



Bharat Heavy Electricals Limited

Centralised Stamping Unit, Jagdishpur

Tender No.:- TE/130130026/C-85

Date: 07/12/2013

TENDER NOTICE

Sealed Tenders are invited in two-part bid system for ALKYD PROTECTIVE COATING ENAMELTEMPERATURE INDEX-130 as per below details:

A. General:

- SUBMISSION OF TENDER : TILL 14.30 HRS. 27/12/2013
- OPENING OF TECHNO-COMMERCIAL BID : AT 1500 HRS. ON 27/12/2013
- BIDS CAN BE DEPOSITED IN THE TENDER BOX KEPT AT:

**Administrative Building,
Fabrication Plant
Bharat Heavy Electricals Ltd.
Industrial Area Jagdishpur
Dist. Amethi-227817, UP.**

• Instruction/procedure for submission of bids

1. The offer is to be submitted by the vendors in Two-parts in sealed envelop as per following details:
 - i. **Envelop-1:** Techno-commercial Bid: On the top of this envelop, vendor to write "Techno-Commercial Bid", Tender Enquiry No. & Date, Due date of opening. This envelop should contain following documents:
 - Tender Enquiry duly signed with stamp on each page as a token of acceptance of all terms and conditions.
 - Un-priced copy of Price bid.
 - Covering Letter on company's Letter Head giving index interlinking all the documents with all the pages signed and stamped, contact person's details like Name, Contact No., Email Address, Contact Address, etc.
 - Copy of PAN, Certificate of registration and allotment of TIN, STC, etc.
 - ii. **Envelop-2:** Price Bid: On the top of this envelop, vendor to write "Price Bid", Tender Enquiry No. & Date, Due date of opening. This envelop should contain following documents:
 - Priced Copy of Price Bid. No terms and conditions should be mentioned in Price Bid.

ENVELOP -1 & 2 should be sealed in a bid envelop. Vendor to write Tender Enquiry No. & Date, Due date of opening, complete mailing address of the vendor.

2. Offers with deviations from terms and conditions & specification of the tender may not be considered.
3. BHEL takes no responsibility for any delay / loss of documents or correspondence sent by courier or post.
4. BHEL reserves the right to accept or reject any of the bid / all bids with or without deviation, or cancel / withdraw the invitation for bid without assigning any reason whatsoever and in such case no bidder shall have any claim arising out of such action by BHEL.
5. Duly completed offers should reach following address on or before due date and time to

**Office of AGM
CSU&FP, BHEL,
Industrial Area Jagdishpur,
Dist. Amethi-227817, UP**



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6. In case you are not quoting, please send your regret letter positively for our reference.
7. Tender received after the specified time of their "SUBMISSION" will be treated as "late tender" and shall not be considered under any circumstances.
8. Supplier shall quote for all the items in the enclosed price bid format only.

The tender document consists of following sections:

Section – 1: Techno-Commercial bid which consists of followings:

- A. Item Description
- B. Technical Conditions
- C. Commercial Conditions
- D. Special Instructions
- E. Un-Price bid

Section – 2: Price bid format

SECTION-1

A. *ITEM DESCRIPTION*

SL. NO.	DESCRIPTION	UNIT	QTY.
1.	ALKYD PROTECTIVE COATING ENAMELTEMPERATURE INDEX 130 SPEC : AA27513 Rev.02 color: GREY	Ltr.	200 (+/- 5%)

B. *TECHNICAL CONDITIONS:*

S. No	Description	Requirement
1.	Delivery Schedule	3 weeks from the date of LOI/PO. Earlier delivery is also acceptable to BHEL.
2.	Test Certificate	Test certificate as per specification. Shelf life, if any, to be mentioned on TC.

C. *Commercial conditions:*

1.	Transportation	Deliveries shall be FOR BHEL, Centralised Stamping Unit (CSU), Jagdishpur.
2.	Insurance	Insurance shall be arranged by vendor.
3.	Price	The basic prices shall be firm. All taxes & duties to be specified specifically. Supplier shall quote for all the items in the enclosed price bid format only.
4.	Terms of Payment	100% payment within 45 days of successful acceptance of items at BHEL CSU, Jagdishpur. Payment shall be done through E-payment. If applicable, Original excise duty gate pass shall be submitted by the vendor to enable purchaser to claim Cenvat credit.
5.	Evaluation of offer	On the basis of landed cost to BHEL, CSU Stores, Jagdishpur inclusive of loading, if any.



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6.	Validity of offer	Offer validity will be for 90 days from date of opening of Tender enquiry.
7.	Penalty for Delay	The delivery of material shall be made within the time prescribed. Failure to deliver the material in time as per the delivery specified above would make the vendor liable to an un-conditional penalty at the rate of half percent (1/2%) of the order value per week for delayed items only (or part thereof) subjected to a maximum of ten percent (10%) of the order value of delayed items.
8.	Rejections	The supplier shall arrange replacement/repair within one month from the date of rejection intimation upon failure on supplier's part to comply. BHEL will take whatever appropriate action they may think fit in addition to repair/return of rejected material at the cost and risk of the supplier.
9.	Risk purchase	In case of delays in supply of materials/defective materials not fulfillment of any other terms and conditions given in the purchase order, the purchase may cancel the full or part thereof, and may also make purchase of such material from elsewhere/alternate source at the risk and cost of supplier.
10.	Arbitration	Any dispute arising out of this contract shall be referred to the sole arbitration of GM, BHEL, Jagdishpur. Its award shall be final and binding on the parties. The venue of arbitration in all cases shall be at Administrative building, BHEL, FP, Jagdishpur.
11.	Jurisdiction	In case of any suit or other legal proceedings arising under or relating to the contract, the Jurisdiction of Sultanpur (UP) district court shall apply.
12.	Consignee	The Stores Officer, CSU, BHEL, IA Jagdishpur, Dist. Amethi - 227817 (U.P.)
13.	Billing details	Bills should be in the name of Centralised Stamping Unit, BHEL, IA Jagdishpur, Dist. Amethi - 227817 (U.P.). TIN no. of Centralised Stamping Unit to be mentioned on the Bills. The bills to be sent to the Purchase Office-CSU, IA Jagdishpur, Dist. Amethi - 227817 (U.P.).
14.	Documentation	One set of all required documents (ink signed) must accompany the supply and one set (Ink-Signed) to be sent to Purchase officer before the dispatch.

D. Special Instruction:

1. All taxes/duties/levies etc. must be specified separately in amount or in percentage. Incomplete offer shall not be acceptable.
2. In case vendor do not accept BHEL, CSU & FP, Jagdishpur payment terms as per enquiry proper loading shall be done.
3. Duly filled & signed with company seal on all documents to be submitted along with offer.
4. Original manufacturer's test certificate required along with dispatch documents. In case supplies are from traders, It shall be the responsibility of the trader to provide original manufacture's certificate with linkage to trader's invoice stating batch No.
5. BHEL, CSU & FP, Jagdishpur reserve the right to procure from more than one vendor.
6. Please quote price in figures & words both. In case the prices quoted in words and figures are different, the value indicated in words will be considered for evaluation and establishing L1 status.
7. BHEL CSU & FP shall be at liberty to cancel the tender at any time, before ordering, without assigning any reason.
8. Quotation should be, as far as possible, free from correction / overwriting. Correction /overwriting, if any,



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should be signed by authorized person with the company seal.

9. The rates must be quoted indicating basic material rate, packing, forwarding, freight & insurance, discount, if any, and applicable taxes and duties, **each of them shown separately.**
10. If there is any difference / discrepancy in rates quoted for per unit and total and any arithmetic addition for number of items, **the lower** of the rates beneficial to BHEL CSU & FP will be considered.
11. **In case any supplier is unable to quote, supplier shall send a regret letter without fail.**
12. Packing: Goods must be adequately packed in proper carton / wooden box / drums /suitable container to protect against loss, damage or corrosion and to withstand normal inland transportation and handling. Hazardous material should be notified as such and their packing, transportation and other protection must conform to applicable regulations.
13. BHEL CSU & FP does not bind itself to accept the lowest rate quoted, but reserves the right to accept whole or part of any quotation at its sole discretion.
14. The quantity in each item to be purchased may vary from quantity enquired according to actual requirement at the time of placing the Purchase Order. Quantity discount, if any, should be mentioned in the quotation.
15. In the quotation, earliest firm delivery (number of days or weeks) by which material will be despatched from the date of receipt of order must be indicated.
16. Purchase Order will be placed on the lowest quotation only among the technically & commercially accepted quotations. Lowest quotation is determined on the basis of Total Cost to BHEL CSU & FP including basic value, taxes and duties, freight, insurance, loading factors for deviations to terms and conditions.
17. Supplier's Sales tax / ECC/ VAT Registration Number should be mentioned in quotation.
18. The offers of the bidders who are on the banned list as also the offers of bidders, who engage the services of the banned firms, shall be rejected. The list of firms is available on web site www.bhel.com.



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SECTION-2

UN-PRICE BID

(To be submitted on Vendor's Letter Head)

Offer Ref. No. : _____

Tender Enquiry No. : _____

Sl. No.	DESCRIPTION	Unit	Qty.	Price, Ex-Works		Excise Duty @ ___%	Sales tax/VAT @ ___%	Packing Charges@	Freight Charges	Any other charges	FOR Price
				Unit Rate	Total Price						
1.	ALKYD PROTECTIVE COATING ENAMELTEMPERATURE INDEX 130 SPEC : AA27513 Rev.02 colour: GREY	Ltr.	200 (+/- 5%)								
GRAND TOTAL (in Value):											
GRAND TOTAL (in Words):											

Note:

1. Applicable rates of Taxes & duties (all in percentage) are to be mentioned. Unpriced copy of Price Bid to be submitted along with the Part-I offer.
2. Please fill all the columns. Write NA if not applicable, Inclusive if the taxes, freight, etc. are inclusive in basic price. No cell should be left blank.
3. Evaluation: On the basis of landed cost to BHEL, CSU Stores, Jagdishpur inclusive of loading, if any.

Seal and Sign of Bidder



Bharat Heavy Electricals Limited
Centralised Stamping Unit, Jagdishpur

PRICE BID

(To be submitted on Vendor's Letter Head)

Offer Ref. No. : _____

Tender Enquiry No. : _____

Sl. No.	DESCRIPTION	Unit	Qty.	Price, Ex-Works		Excise Duty @ %	Sales tax/VAT @ %	Packing Charges @ %	Freight Charges	Any other charges	FOR Price
				Unit Rate	Total Price						
	ALKYD PROTECTIVE COATING ENAMELTEMPERATURE INDEX 130 SPEC : AA27513 Rev.02 colour: GREY	Ltr.	200 (+/- 5)								
GRAND TOTAL (in Value):											
GRAND TOTAL (in Words):											

Seal and Sign of Bidder



Bharat Heavy Electricals Limited

Centralised Stamping Unit, Jagdishpur

PREFERENCES/BENEFITS FOR MSEs:

Following preferences/benefits shall be given to MSEs in line with Public procurement policy for Micro and Small Enterprises (MSEs), 2012:

1. The tender documents shall be issued free of cost to MSEs.
2. MSEs are exempted from payment of Earnest Money Deposit (EMD).
3. In tender, Micro and Small Enterprises quoting within the price band of L1+15% shall be allowed to supply the requirement up to 20% of the tender quantity subject to condition that such Enterprises bring down their price to L1 price where L1 price is from other than a Micro and Small Enterprise. If L1 offer is from a Micro / Small Enterprise, this provision will not be applicable. In case more than one Micro and Small Enterprise is there within this span, the supply shall be shared proportionate to the tender quantity. (70:30 or 50:30:20 of the eligible quantity).

Note: Special provision for Micro and small enterprises owned by SC or ST: -

Sub target of 20% (i.e. 4% out of 20%) would be earmarked for procurement from Micro and Small Enterprises owned by the Scheduled Caste or Scheduled Tribe Entrepreneurs provided that in event of failure of such Micro and Small Enterprises to participate in the tender process or meet the tender requirements and the L1 price, the 4% sub-target for procurement ear-marked MSE owned by Scheduled Caste or Scheduled Tribe Entrepreneurs shall be met from other MSE Enterprises/s.

MSE suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM-II certificate having deemed validity (two years from date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM-II certificate along with CA certificate (format enclosed as per annexure-I) applicable for the year, certifying quantum of investment in plant & machinery within permissible limit as per the act of relevant status (micro & small) where deemed validity of EM-II is over. Date of reckoned for determining the deemed validity will be the last date of technical bid submission. Non submission of such documents will lead to consideration of their bids at par with other bidder & MSE status of such suppliers shall be shifted to non MSE supplier till the supplier submits the documents. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements.

In case of any change in the MSE status of the Bidder, it shall be the responsibility of the Bidder to notify the change as a part of the Bid document. If at a later date it comes to the knowledge of BHEL, that the change in the status has not been intimated by the Bidder and the order is obtained under the premise of an MSE then BHEL would cancel the pending order against this tender and take necessary steps for suspension of the business dealing with the Bidder as per the procurement policy of BHEL.

In case after the bid opening it is seen that no MSE has become L1, then depending on the nature of the item, if it is not possible to split the tendered items / quantities on account of reasons like customer contract requirements of supplying one make for a given project or technical reasons like the tendered item being a system etc. then BHEL would not counter offer the L1 prices even though there may be MSE bidders within the +15% band of L1.



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ANNEXURE- I

Certificate by Chartered Accountant on letter head

This is to Certify that M/S. (Hereinafter referred to as 'company') having its registered office at..... is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part-11)dated:Category: (Micro/Small) (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as on date as per MSMED Act 2006 is as follows:

1. For Manufacturing Enterprises: Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006 :
Rs.Lacs
2. For Service Enterprises: Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006: RsLacs The above investment of RsLacs is within permissible limit of Rs.Lacs for
.....Micro/Small (Strike off which is not applicable) Category under MSMED Act 2006.

Date:
(Signature)
Name -
Membership number -
Seal of Chartered Accountant



CORPORATE PURCHASING SPECIFICATION

AA 275 13

Rev. No. 02

PREFACE SHEET

ALKYD PROTECTIVE COATING ENAMEL -TEMPERATURE INDEX 130

FOR INTERNAL USE ONLY
REMOVE THIS PREFACE BEFORE ISSUE TO SUPPLIERS

Comparable Standards:

Suggested/Probable suppliers and grades:

1. M/S Dr BECK & CO, BECKTOL GREY
2. M/S SHALIMAR PAINTS LIMUITED : Gr. PJ/406

User Plant References:

1. HEER, HARDWAR : 504.514 GD, IE 82, IE 83
2. BHOPAL : HE 5324
3. HYDERABAD : TADS 75 (0-2902)

Revisions :

Cl: 33.3.2 of MOM of MRC-E

APPROVED :

INTERPLANT MATERIAL
RATIONALISATION COMMITTEE -MRC (E)

Rev. No. 02	Amd.No.	Reaffirmed	Prepared	Issued	Dt. of 1st Issue
Dt:01.10.2003	Dt :	Year :	HYDERABAD	Corp. R&D	JANUARY, 1980

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The Information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED
It must not be used directly or indirectly in any way detrimental to the Interest of the company.



CORPORATE PURCHASING SPECIFICATION

AA 275 13

Rev. No. 02

PAGE 1 OF 4

ALKYD PROTECTIVE COATING ENAMEL - TEMPERATURE INDEX 130

1.0 GENERAL:

This specification governs the quality requirements of air drying insulating enamel of the Temperature Index of at least 130.

2.0 APPLICATION:

For protective coating on electrical windings.

3.0 COMPLIANCE WITH NATIONAL STANDARDS:

There is no Indian standard covering this material.

4.0 REQUIREMENTS:

4.1 Composition and class :

The enamel shall be obtained suitable pigment dispersed in alkyd resin of medium oil length to give a colour **Red opaque** or as specified in BHEL order. The enamel shall contain liquid driers conforming to IS:385 and antifungus additive in proper proportions and shall be compatible with the resin medium.

Whenever required by BHEL, the manufacturer shall furnish relevant information on composition. The material shall be of temperature index at least 130.

The infrared spectra of the individual enamel lots type approved shall always comply with the sample lots type approved earlier and no deviation from this shall be allowed.

4.2 The material shall also comply with the requirements given in Table 1, with a test sample drawn in accordance with the clause 2 of BHEL standard AA 085 17 10. The test panels shall be made according to clauses 3.1 and 3.3 of AA 085 17 10 at 27°C within 16 hours.

4.3 The material shall comply with the general conditions as stipulated in clause 4.1 of AA 085 17 10 and the varnish shall be deemed to have been approved for final acceptance only after necessary shop trials as a type approval test.

Revisions :

Cl: 33.3.2 of MOM of MRC-E

APPROVED :

INTERPLANT MATERIAL

RATIONALISATION COMMITTEE-MRC (E)

Rev. No. 02

Amd.No.

Reaffirmed

Prepared

Issued

Dt. of 1st Issue

Dt:01.10.2003

Dt :

Year :

HYDERABAD

Corp. R&D

JANUARY, 1980



TABLE 1 - TECHNICAL REQUIREMENTS

S.No	CHARACTERISTICS	REQUIREMENT	METHOD OF TEST (Ref to Cl. in AA 085 17 10)
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PROPERTIES OF VARNISH:

1.	Weight per ten litres in kgs	10 - 12	5
* 2.	Viscosity at 27 ⁰ C with FC4 cup	: 175 seconds, approx..	6
3.	Non- volatile matter at 100 ⁰ ±2C	: 50 - 80 %	7
4.	Fineness of grind	: 6 - 7	10
5.	Compatibility (Thinner - Xylene-Toluene)	: To pass the test	12
6.	Flash point	: 25 ⁰ C , min	14
7.	Acid value	: 10, max	17
8.	Pigment content	: 12%, min.	20
9.	Solid content (1.5 g/150 ⁰ C/2 hr)	: 50 - 55	

PROPERTIES OF FILM:

10.	Drying time at 27 ⁰ C in hrs and grade	: 18 - 20 B 2	21
11.	Finish	: To pass the test	22
12..	Flexibility and adhesion	: To pass the test	23
13.	Scratch Hardness	: 1.5 kg	24
14.	Effect of moisture percent	: 1.8 max.	31
15.	Dielectric strength	:	32
	a) at room temperature	: 40 Kv/mm	
	b) after water absorption	: 15 Kv/mm	
16.	Comparative tracking index	: 186	36

* LOT TO LOT VARIATION NOT MORE THAN 20 SECONDS.

Raw



4.4 SHELF LIFE/KEEPING PROPERTY:

When stored under cover in a dry place in the original sealed container under normal temperature conditions, the material shall retain the properties prescribed in this specification for a period of not less than 12 months after the date of manufacture which shall be subsequent to the date of placing the order.

5.0 TEST CERTIFICATES:

Unless otherwise specified, three copies of test certificates shall be supplied alongwith each consignment .

In addition, the supplier shall ensure to enclose one copy of the test certificate along with their despatch documents to facilitate quick clearance of the material.

The test certificate shall bear the following information:

AA 275 13 (Rev.No 02): Alkyd protective coating enamel - TI 130
BHEL order No.

Manufacturer's/Supplier's Name

Batch/Lot No.

Size and number of drums

Name and Grade of material

Date of manufacture and expiry

Test results for the properties of enamel and cured film as per Table-1.

6.0 PACKING AND MARKING:

The material shall be packed in drums of 20 litres capacity or any suitable size as per BHEL order and sealed. The drums are to be suitably packed to prevent damage during transit. Each drum shall bear the following information.

Manufacturer's / Supplier's Name

Batch/Lot No.

Name and Grade of material

Quantity supplied

Date of manufacture/Expiry.

7.0 ACCEPTANCE CRITERIA :

The material supplies shall be accepted on the basis of the following :

- i) Compliance certificate to AA 275 13, Rev 02 furnished by the supplier.
- ii) Test certificate furnished by the supplier and / or testing carried out at BHEL end.

**8.0 ENVIRONMENTAL REQUIREMENTS :**

The supplier shall furnish Material Safety Data Sheet (MSDS) covering all information relating to human safety and environmental impacts of the hazardous materials particularly during their transportation, storage, handling and disposal alongwith each supply.

Each container shall be marked with corresponding symbol and minimum worded cautionary notice for flammable / corrosive / toxic / harmful / irritant and oxidizing etc. as applicable.

9.0 REJECTION :

BHEL reserves the right to reject the entire lot of the material, if found not to comply with these requirements. Parts of the lot which are found to be defective or not complying with these requirements can also be rejected at a later stage.

10.0 REFERRED STANDARDS (Latest Publications Including Amendments) :

- 1) IS: 385
- 2) AA 0851710