); PUNIPATULI (ORIYA); NIRMARUTHU (MALAYALAM); POOMARUTHU, PUMARUDU(TAMIL)	JAR
12.	ADINA CORODIFOLIA	HALDU	HALDU, KARAM (HINDI); TARAKCOPA (ASSAM); RANGKAT (BENGALI) KUMBHA (KOLI); KURUMA (ORIYA); HALDU, HEDU (MARATHI); KARAM (MP); HALDWAR, HALDWAN(GUJARATHI); HEDDI, YETAGAL, YETTAGA (KANNADA); BIMBU (MALAYALAM); KADAMBERI, MANJAKADAMBAI (TAMIL); HALDAWA (URDU); BANDARU(TELUGU)	HAL
13.	DIPTEROCARPUS INDICUS	GURUJAN	GARJAN (ASSAM); YENNEMARA(COORG); KALPA-YINI, KALPINE(MALAYALAM); ENNEY, VELLAYINI (TAMIL); KALPINE (KANNADA); GURGAL (URDU).	GUR

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14.	LAGERSTROEMIA LONCEOLATA	BENTEAK	NANA (GUJARATI & MARATHI); NANDI,BENDEKU (KANNADA); VENTEAK(MALAYALAM); BETHEKKU, VENTHEKHU (TAMIL);BILLINANDI, BOLULTAR (TELUGU)	BEN
15.	DIPTEROCARPUS MACROCARPUS	HOLLONG	HOLLONG (ASSAM)	HON
16.	MITRAGYNA PARVIFOLIA	KAIM	GURI, KALAM, PHALDU (HINDI);HAMSABETI (KOLI); MITUKUNIA(ORIYA)	KAM
17.	TERMINALIA PROCERA	WHITE BOMBWEE	DADAM (ANDAMAN)	WBO
18.	ARTOCARPUS HIRSUTA	AINI	HEBBALASU, HEBHULSINA (KANNADA); PATH-PHANAS (MARATHI); AINIPILAVU(MALAYALAM); AINIPILA ANJILI (TAMIL)	ANI
19.	TERMINALIA MYRIOCARPA	HOLLOCK	PANISAG (NEPALI)	HOL
20.	PROTIUM SERRATUM; BURSERA SERRETA	MURTENGA	ERRA KARRA (TELUGU)	MUR
21.	GREWIA- TI LIFOLIA	DHAMAN	TADA (TELUGU); DADSAL, THADSAL(KANNADA); CHADACHI (MALAYALAM)THADACHI (TAMIL); PEDDA JANA, (TELUGU)	DHA
22.	ALBIZZIALEBBECK	KOKKO	SIRIS (HINDI & ORIYA); SARIN, SHRIN(PUNJABI); HIRIH (ASSAM); SIRISH(BENGALI); CHICHOLA (MARATHI); BAGE(KANNADA); VAKA (MALAYALAM); VAGAI(TAMIL); DIRISINAM (TELUGU)	KOK
23.	HOLOPTELEA- INTERGRIFOLIA	KANJU	KANJU, PAPRI (HINDI); KUMKAR,RAJAIN (PUNJABI); ANJAN (BENGALI);CHIBIL, DHAURANJO (ORIYA); PAPARA(MARATHI); CHILWAL, CHIROL, KARANJI (MP) THAPSI (KANNADA);AVAL (MALAYALAM) AYILI (TAMIL)	KAJ
24.	SCHIMAWALLICHI CHOISY	CHILAUNI	GOGRA, MAKRISAL (ASSAM)	CHL
25.	XYLIAXYLOCARPA	IRUL	KONGRA, TANGAN (ORIYA); SURIA (MARATHI); SAURIYA (MP) JAMBE(KANNADA); IRUL (TAMIL), KONDATANGEDU (TELUGU)	IRU
26.	HOPEA	HOPEA	BOGIMAR (KANNADA); IRUMBOGAM (MALAYALAM); VELLAI – GONGU (TAMIL)	HOP
27.	TERMINALIA- TOMENTOSA	LAUREL	ASNA, SAIN (HINDI); AISAN (PUNJABI);HATANA (KOLI); PUCCASAJ (NEPALI);SAHAJA (ORIYA); AIN, SADAR, SAJ (MP)KARUMARUDU(MALAYALAM); KARIMARUDU, MATTI (TAMIL);NALLAMADDI (TELUGU)	LAU
28.	SHOREAROBUSTA	SAL	SAKHU, SAL, SAKHUA (HINDI); SARJAM (KOLI); RAIGAL –A SARGI (ORIYA)	SAL
29.	MESUAFERREA	MESUA	GANGANE (ANDAMAN); NAHOR(ASSAM); NAGESWAR, NAGKESAR (BENGALI);NAGESWAR (ORIYA); NAGASAMPIGI(KANNADA); CHURULI (MALAYALAM);NANGAL, NANGU (TAMIL); NAGAKESARI, (TELUGU)	MES
30.	TERMINALIAPANI- CULATA	KINDAL	HONAL, HONAGALU (KANNADA); KINDAL (MARATHI); PILLAMARUDU (MALAYALAM &TAMIL); NALLAPULAGA (TELUGU)	KIN
31.	GREVILLEA ROBUSTA	A CUNN	SILVER OAK	SOA

Centralized Stamping Unit & Fabrication Plant, Jagdishpur Industrial Area, Distt. CSM Nagar (UP) 227 817, INDIA

Tel.: ++ 91 5361 27 1384; FAX: 27 0057; e-mail:kdpandey@bhelcsufp.in, website: www.bhel.com

Registered & Corporate Office: 'BHEL House', Siri Fort, New Delhi 110 049



REVERSE AUCTION (RA)

- 1.1. BHEL may go for Reverse Auction (on line bidding on Internet) instead of opening the submitted sealed price bid. The decision to go for Reverse Auction will be taken after techno-commercial evaluation. Information and general terms and conditions governing RA are given below.
- 1.2. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- 1.3. BHEL will engage the services of a Service Provider who will provide all necessary training and assistance/ demonstration before commencement of on line bidding on internet.
- 1.4. BHEL will inform the Vendors in writing the details of Service Provider to enable them to contact for training/ demonstration.
- 1.5. Business rules like event date, time, start price, bid decrement, extensions etc. also will be communicated through Service Provider for compliance.
- 1.6. Vendors have to fax the Compliance form in the prescribed format (provided by Service provider) before start of Reverse Auction. Without this, the vendor will not be eligible to participate in the event.
- 1.7. BHEL will provide the calculation sheet which will help the Vendors to arrive at "Total Cost to BHEL" for each of the Vendors to enable them to fill-in the price and keep it ready for keying in during the Auction.
- 1.8. Reverse auction will be conducted on a scheduled date & time.
- 1.9. At the end of Reverse Auction event, the lowest bid value will be known on the network.
- 1.10. The lowest bidder has to fax the duly signed filled-in prescribed format as provided to BHEL through Service Provider within 24 hours of Auction without fail.
- 1.11. Any variation between the on-line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
- 1.12. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids already submitted and available with BHEL shall be opened as per BHEL's standard practice.



PROFORMA FOR SECURITY DEPOSIT BANK GUARANTEE

This deed of Guarantee made thisday of two thousand and by(Bank) herein after called the " The Guarantor" (which expression shall unless repugnant to the context or meaning thereof be deemed to include it's successors and assigns) in favour of M/s Bharat Heavy Electricals Limited (A Govt. of India Undertaking) a company incorporated under the Companies Act, 1956, having it's registered office at BHEL House , Siri Fort, Asiad, New Delhi- 110049 through it's unit at Jagdishpur, distt, CSM Nagar (Sultanpur), U.P. herein after called " The Company" (which expression shall unless repugnant to the context or meaning thereof by deemed to include it's successors and assigns)

WHEREAS(herein after referred to as the Contractor) have entered into contract arising out of Letter of Intent no. dt.....(herein after referred to as "the contract") for the construction of with the company.

AND WHEREAS the contract inter-alia provides that the contractor shall furnish to the company a sum of Rs.....(Rupees) towards security deposit for due and faithful performance of the contract in the form and manner specified therein .

AND WHEREAS the contractor has approached the Guarantor and in consideration of the arrangement arrived at between the Contractor and the Guarantor, the Guarantor has agreed to give the Guarantee as hereinafter mentioned in favour of the company.

The Guarantor do hereby guarantee to the company the due and faithful performance, observance or discharge of the Contract by the contractor and further unconditionally and irrevocably undertake to pay to the Company without demur and merely on a demand, to the extent of Rs.....(Rupees.....) against any claim by the company on them for any loss , damage, costs, charges and expenses caused to or suffered by the company by reasons of the contractor making any default in the performance, observance or discharge of the terms, conditions, stipulations or undertakings or any of them as contained in the contract.

The decision of the company whether any default has occurred or has been committed by the contractor in the performance, observance or discharge of any of the terms, conditions, stipulations or undertakings or any one of them as contained in the contract and/ or as to the extent of loss, damage, costs, charges and expenses caused to or suffered by the company by reason of the contractor making any default in the performance, observance or discharge of any of the terms, conditions, stipulations or undertakings or any one of them shall be conclusive and binding on the Guarantor irrespective of the fact whether the contractor admits or denies the default or questions the correctness of any demand made by the company in any Court, Tribunal or Arbitration proceedings or before any other Authority.



Bharat Heavy Electricals Limited

The company shall have the fullest liberty without affecting in any way the liability of the Guarantor under this Guarantee, from time to time to vary any of the terms and conditions of the contract or extend time of performance by the contractor or to postpone for any time and from time to time any of the powers exercisable by it against the contractor and either enforce or forebear from enforcing any of the terms and conditions governing the contract or securities available to the company and the Guarantor shall not be released from its liability under these presents by any exercise by the company of the liberty with reference to the matters aforesaid or by reasons of time being given to the contractor or any other forbearance act or commission on the part of the company or any indulgence by the company to the contractor or any other matter or thing whatsoever which under the law relating to securities would, but for this provision have the effect of so releasing the Guarantor from its liability under this guarantee.

The Guarantor further agrees that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the contract and its claim satisfied or discharged and till the company certifies that the terms and conditions of the contract have been fully and properly carried out by the contractor accordingly discharges this Guarantee, subject however, that the company shall have no claim under this Guarantee after..... i.e, (the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time, as the case may be) unless a notice of the claim under this Guarantee has been served on the Guarantor before the expiry of the said period in which case the same shall be enforceable against the Guarantor notwithstanding the fact that the same is enforced after the expiry of the said period.

The Guarantor undertakes not to revoke this Guarantee during the period it is in force except with the previous consent of the Company in writing and agrees that any liquidation or winding up or insolvency or dissolution or any change in the constitution of the contractor or the Guarantor shall not discharge the Guarantor's liability hereunder.

It shall not be necessary for the company to proceed against the contractor before proceeding against the Guarantor and the Guarantee herein contained shall be enforceable against them notwithstanding any security which the company may have obtained or obtain from the Contractor shall at the time when proceedings are taken against the Guarantor hereunder be outstanding or unrealized.

Notwithstanding anything contained herein before, our liability under the Guarantee is restricted to Rs (Rupees.....). Our guarantee shall remain in force until....., i.e, (the present date of validity of Bank Guarantee unless the date of validity of this Bank Guarantee is further extended from time to time) unless a claim or demand under this guarantee is made against us on or before.....we shall be discharged from our liabilities under this Guarantee thereafter.

Any claim or dispute arising under the terms of this document shall only be enforced or settled in the courts having jurisdictions at Jagdishpur, Distt. CSM Nagar (Sultanpur), U.P. only.



Bharat Heavy Electricals Limited

The Guarantor hereby declares that it has power to execute this guarantee and the executants have full powers to do so on behalf of the Guarantor.

IN WITNESS whereof the(Bank)
has hereunto set and subscribed it's hand the day, month and year first, above written,

Bank Signed for and on behalf of the
(
No,.....) Signatory

WITNESSES

1. Name and Address
2. Name and Address

Notes:

1. The above BG shall be executed on the non-judicial stamp papers of adequate value procured in the name of the bank in the state where the bank is located.
2. The above BG is required to be sent by the executing bank directly to BHEL at the address where tender is submitted/ accepted under seal cover.