

### PURCHASE ENQUIRY

To M/s	Our E-mail : <a href="mailto:smborkar@bhelswr.co.in">smborkar@bhelswr.co.in</a>	
	ENQUIRY No :	X018E
	ENQ.DATE	12.08.2010
	DUE DATE	02.09.2010

Dear sir,

Kindly submit your sealed quotation by Speed Post / Registered Post / Courier / Air Mail in **two bids viz.**

**(1) Technical cum Commercial Bid & (2) Price Bid** for the material indicated below confirming acceptance to the terms and conditions enclosed ,so as to reach our office on or before 3.00 PM on the due date. Quotation may be sent by Fax only if asked so by BHEL / with prior permission of BHEL.

S.. No	Description of Material	Unit	Qty	Delivery Schedule	Material Required at (Destination)
01	<b>SUPPLY OF PAINTS AS PER ANNEXURE-I</b>	REF. ANEX-I	REF. ANEX-I	REF. ANEX-I	(A) Construction Manager BHEL Site Office, 2x500 MW MSPGCL, BHUSAWAL TPS, DEEP NAGAR PO, DIST: JALGON MAHARASTRA -425307 (B) BHEL SITE OFFICE, 1X 250 MW UNITS, KHAPERKHEDE TPS, TQ. SAONER, DIST.NAGPUR-425 307 MAHARASHTRA.

### A) GENERAL TERMS AND CONDITIONS OF CONTRACT

Cl. No.	DESCRIPTION
01	Each tender should be send in a double cover, inner cover should be sealed with tenderer's distinctive seal and superscribed with correct Enquiry No. and Due Date. The outer cover should only bear the address of this office. Tender should be free from CORRECTION AND ERASURES. Corrections, if any must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount in figures and words, amount quoted in words shall prevail.
02	Technical cum Commercial bid will be opened at 4.00 PM on Due Date. The Technical cum Commercial bid should accompany copy of documents like authorized dealership certificate, earlier supply order details of similar equipment and their performance feedback from customers, company profile and present status, product catalogue of the models offered, technical specifications of the product, commercial Terms & Conditions and other relevant documents etc.
03	Price bid of technically accepted bidders only will be opened. No revision of prices will be entertained after Tenders are opened, unless mentioned in our enquiry / asked so by BHEL.
04	Manufacturer's name, Trade Mark or Patent No. if any, shall be specified in the Technical cum Commercial Bid
05	Please mention the relevant national / international standard code of the product quoted for in the Technical cum Commercial bid.
06	The purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any tender in part or full without assigning any reason whatsoever.
07	Late tenders (received after Due Date) will be rejected.
08	Price quoted shall be valid for 60 days from the date of opening
09	Price shall be quoted as per enclosed 'Price Format' only. Quotations not accompanying filled in 'Price Format' are likely to be rejected. Please fill in all the columns of all formats
10	The price quoted should be as applicable to DGS & D (Govt. of India) and other Govt. Organizations. In case DGS & D rate / Running Contract is not existing, but a contract is in vogue with any BHEL Unit, reference of the same shall be furnished and same may be applicable to this contract.
11	<b>SECURITY DEPOSIT: The supplier shall have to furnish Security Deposit (Cash/DD/Bank Guarantee from a Scheduled Bank) if so specified in the tender under Special Terms &amp; Conditions.</b>

**BHARAT HEAVY ELECTRICALS LIMITED**  
**PS-WR:HQ:NAGPUR**

Page 2 OF 17

ENQUIRY NO. X018 E

DT.12.08.2010

DUE DATE: 02.09.2010

12	<b>PACKING AND MARKING:</b> The supplier shall arrange for secure protective packing of the goods suitable for tropical conditions to avoid loss, damage, atmospheric action during handling and transit. The packing standards will comply with relevant national standard/carrier's conditions of packing or established practice. If any damage is sustained and the carrier or underwriter attributes it to improper packing, the seller shall be liable to replace the material or reimburse the value of the loss notwithstanding any transit insurance arranged by him or not. The following marking shall be made on each package in black bold letters. NAME & ADDRESS OF CONSIGNEE, DIMENSION OF PACKAGE, WEIGHT DETAILS : GROSS , TARE & NETT These markings should be stenciled or written in bold letters on the package. Should the package be small, suitable cards/metal tags giving these details may be tagged or nailed
13	<b>INSPECTION:</b> Final inspection will be carried out the destination/site/Purchaser's works by the authorized inspecting Officer, if so specified in the tender under Special Terms & Conditions. Whenever preliminary or stage inspection is to be carried out at supplier's works the same is subject to final acceptance after receipt of the material at the destination/Purchaser's works and the decision of the purchaser shall be final. The propriety of goods shall not pass until final acceptance by the purchaser
14	<b>REJECTION:</b> The seller shall intimate the purchaser in writing within 15 days (after being intimated about rejection of goods) regarding disposal action of the rejected material. If no advice is received within this time the purchaser shall be at liberty to return the material at the cost and risk of the seller after receiving the cost if any paid by the Purchaser including inward freight and other incidental charges. The Purchaser will not be responsible for the rejected material thereafter and no claim will rest on him.
15	<b>Delivery:</b> Purchaser shall not be liable to receive and pay for any supply made after delivery date stipulated in the order unless the delivery date is formally extended by the purchaser. Wherever the terms of delivery of the order is other than F.O.R. destination, delivery date will be reckoned as the date of dispatch or the date of readiness after inspection of the material where the Purchaser has agreed for inspection or collection.
16	<b>Test certificate:</b> The seller shall carry out such tests as prescribed by the purchaser / as required in accordance to the relevant national or international standards, in his works and/or and other places as stipulated in the order. Necessary test certificate shall be submitted with delivery of materials. The seller shall also provide at no extra cost the required number of catalogues, drawing and other manuals related to materials under this order.
17	<b>TERMS OF PAYMENT:</b> Payment will normally be made within a month of receipt of material in good condition at destination. Any other payment terms have to be mutually agreed. The seller shall send dispatch documents, invoice etc. in such quantum and a manner as provided in the order. (I) It is expressly understood that in the event of rejection of the materials for which payment has been made against document's through bank the Purchaser reserves the right to claim from the seller the amount paid and the incidental charged incurred in the same manner i.e. negotiating return dispatch documents, through Bank and the Seller shall honour such claim and retire the documents from the Bank. (ii) Bank charges for any payment claimed through Bank shall be borne by the seller and the seller shall also agree to bear any demurrage or other charges arising out of any delay in retirements or documents from Bank due to delayed, insufficient incorrect information furnished. (iii) The seller shall also ensure that the Carriers do not delay dispatch of the consignment once the carrier's receipt is obtained.
18	<b>GUARANTEE WARRANTY:</b> The materials shall be warranted for design material and workmanship and also for performance warranty as specially stipulated by the purchaser in the order in its annexure.
19	<b>INSURANCE:</b> Wherever specifically agreed to and directed, the supplier will insure the goods for all transit risks upto delivery of the goods at the final destination. In all other cases supplier must furnish particulars of dispatch for each consignment immediately after the dispatch of goods. Failure to do this will make the supplier responsible for making good any loss, which otherwise might have been recovered from underwriters.

**BHARAT HEAVY ELECTRICALS LIMITED**  
**PS-WR:HQ:NAGPUR**

PUR-F31/01

Page 3 OF 17

ENQUIRY NO.X018E

DT.12.08.2010

DUE DATE: 02.09.2010

20	<p><b>DELIVERY FAILURE, TERMINATION &amp; LIQUIDATED DAMAGE:</b> The parties hereto agree that the timely dispatch/delivery and completion of the other schedules as stipulated in order/contract shall be the essence of the Order/Contract. If the seller/contractor fails to complete the dispatch/ delivery and other schedules within the time period stipulated in the order/contract, or within any extension of time granted by the purchaser, it shall be lawful for the purchaser to recover damages for the breach of order/contract without prejudice to any other rights and/or remedies provided for, in order/contract and hereunder.</p> <p>The purchaser reserves the right to recover from the Seller/Contractor, as agreed liquidated damages and <b>not by way of penalty</b>, a sum equivalent to half percent {½% of the total contract price per week part thereof, subject to a maximum of ten percent @ 10%} of the total contract price excluding elements of taxes, duties and freight, if seller/contractor has failed to deliver any part of the goods within the period stipulated in the Order/Contract.</p> <p>The purchaser reserves the right to purchase from elsewhere on account of and at the risk and cost of the seller /contractor without notice to the seller /contractor of goods not so delivered or their equivalent , without canceling the order/contract in respect of the goods not yet due for delivery.</p> <p>The purchaser reserves the right to cancel the order/contract or a portion thereof for the goods not so delivered at the risk and cost of the seller/contractor and the seller/contractor shall be liable to the purchaser for any excess costs thereof.</p>
21	<p><b>RISK PURCHASE :</b> In the event the supplier has failed to deliver or dispatch whole of the goods or any part within the time stipulated or if the same were not available in his stock, the best and the nearest available substitute thereof may be purchased/arranged by purchaser from elsewhere at the risk and the cost of the seller. The purchaser at his option will be entitled to terminate the contract and seller shall be liable for any loss which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in clause 12 above.</p>
22	<p><b>PREFERENTIAL DELIVERY :</b> It should be noted that if an Order is placed on a higher tenderer as a result of this invitation to tender, in preference to the lowest acceptable offer in consideration of the earlier delivery, the seller will be liable to pay the purchaser the difference between the contract rate and that of the lowest acceptable tender on the basis of final price F.O.R. destination including all elements of freight, sales tax, duties and other incidentals in case of failure to complete supplies in terms of such contract within the date of delivery specified in the tender and contract.</p>
23	<p>Purchaser reserves its right to the Public Enterprises price preference facilities as admissible under the Govt. of India policy from time to time.</p>
24	<p>This order or any part thereof shall not be sub-contracted without the purchaser's consent.</p>
25	<p><b>METRIC SYSTEM:</b> Supplier is requested to indicate metric system measurements in all documents.</p>
26	<p><b>INDEMNITY:</b> The Seller shall indemnify the Purchaser against any claim due to any breach of patent, negligence, defective material or injury to seller or his agent.</p>
27	<p>In the event of any reduction in the price, due to change of Govt. duties after award to the work and before delivery commencement, purchaser is entitled to such reduction and may negotiate fresh price at its discretion.</p>
28	<p><b>GENERAL:</b> The purchaser reserves the right to split up the tender and place orders for individual item on different suppliers and also increase or decrease the quantity.</p>
29	<p><b>DISPUTES &amp; ARBITRATION:</b> All cases of disputes will be resolved according to the Indian Arbitration Act 1940</p>
30	<p><b>FORCE MAJEUR:</b> Acts of God, Acts of Government, War, Sabotage, Riots, Civil commotion, Police action, Revolution, Natural Calamities, Epidemic and other similar causes over which the supplier has no control, will amount to Force Majeur. Delay attributable to Force Majeur will be condoned; however the onus of establishing the reason of delay lies with the Supplier.</p>
31	<p>In case of any contradictions between General and special terms and conditions, the provisions in Special Terms &amp; Conditions will prevail.</p>

**BHARAT HEAVY ELECTRICALS LIMITED  
PS-WR:HQ:NAGPUR**

PUR-F31/01

Page 4 OF 17

ENQUIRY NO.X018 E

DT.12.08.2010

DUE DATE: 02.09.2010

**B) SPECIAL CONDITIONS OF CONTRACT**

SN	Description
01	<b>Quoted Rates:</b> Bidders shall quote all-inclusive rates on F.O.R. Destination basis, excepting cost of Transit Insurance. Transit Insurance will be covered under Open Marine Insurance policy of BHEL. The quoted rate should be firm for 60 days for the placement of order and further till the completion of order.
02	For Khaperkheda Project : First lot - 50 % of the requirement within one month from the date of PO. : Second lot - 25% by November'2010 ( After confirmation from project site ) : Third lot - Rest by January'2011 ( After confirmation from project site ) For Bhusaval Site UNIT-4 : First lot - 50 % of the requirement by December'2010 : Second lot - Rest 25% by February'2011 ( After confirmation from project site ) : Third lot - Rest by April'2011 ( After confirmation from project site ) UNIT-5 : First lot - 50 % of the requirement by March'2011 : Second lot - Rest 25% by May'2011 ( After confirmation from project site ) : Third lot - Rest by July'2011 ( After confirmation from project site )
03	<b>Supply Documentation:</b> Supplier shall deliver the material accompanied with Mfg. Batch Test Certificate (BTC) <b>issued by QA/QC department of the Manufacturer</b> in support of compliance with IS Specification. BTC must record the Volume of Solid. Consignee's acceptance of delivered material will be based on physical inspection/examination of delivered Lot and information recorded on BTC. Lots delivered without BTC will not be accepted by BHEL.
04	<b>Payment Terms:</b> BHEL Nagpur will pay 100% supply value for the accepted Lot within 30 days of delivery at destination and acceptance of the Lot, or within 30 days of receipt of Supply Invoice at BHEL Nagpur Office with supporting documents, whichever is later. Invoice shall contain Excise and Sales Tax registration numbers, shall accompany Excise Gate Pass (Original in case of full gate pass quantity or Authenticated Copy for part quantity) and Stores Receipt Voucher issued by Consignee as acceptance of the Lot. Payments will be made thru bank by EFT/RTGS mode for which bidder has to provide the bank details as mentioned in Clause-15 of this Special Terms and Conditions.
05	Bidder shall furnish Technical Specification of offered paints in the format furnished in Annexure-I enclosed herewith.
06	Bidder shall furnish Commercial Conditions in format given at Page-6, 7 of 9 with this Technical Bid. Bidder may specify any additional Commercial Conditions separately with Tech Bid. <b>Some of the Commercial Conditions have been pre-defined by BHEL therein. No deviations in respect of such pre-defined conditions will be accepted by BHEL. In case of any deviation in Pre-defined condition, offer is liable to be rejected.</b>
07	Price bid shall be quoted in the Price bid format given here. Bidder shall indicate the item rates in the Price Bid format. <b>Price Bid containing any Terms and Conditions shall be rejected.</b>
08	Required quantities may vary from the quantities indicated in this enquiry. Agreed rates shall remain firm for any variations in individual item quantities.
09	Short Closure: BHEL may short close the contract at any stage without assigning any reasons.
10	<b>Evaluation of offered rates</b> will be done with due consideration of Volume of Solids (VOS) in the offered paints. For the purpose of offer evaluation, quantities of paint will be extrapolated for minimum VOS as specified in the enquiry, as per Annexure-I. The following formula will be adopted. Quantity considering VOS = quantity of paint as per Annexure-1x (Minimum VOS / VOS of offered paint (as mentioned in Annexure-I)).
11	<b>Deviation in VOS of delivered paint/primer:</b> BHEL will carry out sample checks to confirm Actual VOS for every batch of paint/primer delivered at site. In case any downward deviation in VOS (AS OFFERED BY BIDDER AND MENTIONED IN ANNEXURE-I) in the delivered paints (Actual VOS) with reference to VOS indicated in BTC is found, pro-rata reduction will be made from the invoice amount while releasing payments. Formula of Rate for Payment shall be as under. Rate for Payment = P.O. Rate x Actual VOS / VOS OFFERED BY BIDDER IN ANNEXURE-I. In addition, In case of downward deviation in VOS, there will be a penalty @ 5% levied on the corresponding item value as claimed in the concerned invoice.
12	<b>Evaluation of Total Price:</b> Offers will be evaluated based on total price of all the items together and also <b>by considering the input credit of ED and local VAT of Maharashtra offered by the vendor.(i.e. total landed cost including taxes, duties and freight minus ED and Local VAT of Maharashtra paid for the same).</b> Purchase order will be placed separately for both the sites. Evaluation would be done site wise for all the required paint of that site together.

**BHARAT HEAVY ELECTRICALS LIMITED**  
**PS-WR:HQ:NAGPUR**

ENQUIRY NO.X018 E

DT.12.08.2010

Page 5 OF 17  
DUE DATE: 02.09.2010

**B) SPECIAL CONDITIONS OF CONTRACT**

<b>15) This is to inform you that BHEL is switching on to payment through Electronic Fund Transfer (EFT)/ RTGS. In order to implement the new system, the following details are to be furnished by you pertaining to your Bank Accounts where proceeds will be transferred through our Banker:</b>	
1.	<b>Name of the Company</b>
2.	<b>Name of Bank</b>
3.	<b>Name of Bank Branch &amp; Branch Code</b>
4.	<b>City</b>
5.	<b>Account Number</b>
6.	<b>Account type</b>
7.	<b>IFSC code of the Bank Branch</b>
8.	<b>MICR Code of the Bank Branch</b>
<b>Note:- Your bankers signature and seal is required.</b>	
16	Bidder must confirm whether Excise Invoice shall be given or not. In case bidder confirms that excise invoice shall be given, then the evaluation of bid shall be on the basis landed cost to BHEL excluding Excise Duty.
17	In case bidder fails to supply the material as per delivery schedule of this tender, LD shall be levied as per clause no.20 of GGC of this tender specification.
18	BHEL reserves the right to reject or accept the tender without assigning any reasons whatsoever.
19	Purchase Order will be released for the quantities considering VOS and 20 Ltrs Can.
20	Paints and thinner should have a shelf-life of at least 06 months from the date of receipt at site
13	<b>ANY BID CONTAINING BOTH TECHNICAL AND PRICE BID IN THE SAME ENVELOPE WILL BE REJECTED.</b>
14	<b>Bidder to submit "Un Priced Price format" duly filled and signed along with the technical bid. The price should be quoted as specified in the price format with split up details.</b>
15	BHEL will issue "C-Form" in case of supply from outside Maharashtra and if delivers the paints from within Maharashtra state, and charges us local sales tax by issuing tax invoices, credit will be given for such local tax, for the purpose of evaluation.
16	<b>VOS test – Supplier has to collect sample from site for the delivered lot and get it tested at BHEL-Bhopal Unit/ BHEL approved laboratory and the result of the test of the supplied lot to be sent to Nagpur office and the copy to Site.</b>

Thanking you,

Yours faithfully,  
For Bharat Heavy Electricals Ltd.

SR ENGINEER (PURCHASE)

**BHARAT HEAVY ELECTRICALS LIMITED**  
**PSWR: HQ: NAGPUR**

PAGE 6 OF 17

**TECHNO-COMMERCIAL TERMS & CONDITIONS: (PART OF TECHNICAL CUM COMMERCIAL BID)**

ENQUIRY NO. X018 E

DT.12.08.2010

DUE DATE: 02.09.2010

SN	DESCRIPTION OF T&C	CONDITIONS AS REQUIRED BY BHEL	CONDITIONS AS OFFERED BY BIDDER
01	DELIVERY TERMS	F.O.R. DESTINATION	F.O.R. DESTINATION
02	PLACE OF DELIVERY	<b>(A) BHUSAWAL</b> Construction Manager BHEL Site Office, 2x500 MW MSPGCL, BHUSAWAL TPS, DEEP NAGAR PO, DIST: JALGON MAHARASTRA -425307 <b>(B) KHAPERKHEDA</b> BHEL SITE OFFICE, 1X 250 MW UNITS, KHAPERKHEDA TPS, TQ. SAONER, DIST.NAGPUR-425 307 MAHARASHTRA.	<b>(A) BHUSAWAL</b> Construction Manager BHEL Site Office, 2x500 MW MSPGCL, BHUSAWAL TPS, DEEP NAGAR PO, DIST: JALGON MAHARASTRA -425307 <b>(B) KHAPERKHEDA</b> BHEL SITE OFFICE, 1X 250 MW UNITS, KHAPERKHEDA TPS, TQ. SAONER, DIST.NAGPUR-425 307 MAHARASHTRA.
03	DELIVERY PERIOD FROM THE DATE OF ORDER	AS PER SN-2 OF SPECIAL CONDITIONS OF CONTRACT	AS PER SN-2 OF SPECIAL CONDITIONS OF CONTRACT
04	VALIDITY OF THE OFFER	AS PER SN-1, SPECIAL CONDITION OF CONTRACT.	AS PER SN-1, SPECIAL CONDITION OF CONTRACT.
05	CURRENCY OF PAYMENT	INDIAN RUPEES	INDIAN RUPEES
06	PACKING & FORWARDING CHARGES	<b>BIDDER TO INCLUDE IN QUOTED RATES</b>	<b>INCLUDED IN THE QUOTED RATE</b>
07	EXCISE DUTY (% <b>RATE</b> ) WITH <b>EDUCATIONAL CESS</b>	EXTRA AS APPLICABLE ON THE DATE OF ED GATE PASS (COPY SHOULD BE PROVIDED). BIDDER TO INDICATE PRESENT RATE.	EXTRA AS APPLICABLE. PRESENT RATE @ .....%
08	EXICSE INVOICE TO AVAIL CENVAT BENEFIT BY BHEL	SHALL BE PROVIDED/ NOT PROVIDED	<input type="checkbox"/> <b>SHALL BE PROVIDED</b> <input type="checkbox"/> <b>NOT PROVIDED</b>
09	SALES TAX / VAT INCLUDING SURCHARGE, TURNOVER TAX ETC. <b>WITH CONCESSIONAL FORMS LIKE "C" / "D"</b>	EXTRA AS APPLICABLE ON THE DATE OF DISPATCH. BIDDER TO INDICATE PRESENT RATE.	EXTRA AS APPLICABLE. PRESENT RATE @ .....%
09-A	LOCAL TAXABLE INVOICES OF GUJARAT FOR THE CREDIT	SHALL BE PROVIDED/ NOT PROVIDED	<input type="checkbox"/> <b>SHALL BE PROVIDED</b> <input type="checkbox"/> <b>NOT PROVIDED</b>
10	OCTROI / ENTRY TAX AT PLACE OF ORIGIN	<b>BIDDER TO INCLUDE IN QUOTED RATES</b>	<b>INCLUDED IN QUOTED RATE</b>
11	OCTROI / ENTRY TAX AT DESTINATION	IN BHEL ACCOUNT	IN BHEL ACCOUNT
12	FREIGHT CHARGES UP TO DESTINATION	<b>BIDDER TO INCLUDE IN PRICE BID</b>	<b>INCLUDED IN QUOTED RATE</b>
13	TRANSIT INSURANCE CHARGES	UNDER BHEL'S OPEN MARINE POLICY. Consignor to intimate dispatch details to BHEL's Underwriter.	UNDER BHEL'S OPEN MARINE POLICY. Consignor will intimate dispatch details to BHEL's Underwriter.
14	ANY OTHER CHARGES	<b>BIDDER TO INCLUDE IN QUOTED RATES</b>	<b>INCLUDED IN QUOTED RATE</b>

**TECHNO-COMMERCIAL TERMS & CONDITIONS: (PART OF TECHNICAL CUM COMMERCIAL BID)**

ENQUIRY NO. X018 E

DT.12.08.2010

DUE DATE: 02.09.2010

SN	DESCRIPTION OF T&C	CONDITIONS AS REQUIRED BY BHEL	CONDITIONS AS OFFERED BY BIDDER
15	PAYMENT TERMS	AS SPECIFIED IN SN. 04 OF SPECIAL CONDITIONS	AS SPECIFIED IN SN. 04 OF SPECIAL CONDITIONS
16	MODE OF DISPATCH	BY ROAD	BY ROAD
17	NAME OF THE GOODS MANUFACTURER / PRINCIPALS	<b>TO BE INDICATED BY BIDDER</b>	
18	BRAND NAME OF PAINT	TO BE INDICATED BY BIDDER	
19	AUTHORIZED DEALERSHIP CERTIFICATE, IF APPLICABLE	COPY TO BE FURNISHED BY BIDDER	NOT APPLICABLE
21	WARRANTY / GUARANTEE CONDITIONS	TO BE INDICATED BY BIDDER	
22	DATA SHEET OF ALL PAINTS/PRIMER	TO BE FURNISHED BY BIDDER	
23	PACKING SIZE OF THE CONTAINER	20 LTRS SEALED CONTAINERS.	20 LTRS SEALED CONTAINERS.
24a	CONTACT PERSON NAME		
24b	CONTACT PERSON PH NO		
24c	CONTACT PERSON EMAIL ADDRESS		

SIGNATURE & SEAL OF TENDERER

**Dully filled and signed this sheet should be sent as a part of technical bid. Otherwise the offer will not be considered for further processing**

**ANNEXURE-I**

**TECHNICAL SPECIFICATION OF PAINTS (PART OF TECHNICAL CUM COMMERCIAL BID)**

ENQUIRY No.X018 E

DT.12.08.2010

DUE DATE: 02.09.2010

**Project : Bhusawal 2X500MW,Unit 4 & 5**

			Unit 4	Unit 5		
S N	PAINT TYPE	COLOUR SHADE OF PAINT	PAINT QTY IN LTRS	PAINT QTY IN LTRS	Min VOS REQUIRED ( In %)	VOS OF OFFERED PAINT
1	HEAT RESISTENT ALUMINIUM IS13183 Gr-I	METALLIC ALUMINIUM	500	500	30	
2	SYNTHETIC ENAMEL IS 2932	BOTTLE GREEN SHADE NO. RAL 6007	200	200	40	
3	SYNTHETIC ENAMEL IS 2932	DEEP ORANGE SHADE NO. 591 OF IS 5	60	60	40	
4	SYNTHETIC ENAMEL IS 2932	FIRE RED SHADE NO. 536 OF IS 5	40	40	40	
5	SYNTHETIC ENAMEL IS 2932	GOLDEN BROWN SHADE NO. 414 OF IS 5	2,800	2,800	40	
6	SYNTHETIC ENAMEL IS 2932	GOLDEN YELLOW SHADE NO. 356 OF IS 5	1,000	1,000	40	
7	SYNTHETIC ENAMEL IS 2932	GREY - RAL9002	240	240	40	
8	SYNTHETIC ENAMEL IS 2932	PEBBLE GREY RAL7032	660	660	40	
9	SYNTHETIC ENAMEL IS 2932	PHIROZI SHADE NO. 176 OF IS 5	920	920	40	
10	SYNTHETIC ENAMEL IS 2932	POST OFFICE RED SHADE NO. 538 OF IS 5	120	120	40	
11	SYNTHETIC ENAMEL IS 2932	SEA GREEN SHADE NO. 217 OF IS 5	800	800	40	
12	SYNTHETIC ENAMEL IS 2932	SKY BLUE SHADE NO. 101 OF IS 5	460	460	40	
13	SYNTHETIC ENAMEL IS 2932	SMOKE GREY SHADE NO. 692 OF IS 5	35,200	35,200	40	
14	SYNTHETIC ENAMEL IS 2932	TRAFFIC BLACK SHADE NO. RAL 9017	2,500	2,500	40	
15	REDOXIDE PRIMER IS 12744	Red Oxide	4,500	4,500	50	
16	THINNER	Compatible with paint	3,000	3,000		
<b>NOTE :</b>						
3	Shelf life should be minimum 6 months from date of receipt at site					
5	Supplier shall deliver the material accompanied with manufacturing Batch test certificate (BTC) issued by QA/QC department of the manufacturer in support of compliance with IS specification. BTC must record the volume of solid (VOS).					
6	Inspection Requirement - Inspection by consignee at project site.					
7	<b>VOS test - To be tested by supplier at Bhopal / BHEL approved laboratory after collecting sample from respective site.</b>					

SIGNATURE & SEAL OF BIDDER

**NOTE: THIS SHEET IS TO BE FILLED BY TENDERER AND SUBMIT ALONG WITH THE TECHNICAL BID (FILL THE VOS OF THE OFFERED PAINT COLOUMN)**



**BHARAT HEAVY ELECTRICALS LIMITED  
PSWR-NAGPUR**

PAGE 9 OF 17

**ANNEXURE-I**

**TECHNICAL SPECIFICATION OF PAINTS (PART OF TECHNICAL CUM COMMERCIAL BID)**

ENQUIRY No.X018 E

DT.12.08.2010

DUE DATE: 02.09.2010

**Project : Khaperkheda 1X500MW**

S N	PAINT TYPE	COLOUR SHADE OF PAINT	PAINT QTY IN LTRS	Min VOS (In %)	VOS OFFERED
1	HEAT RESISTENT ALUMINIUM IS13183 Gr-I	METALLIC ALUMINIUM	500	30	
2	SYNTHETIC ENAMEL IS 2932	BOTTLE GREEN SHADE NO. RAL 6007	200	40	
3	SYNTHETIC ENAMEL IS 2932	DEEP ORANGE SHADE NO. 591 OF IS 5	60	40	
4	SYNTHETIC ENAMEL IS 2932	FIRE RED SHADE NO. 536 OF IS 5	40	40	
5	SYNTHETIC ENAMEL IS 2932	GOLDEN BROWN SHADE NO. 414 OF IS 5	2,800	40	
6	SYNTHETIC ENAMEL IS 2932	GOLDEN YELLOW SHADE NO. 356 OF IS 5	1,000	40	
7	SYNTHETIC ENAMEL IS 2932	GREY - RAL9002	240	40	
8	SYNTHETIC ENAMEL IS 2932	PEBBLE GREY RAL7032	660	40	
9	SYNTHETIC ENAMEL IS 2932	PHIROZI SHADE NO. 176 OF IS 5	920	40	
10	SYNTHETIC ENAMEL IS 2932	POST OFFICE RED SHADE NO. 538 OF IS 5	120	40	
11	SYNTHETIC ENAMEL IS 2932	SEA GREEN SHADE NO. 217 OF IS 5	800	40	
12	SYNTHETIC ENAMEL IS 2932	SKY BLUE SHADE NO. 101 OF IS 5	460	40	
13	SYNTHETIC ENAMEL IS 2932	SMOKE GREY SHADE NO. 692 OF IS 5	35,200	40	
14	SYNTHETIC ENAMEL IS 2932	TRAFFIC BLACK SHADE NO. RAL 9017	2,500	40	
15	REDOXIDE PRIMER IS 12744	Red Oxide	4,500	50	
16	THINNER	Compatible with paint	3,000		
<b>NOTE :</b>					
3	Shelf life should be minimum 6 months from date of receipt at site				
5	Supplier shall deliver the material accompanied with manufacturing Batch test certificate (BTC) issued by QA/QC department of the manufacturer in support of compliance with IS specification. BTC must record the volume of solid (VOS).				
6	Inspection Requirement - Inspection by consignee at project site.				
7	<b>VOS test - To be tested by supplier at Bhopal / BHEL approved laboratory after collecting sample from respective site.</b>				

**NOTE: THIS SHEET IS TO BE FILLED BY TENDERER AND SUBMIT ALONG WITH THE TECHNICAL BID (FILL THE VOS OF THE OFFERED PAINT COLOUMN)**

**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**KHAPERKHEDA SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	1	2	3	4
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

1. PLEASE USE ADDITIONAL SHEETS IF NECESSARY
2. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERER WITH SEAL

**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**KHAPERKHEDA SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	5	6	7	8
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

3. PLEASE USE ADDITIONAL SHEETS IF NECESSARY
4. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERER WITH SEAL

**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**KHAPERKHEDA SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	9	10	11	12
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

5. PLEASE USE ADDITIONAL SHEETS IF NECESSARY
6. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERRER WITH SEAL

**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**KHAPERKHEDA SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	13	14	15	16
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

7. PLEASE USE ADDITIONAL SHEETS IF NECESSARY
8. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERER WITH SEAL

**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**BHUSAVAL SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	1	2	3	4
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

9. PLEASE USE ADDITIONAL SHEETS IF NECESSARY
10. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERRER WITH SEAL

**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**BHUSAVAL SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E

DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	5	6	7	8
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

11. PLEASE USE ADDITIONAL SHEETS IF NECESSARY
12. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERRER WITH SEAL

**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**BHUSAVAL SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	9	10	11	12
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

13. PLEASE USE ADDITIONAL SHEETS IF NECESSARY  
 14. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERRER WITH SEAL



**PRICE BID FORMAT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**POWER SECTOR: WESTERN REGION: NAGPUR**  
**BHUSAVAL SITE**

NAME OF THE BIDDER: \_\_\_\_\_

SELLER'S REF. No. \_\_\_\_\_ DATE: \_\_\_\_\_

ENQUIRY No.: X018 E DT.12.08.2010

DUE DATE: 02.09.2010

S. N.	DESCRIPTION	13	14	15	16
A	ITEM DESCRIPTION AS PER ENQUIRY (PLEASE QUOTE THE BRAND NAME AND MODEL NUMBER)				
B	QTY OFFERED				
C	UNIT RATE				
D	CURRENCY				
E	DISCOUNT (%AGE & AMOUNT)				
F	DISCOUNTED UNIT RATE				
G	DISCOUNTED BASIC PRICE (G = B x F)				
H	PACKING & FORWARDING CHARGES				
I	EXCISE DUTY (PERCENTAGE AND AMOUNT)				
J	IMPORT DUTY (PERCENTAGE & AMOUNT)				
K	SALES TAX AS APPLI. WITHOUT C-FORM (PERCENTAGE & AMOUNT)				
L	FREIGHT UPTO DESTINATION				
M	TRANSIT INSURANCE				
N	OCTROI CHARGES / ENTRY TAX AT PLACE OF ORIGIN				
O	OCTROI CHARGES / ENTRY TAX AT DESTINATION				
P	<b>TOTAL PRICE AT DESTINATION ( SUM of 'G' to 'O')</b>				

**NOTES:**

15. PLEASE USE ADDITIONAL SHEETS IF NECESSARY  
 16. FURNISH FURTHER BREAK UP OF PRICE IF NECESSARY

SIGNATURE OF THE TENDERRER WITH SEAL



