



# BHARAT HEAVY ELECTRICALS LIMITED

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
PURCHASE DEPARTMENT - FOSSIL BOILERS  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

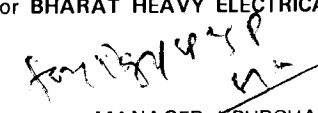
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GRAMS : BHARATELEC  
FAX NO: 2520719  
E-mail: srchandran@bheltry.co.in  
Web:

429-002/A

	<b>Enquiry No</b>  2661500102 - 75	<b>Enquiry Date</b>  31.03.2015	<b>Due Date for Quotation</b>  22.04.2015
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order			

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	Control Cable - 12 core x 1.0 sq.mm Item: Control Cable - 12 core 1.0 sq.mm No. of cores: 12 Conductor cross sectional area [sq.mm]: 1.0 Core material: Copper Copper Index [kg/km]: 162 Specifications: 1. Conductor : Fine-wire stranded conductor consisting of bare copper wires (following EN 60228). 2. Core Insulation : Mechanically high-quality TPE mixture. 3. Core stranding : Cores combined in bundles and stranded together around a center for high tensile stresses with adapted. Short pitch lengths and pitch directions, especially low-torsion structure. 4. Core identification : Cores black with white numerals, one core green-yellow. 5. Inner jacket : PVC mixture adapted to suit the requirement in energy chains. 6. Overall shield : Bending-resistant,braiding made of tinned copper wires. Coverage approx.55% linear, approx.80% optical. 7. Outer jacket : Low-adhesion mixture on the basis of PVC, adapted to suit the requirements in energy chains (following DIN VDE 0281 Part 5). Colour: Silver grey (similar to RAL 7001) 8. CFRIP : Strip cables 50% faster!The tear strip is in the inner jacket (starting from manufacturing date 5/2013) 9. Bending radius : Moved : < 10m travel distance 7.5 x d > = 10 m travel distance 15 x d Fixed : minimum 7.5 X d 10. Temperature : Moved: +5 °C to +70 °C for use in energy chains with >50.000 cycles -5°C to +70 °C following Din EN 60811 part 1-4 chapter 8.2	M	200.000	200.00	30.06.15

The offers should reach us 30 minutes before the time of opening of tenders.  
The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.

Yours faithfully,  
For **BHARAT HEAVY ELECTRICALS LIMITED**  
  
MANAGER / PURCHASE  
(FOSSIL BOILERS)  
Yours faithfully,



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Page  
2/9

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2661500102 / 31.03.2015

Fixed: -20 °C to +70 °C

11. V max : 3 m/s, 2 m/s
11. A max : 20 m/s sq.
12. Travel distance : Freely suspended travel distances but also for gliding application up to 50m, class 2
13. Nominal voltage : 300/300 v (following DIN VDE 0245)
14. Testing voltage : 2000 v (following DIN VDE 0281-2).
15. Flame-retardant : According to IEC 60332-1-2, CEI 20-35, FT1, VW-1
16. Silicon-free : Free from silicon which can affect paint adhesion (following PV 3.10.7 #status 1992)

Approvals and Standards:

1. UL/CSA : Style 10493 & 20200, 300 V, 60 °C
2. NFPA : Following NFPA 79-2012 chapter 12.9(starting from manufacturing date 9/2011)
3. CEI : Following CEI 20-35
4. CE : Following 2006/95/EG
5. LAED FREE: Following 2011/65/EG (RoHS-II).

Acceptable makes: IGUS/ LAPP / TKD/ HELUKABEL/KABELSCHLEPP only.


Note: Vendor shall visit the site for inspecting the type of cables used in the individual machines before quoting against the BHEL enquiry.

20	M	100.000	100.00	30.06.15
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- Shielded Power cable - 4 core, 2.5 sq.mm  
Item: Shielded Power cable - 4 core 2.5 sq.mm  
No. of cores: 4  
Conductor cross sectional area [sq.mm]: 2.5  
Core material: Copper  
Copper Index [kg/km]: 129  
Specifications:  
1. Conductor : Fine-wire stranded conductor in especially bending-resistance version consisting of bare copper wires (following EN 60228).  
2. Core Insulation : Mechanically high-quality, especially low-capacitance TPE mixture  
3. Core stranding : Cores stranded in short pitch lengths over a center for high tensile stresses.  
4. Core identification : Energy conductors: Cores black with white numerals, one core green-yellow.  
1. Core: U/L1/C/L+ 2. Core: V/L2  
3. Core: W /L3/D/L- 4. Core: 4/N  
5. Inner jacket : PVC mixture adapted to suit the requirement in energy chains.  
6. Overall shield : Extremely bending-resistance

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Yours faithfully,  
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Page  
3/9

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braiding made of  
tinned copper wire. Coverage approx.70%  
linear, approx.90% optical.  
7. Outer jacket : Low-adhesions mixture on the  
basis of PVC, adapted to  
suit the requirements in energy chains(following  
DIN VDE 0281 part 13).  
Colour: Jet black (similar to RAL 9005)  
8. CFRIP : Strip cables 50% faster!The tear  
strip is in the inner  
jacket (starting from manufacturing date  
5/2013)  
8. Bending radius : Moved minimum  $7.5 \times d$   
Fixed minimum  $4 \times d$   
10. Temperature : Moved:  $+5 \text{ }^\circ\text{C}$  to  $+70 \text{ }^\circ\text{C}$   
for use in energy chains with  
>50.000 cycles  
 $-5 \text{ }^\circ\text{C}$  to  $+70 \text{ }^\circ\text{C}$  following Din EN  
60811 part 1-4 chapter 8.2  
Fixed:  $-20 \text{ }^\circ\text{C}$  to  $+70 \text{ }^\circ\text{C}$   
11. V max : 10 m/s,5 m/s  
12. A max : 80 m/s sq.  
13. Travel distance : Freely suspended travel  
distances upto 100 m,class  
3  
14. UV-resistance : Medium  
15. Nominal voltage : 600/1000 v (following  
DIN VDE 0250)  
16. Testing voltage : 4000 v (following DIN  
VDE 0281-2).  
17. Oil : Oil-resistant (following DIN EN  
50363-4-1),Class 2.  
18. Flame-retardant : According to IEC  
60332-1-2, CEI 20-35, FT1, VW-1  
19. Silicon-free : Free from silicon which affect  
paint adhesion  
(following PV 3.10.7 #status 1992)  
Approvals and Standards:  
1. UL/CSA : Style 10492 & 2570, 1000 V,  
 $80 \text{ }^\circ\text{C}$   
2. NEPA : Following NEPA 79-2012 chapter  
12.9 (starting from  
manufacturing date 9/2011)  
3. CEI : Following CEI 20-35  
4. CE : Following 2006/95/EG  
5. LAED FREE : Following 2011/65/EG  
(RoHS-II).  
5. CLEAN ROOM : According to ISO class 2.  
Outer jacket materials  
compiles with CF5.10.07, tested by IPA  
according to standard 14644-1.  
Acceptable makes: IGUS/ LAPP / TKD/  
HELUKABEL/KABELSCHLEPP only.  
Note: Vendor shall visit the site for inspecting  
the type of cables used  
in the individual machines before quoting  
against the BHEL enquiry.

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
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100.00

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Page  
4/9

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Shielded Power cable - 4 core, 4.0 sq.mm  
Item: Shielded Power cable - 4 core 4.0 sq.mm  
No. of cores: 4  
Conductor cross sectional area [sq.mm]: 4.0  
Core material: Copper  
Copper Index [kg/km]: 197  
Specifications:  
1. Conductor : Fine-wire stranded conductor in especially bending-resistance version consisting of bare copper wires (following EN 60228).  
2. Core Insulation : Mechanically high-quality, especially low-capacitance TPE mixture  
3. Core stranding : Cores stranded in short pitch lengths over a center for high tensile stresses.  
4. Core identification : Energy conductors: Cores black with white numerals, one core green-yellow.  
1. Core: U/L1/C/L+ 2. Core: V/L2  
3. Core: W /L3/D/L- 4. Core: 4/N  
5. Inner jacket : PVC mixture adapted to suit the requirement in energy chains.  
6. Overall shield : Extremely bending-resistance braiding made of tinned copper wire. Coverage approx.70% linear, approx.90% optical.  
7. Outer jacket : Low-adhesions mixture on the basis of PVC, adapted to suit the requirements in energy chains(following DIN VDE 0281 part 13).  
Colour: Jet black (similar to RAL 9005)  
8. CFRIP : Strip cables 50% faster!The tear strip is in the inner jacket (starting from manufacturing date 5/2013)  
8. Bending radius : Moved minimum  $7.5 \times d$   
Fixed minimum  $4 \times d$   
10. Temperature : Moved:  $+5 \text{ }^\circ\text{C}$  to  $+70 \text{ }^\circ\text{C}$  for use in energy chains with  $>50.000$  cycles  
 $-5 \text{ }^\circ\text{C}$  to  $+70 \text{ }^\circ\text{C}$  following Din EN 60811 part 1-4 chapter 8.2  
Fixed:  $-20 \text{ }^\circ\text{C}$  to  $+70 \text{ }^\circ\text{C}$   
11. V max : 10 m/s,5 m/s  
12. A max : 80 m/s sq.  
13. Travel distance : Freely suspended travel distances upto 100 m,class 3  
14. UV-resistance : Medium  
15. Nominal voltage : 600/1000 v (following DIN VDE 0250)  
16. Testing voltage : 4000 v (following DIN VDE 0281-2).  
17. Oil : Oil-resistant (following DIN EN 50363-4-1),Class 2.

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Page  
5/9

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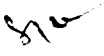
18. Flame-retardant : According to IEC 60332-1-2, CEI 20-35, FT1, VW-1  
19. Silicon-free : Free from silicon which affect paint adhesion (following PV 3.10.7 #status 1992)  
Approvals and Standards:  
1. UL/CSA : Style 10492 & 2570, 1000 V, 80 °C  
2. NEPA : Following NEPA 79-2012 chapter 12.9 (starting from manufacturing date 9/2011)  
3. CEI : Following CEI 20-35  
4. CE : Following 2006/95/EG  
5. LAED FREE : Following 2011/65/EG (RoHS-II).  
5. CLEAN ROOM : According to ISO class 2.  
Outer jacket materials compiles with CF5.10.07, tested by IPA according to standard 14644-1.  
Acceptable makes: IGUS/ LAPP / TKD/ HELUKABEL/KABELSCHLEPP only.  
Note: Vendor shall visit the site for inspecting the type of cables used in the individual machines before quoting against the BHEL enquiry.

40 M 50.000 50.00 30.06.15

Shielded Power cable - 4 core, 6.0 sq.mm  
Item: Shielded Power cable - 4 core 6.0 sq.mm  
No. of cores: 4  
Conductor cross sectional area [sq.mm]: 6. 0  
Core material: Copper  
Copper Index [kg/km]: 299  
Specifications:  
1. Conductor : Fine-wire stranded conductor in especially bending-resistance version consisting of bare copper wires (following EN 60228).  
2. Core Insulation : Mechanically high-quality, especially low-capacitance TPE mixture  
3. Core stranding : Cores stranded in short pitch lengths over a center for high tensile stresses.  
4. Core identification : Energy conductors: Cores black with white numerals, one core green-yellow.  
1. Core: U/L1/C/L+ 2. Core: V/L2  
3. Core: W /L3/D/L- 4. Core: 4/N  
5. Inner jacket : PVC mixture adapted to suit the requirement in energy chains.  
6. Overall shield : Extremely bending-resistance braiding made of tinned copper wire. Coverage approx.70% linear, approx.90% optical.  
7. Outer jacket : Low-adhesions mixture on the basis of PVC, adapted to

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Yours faithfully,  
For **BHARAT HEAVY ELECTRICALS LIMITED**

  
MANAGER / PURCHASE  
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Page  
6/9

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2661500102 / 31.03.2015

suit the requirements in energy chains(following  
DIN VDE 0281 part 13).

Colour: Jet black (similar to RAL 9005)

8. CFRIP : Strip cables 50% faster!The tear  
strip is in the inner

jacket (starting from manufacturing date  
5/2013)

8. Bending radius : Moved minimum 7.5 x d  
Fixed minimum 4 x d

10. Temperature : Moved: +5 °C to +70 °C  
for use in energy chains with  
>50.000 cycles

-5°C to +70 °C following Din EN  
60811 part 1-4 chapter 8.2

Fixed: -20 °C to +70 °C

11. V max : 10 m/s,5 m/s

12. A max : 80 m/s sq.

13. Travel distance : Freely suspended travel  
distances upto 100 m,class

3

14. UV-resistance : Medium

15. Nominal voltage : 600/1000 v (following  
DIN VDE 0250)

16. Testing voltage : 4000 v (following DIN  
VDE 0281-2).

17. Oil : Oil-resistant (following DIN EN  
50363-4-1),Class 2.

18. Flame-retardant : According to IEC  
60332-1-2, CEI 20-35, FT1, VW-1

19. Silicon-free : Free from silicon which affect  
paint adhesion

(following PV 3.10.7 #status 1992)

Approvals and Standards:

1. UL/CSA : Style 10492 & 2570, 1000 V,  
80 °C

2. NEPA : Following NEPA 79-2012 chapter  
12.9 (starting from  
manufacturing date 9/2011)

3. CEI : Following CEI 20-35

4. CE : Following 2006/95/EG

5. LAED FREE : Following 2011/65/EG  
(RoHS-II).

5. CLEAN ROOM : According to ISO class 2.  
Outer jacket materials

compiles with CF5.10.07, tested by IPA  
according to standard 14644-1.

Acceptable makes: IGUS/ LAPP / TKD/  
HELUKABEL/KABELSCHLEPP only.

Note: Vendor shall visit the site for inspecting  
the type of cables used  
in the individual machines before quoting  
against the BHEL enquiry.

50	M	100.000	100.00	30.06.15
Shielded Power cable - 4 core, 16 sq.mm Item: Shielded Power cable - 4 core 16.0 sq.mm No. of cores: 4 Conductor cross sectional area [sq.mm]: 16. 0				

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Page  
7/9

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Core material: Copper

Copper Index [kg/km]: 748

Specifications:

1. Conductor : Conductor cable consisting of pre-leads (following EN 60228).

2. Core Insulation : Mechanically high-quality, especially

low-capacitance TPE mixture

3. Core stranding : Cores stranded in short pitch lengths over a center for high tensile stresses.

4. Core identification : Energy conductors:

Cores black with white

numerals, one core green-yellow.

1. Core: U/L1/C/L+ 2. Core: V/L2

3. Core: W /L3/D/L- 4. Core: 4/N

5. Inner jacket : PVC mixture adapted to suit the requirement in energy chains.

6. Overall shield : Extremely bending-resistance braiding made of

tinned copper wire. Coverage approx.70%

linear, approx.90% optical.

7. Outer jacket : Low-adhesions mixture on the basis of PVC, adapted to

suit the requirements in energy chains(following DIN VDE 0281 part 13).

Colour: Jet black (similar to RAL 9005)

8. CFRIP : Strip cables 50% faster!The tear strip is in the inner

jacket (starting from manufacturing date 5/2013)

8. Bending radius : Moved minimum 7.5 x d

Fixed minimum 4 x d

10. Temperature : Moved: +5 °C to +70 °C for use in energy chains with

> 50.000 cycles

-5°C to +70 °C following Din EN

60811 part 1-4 chapter 8.2

Fixed: -20 °C to +70 °C

11. V max : 10 m/s,5 m/s

12. A max : 80 m/s sq.

13. Travel distance : Freely suspended travel distances upto 100 m,class

3

14. UV-resistance : Medium

15. Nominal voltage : 600/1000 v (following DIN VDE 0250)

16. Testing voltage : 4000 v (following DIN VDE 0281-2).

17. Oil : Oil-resistant (following DIN EN 50363-4-1),Class 2.

18. Flame-retardant : According to IEC 60332-1-2, CEI 20-35, FT1, VW-1

19. Silicon-free : Free from silicon which affect paint adhesion

(following PV 3.10.7 #status 1992)

Approvals and Standards:

1. UL/CSA : Style 10492 & 2570, 1000 V,

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Page  
8/9

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- 80 °C
2. NEPA : Following NEPA 79-2012 chapter 12.9 (starting from manufacturing date 9/2011)
  3. CEI : Following CEI 20-35
  4. CE : Following 2006/95/EG
  5. LAED FREE : Following 2011/65/EG (RoHS-II).
  5. CLEAN ROOM : According to ISO class 2.
- Outer jacket materials compiles with CF5.10.07, tested by IPA according to standard 14644-1.  
Acceptable makes: IGUS/ LAPP / TKD/ HELUKABEL/KABELSCHLEPP only.  
Note: Vendor shall visit the site for inspecting the type of cables used in the individual machines before quoting against the BHEL enquiry.

#### General Note:

1. POINT-BY-POINT CONFIRMATION TO BHEL'S SPECIFICATIONS, COMMERCIAL TERMS & CONDITIONS ARE TO BE PROVIDED BY THE VENDORS IN "ANNEXURE A & B.

2. FILL UP ANNEXURE A. PLEASE ENSURE THAT ALL TERMS & CONDITIONS SHOULD BE INDICATED IN THE UN-PRICED BID TO BE ATTACHED WITH THE TECHNO-COMMERCIAL BID POSITIVELY.

3. VALIDITY OF THE OFFER SHOULD NOT BE LESS THAN 90 DAYS.

4. THE ORDER WILL BE PLACED ON INDIVIDUAL ITEMWISE L1 BASIS

5. THE BIDDER SHALL MEET PRE-QUALIFICATION CRITERIA

6. WHEREVER FOR SPLITTING OF ORDER AS PER ANNEXURE II CLAUSE 27, IF SPLITTED QUANTITY COMES OUT <1, THE SPLITTING OF ORDER WILL NOT BE FEASIBLE. (For MSE vendors)

#### LIST OF ATTACHMENTS:

1. Pre qualification criteria
2. ANNEXURE-II TERMS AND CONDITIONS OF THE ENQUIRY. (TWO PART-BID)
3. ANNEXURE-V- CA certificate format(as per MSMED act 2006) to be furnished, if applicable -Refer ANNEXURE II CLAUSE 27 (For MSE vendors)
4. ANNEXURE-A CHECK LIST FOR TECHNICAL & COMMERCIAL TERMS CONFIRMATION-TO BE FILLED BY THE SUPPLIER.
5. ANNEXURE-B MODEL PRICE BID FORMAT.
6. ANNEXURE-VI CHECK LIST TO BE SUBMITTED ALONG WITH OFFER

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Page  
9/9

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**Enclosures:**

"LD clause has to be confirmed without fail."

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MANAGER / PURCHASE  
(FOSSIL BOILERS)  
Yours faithfully,

## PRE - QUALIFICATION CRITERIA

The BIDDER/VENDOR has to compulsorily meet all the following requirements and supporting documents should be furnished with out which the offer will not be considered for technical evaluation.

S.No.	Requirements	Vendors Response
1	Only those vendors who have supplied similar type special purpose control, power and communication cables to industries should quote.	Vendor to specify
2	Bidder should furnish reference list of customers, with full contact details to whom similar systems have been supplied in the past. The vendor should also submit following details which are necessary for qualifying their offer. a) Name and postal address of the customer or company where similar item supplied along with contact phone numbers and email address of the contact person of the customer.  b)Documentary evidence of Previous Purchase Orders	Vendor to specify
3	Authorization certificate from the Principal Supplier should be submitted in case a Dealers/ Agents.	Vendor to specify

**TERMS AND CONDITIONS OF THE ENQUIRY (TWO PART BID)**

1. The tender will be operated on two part bid basis i.e. (I).Techno-Commercial Bid & (II).Price Bid.
2. Techno-Commercial Bid: Containing Technical details, specifications, commercial terms and conditions like percentage of Freight & Insurance, ED WITH CESS, Taxes ,delivery terms, delivery schedule, validity of offer, payment terms (except price details), acceptance for LD clause, RP clause etc. as per ANNEXURE-A shall be put in a cover (1) and super scribed as "Techno-Commercial Bid" for Enquiry No: .....Dt: .....Due Dt.: .....
3. Price Bid: Containing the price details shall be put in a separate cover (2) and superscribed as "Price Bid" for Enquiry No: .....Dt.: .....Due Dt.: ..... as per ANNEXURE –B (submitted in your company letter head)
4. You are requested to put the above two envelopes (Techno-Commercial Bid & Price Bid) inside a separate larger sealed envelope and this envelope shall be super scribed as "Techno-Commercial Bid and Price Bid" for Enquiry No: .....Dt.: .....Due Dt.: .....
- Your Quotations should be sent to:  
The Manager,  
Purchase Department // CP&SP /266/75  
Section- Materials Management / Raw Materials,  
24 Building (4th Floor),  
Bharat Heavy Electricals Limited,  
Tiruchirappalli - 620 014.
5. Tender should not be addressed to any individual's name but only by designation.
6. Tenders 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 quoted in words and figures, amount quoted in words shall only be considered.
7. Please submit point wise compliance to our specifications, terms and conditions. Otherwise it will be presumed that you are accepting BHEL's terms and conditions. Fill Up Annexure A. Please Ensure That All Terms & Conditions Should Be Indicated in The Un-Priced Bid To Be Attached With The Techno-Commercial Bid Positively(ANNEXURE-A)
8. Offer/s received after due date and time: **02:00 pm** will not be considered under any circumstances.
9. **Validity** of quoted rates should be maintained minimum for **90 days** from the date of Tender opening for ordering (Technical Bid). The quoted/Finalized rates shall be Firm till completion of the supplies.
10. The rates are to be quoted on **F.O.R. destpatching station basis (Inclusive of Packing, Forwarding) and separately Freight & Transit Insurance charges which are payable to supplier**. All the items should be supplied at our stores, BHEL / TRICHY-14 at your own cost. Offers with any other delivery conditions is not acceptable .

IMPORTANT NOTE: (I) Delivery condition like Ex-works / Ex-godown / Transportation of materials through transport carriers from your works up to the transport carrier's office at Tiruchy and taking delivery of goods by BHEL from such office of transport carriers is not acceptable to us)

**11. Payment Terms (Indigenous)**

Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.

Any deviation in the above payment term will attract loading as mentioned below.

"Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.

Payment through Bank is not preferred. In case of Payment through Bank is opted by Supplier, BHEL prefers documents submission through bank with copy of LR and door delivery of Goods to Site/Stores with Consignee copy attached. In this case Loading will be 3% on the offered value.

Offers of indigenous Suppliers with payment terms as LC/Advance Payment are liable for rejection.

**Payment term for supply portion( For import supplies)**

BHEL Payment term is 100% payment on CAD basis after 45 days from the date of receipt of documents, specified in PO, at BHEL bank. Respective bank charges to respective account.

Any deviation in the above payment term will attract loading as mentioned below.

“Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.

In the case of Usance LCs the loading will be considered @ 1.5% on the offered Value.

For LC at sight the loading will be considered @ 3.5% on the offered Value.

Normally CAD at sight and Confirmed LCs are liable for rejection.

**Payment terms for Indian agent:**

Indian Agency Commission ,if any, shall be clearly specified in the offer and the same will be paid in Indian Rupees against acceptance of the materials

**12. Liquidated Damages / Penalty:-**

Liquidated damages shall be 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part there of subject to a maximum of 10% of the total order value.

Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

13. If Guarantee / Warranty period is applicable as per tender specification, No deviation permitted and deviated

offers are liable for rejection.

**14. IMPORTANT NOTE: BHEL WILL CONSIDER THE RANKING AFTER THE LOADING IS APPLIED AS REFERRED ABOVE WHEREVER DEVIATIONS ARE OBSERVED.**

15. No revision of prices will be entertained at any circumstances after tenders are opened.

16. If any sales tax is payable as extra to the quoted price it should be specifically stated in quotations along with CST & VAT Number failing which the purchaser will not be liable for payment of sales tax. Our TIN 33243560005 dt.01.01.2007 & CST no 239383 DT, 11.06.1991

17. On the due date of tender opening, only the technical bids will be opened. Technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. The price bids of techno-commercially suitable bidders will be opened at a later date with prior intimation to respective suitable bidders.

18. Ranking L-1, L-2 etc. shall be done generally on each individual items for the techno-commercially acceptable offers on landed cost to BHEL, Trichy basis and BHEL reserves the right to place order for individual items with different vendors. At special circumstance ranking shall be done on compatible basis which will be indicated through Enquiry special instruction General Notes.

19. BHEL reserves the right to increase or decrease the tender quantity and split up the tender quantity among more than one vendor at the lowest acceptable price to BHEL and place order accordingly in any proportion at our own discretion.

20. Lowest price received against BHEL tenders need not be the technically acceptable one and in that case BHEL reserves the right not to consider the same. 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.

21. BHEL reserves the right to negotiate or refloat the tender opened, if L1 price is not the lowest acceptable price to BHEL due to inter-alia other reasons.

22. **PACKING AND MARKING:** The supplier shall arrange for securely protecting and packing the stores to avoid loss or damages during transit.

23. **RISK PURCHASE:** Alternatively the purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the previous supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitutes therefore. The new supplier 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 our LD clause.

24. **PREFERENTIAL DELIVERY:**(Applicable in the case of BHEL's Enquiry specifies Preferential Delivery in the Special Instructions) It should be noted if a contract is placed on a higher tendered 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 to 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 freights, Sales tax, duties and other incidents, incidental in case of failure to complete supplies in terms of such contract within the date of delivery specified in the tender and incorporated in the contract, such difference amount in addition to penalty at the rate mentioned in our LD clause.

25. CENVAT CREDIT: If any Excise Duty is payable, the Chapter Head / Sub-head reference and the rate of the duty should be quoted. If the Tenderer is availing CENVAT credit for this input material, the effect of Performa credit should be passed on to the purchaser. Tenderer under "CENVAT" shall be preferred.

26. Any other conditions which might have been quoted by the seller and are in contravention to the terms prescribed in the order and which have not been specifically accepted by purchaser in written will not be applicable to the contract.

27. The bidder may also be a Micro and Small Enterprises (MSE) vendor registered as per MSE act. As per the public procurement policy notified by the Central government,

20% of the tendered quantity is earmarked for MSE suppliers in this tender.

Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs.

In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.

"MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM, II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -V where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part I in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. **Documents should be notarized or attested by a Gazetted officer.**"

28. For verification of data submitted towards evaluation of bidder's capability, BHEL may decide to visit the bidder(s) works. Any fact found deviating from submitted data shall make the bidder liable to be disqualified.

29. In the event of more than one vendor becoming L1 for any of the item / items, the enquiry quantity for those item / items will be shared equally among all the L1 vendors.

30. The correspondence between the bidder and BHEL through email is considered as valid document Legally though not signed. It is treated as valid confirmations made on behalf of the respective company and comes under the legal ambit of the business transaction and hence binding on both the parties.

31. Equipment will be inspected and proved at vendor's works prior to dispatch, if applicable as per tender condition. However final inspection and acceptance of equipment will be after installation at BHEL, Trichy.

32. Erection / commissioning charges, if applicable as per tender condition will be clearly mentioned in the offer or else confirmation that Erection / commissioning shall be done at free of cost is available in the offer.

33. Price shall be quoted item wise.

34. Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, TIRUCHIRAPALLI basis

35. The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost.

36. Part Shipment or Transshipment is not permissible. (For import supplies)

37. In case of any short shipment in the main equipment / spares, where separate rates are not available in the contract, the customs duty levied on such supplies, shall be borne by the supplier / Indian agent. (For import supplies)

38. Indicate Nearest airport & sea port, Country of Origin. (For import supplies)

39. Vendors Meeting Our Pre-Qualification Criteria & Technical Specification Will Be Essential For Consideration Of Offer.

40. For The Vendor Willing To Participate In Tender Opening, The Representative Should Have Valid Company ID Proof & Authorization Letter From The Concerned Firm Who Has Submitted The Offer.

41. After Technical Scrutinisation Of The Offers, Price Bid Of Only Technically Qualified Vendors Will Be Opened With Prior Intimation.

42. If The Due Date Of Tender Opening Happens to be a Holiday, Those Tenders Will Be Opened On Next Working Days

43. For any clarification you can contact to [pgavictor@bheltry.co.in](mailto:pgavictor@bheltry.co.in), [rravic@bheltry.co.in](mailto:rravic@bheltry.co.in), [surajkumar@bheltry.co.in](mailto:surajkumar@bheltry.co.in)

44. This Tender Is Hosted Both In Bhel Website And In NIC, PSU Portal And Any Corrigendum May Be Viewed in BHEL's website <http://www.bhel.com> (Tender Notification page)

Govt. Tender website <http://tenders.gov.in> (Public sector units > Bharat Heavy Electricals Limited Page)

45. If we receive offer from both Manufacturer and their Agent / Dealer or any other, the offer of Manufacturer only will be considered.

**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—II) ..... dtd.....  
Category: .....(Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the  
latest audited financial year ..... 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:  
Rs... ..Lacs

**(Strike off whichever is not applicable)**

The above investment of Rs .....Lacs is within permissible limit of  
Rs. ....Lacs for .....Micro / Small **(Strike off which is not applicable)**  
Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/ Small) **(Strike off which is not applicable)** and the date of graduation of such enterprise from its original category is .....  
(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name -

Membership number –

Seal of chartered accountant

**ANNEXURE –A (CHECK LIST FOR TECHNICAL & COMMERCIAL TERMS CONFIRMATIONS)****(a).TECHNICAL TERMS CONFIRMATION: AGAINST ALL ENQ SL NOS. (SUBMITTED IN COVER NO: 1)**

ENQ SL NO	BHEL SPECIFICATIONS	VENDOR'S SPECIFICATION	unit	Quantity	Consignment against each separately	weight item	whether quoted/ not quoted
10							
20							
30							

**(b).COMMERCIAL TERMS CONFIRMATION REQUIRED FROM SUPPLIERS (SUBMITTED IN COVER NO: 1)**

SL NO	DESCRIPTION	BHEL REQUIREMENTS	Vendor to fill up
1	VALIDITY	MINIMUM 90 Days from Date of tender opening	
2	PRICE QUOTED	FOR BHEL TRICHY STORES INCLUSIVE OF PACKING & FORWARDING CHARGES.	
3	EXCISE DUTY WITH CESS (Whether inclusive (or) extra) Clearly mention the percentage	SUPPLIER TO QUOTE	
4	VAT % Clearly mention the percentage	SUPPLIER TO QUOTE	
5	CST % against form 'C' Clearly mention the percentage	SUPPLIER TO QUOTE	
6	FREIGHT & INSURANCE CHARGES FOR DELIVERY AT BHEL / TRICHY STORES	SUPPLIER TO QUOTE IN % ONLY	
7	DEIVERY SCHEDULE FROM THE DATE OF PURCHASE ORDER / LETTER OF INTENT	SUPPLIER TO QUOTE IN NO. OF DAYS/ WEEKS	
8	PAYMENT TERMS	As per <b>Clause 11</b> of Terms and Conditions of the Enquiry (Two Part Bid)	
9	LIQUIDATED DAMAGES CLAUSE	As per <b>Clause 12</b> of Terms and Conditions of the Enquiry (Two Part Bid)	
10	RISK PURCHASE CLAUSE	As per <b>Clause 23</b> of Terms and Conditions of the Enquiry (Two Part Bid)	
11	GUARANTEE / WARRANTY	AS PER TENDER CONDITION	
12	ERECTION / COMMISSIONING	AS PER TENDER CONDITION	
13.	Origin of dispatch	SUPPLIER TO QUOTE	
14.	Nearest airport & sea port (For import supplies)	SUPPLIER TO QUOTE	
15.	Country of Origin (For import supplies)	SUPPLIER TO QUOTE	
16	CONTACT PERSON DETAILS	NAME:	
		MOBILE NO:	
		LAND LINE NO:	
		EMAIL :	
		FAX:	

**NOTE:** a). -It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.

b)Your specific acceptance to our Payment terms,LD & Risk Purchase Clause are essential for consideration of your offer.

c).No row shall be left blank. Please indicate NA, in case the item is "not applicable"

Full postal Address:

Signature & Office Seal of the vendor

## ANNEXURE –B (MODEL PRICE BID FORMAT)

ENQ SL NO	BHEL SPECIFICATIONS	VENDOR'S SPECIFICATION	unit	quantity	Rate in Rs.	Value in Rs.
10						
20						
30						

**PRICE BID FORMAT OF ALL QUOTED ITEMS, IF ANY ITEM YOUR ARE NOT QUOTED SIMPLY YOU SHOULD MENTION AS "NOT QUOTED" AGAINST THAT ENQ SL NO. (SUBMITTED IN SEPARATE COVER NO: 2)**

## Annexure-VI

### CHECK LIST TO BE SUBMITTED ALONG WITH OFFER

SL NO	Documents submitted	Vendor's Confirmation Yes/No
01.	Offer Submitted in 2 part bid system i.e. (I).Techno-Commercial Bid & (II).Price Bid inside a separate larger sealed envelope and this envelope shall be super scribed as "Techno-Commercial Bid and Price Bid" for Enquiry No: .....Dt.: .....Due Dt.: .....	
02.	Annexure-A part-(a).TECHNICAL TERMS CONFIRMATION & part (b).COMMERCIAL TERMS CONFIRMATION to be SUBMITTED ALONGWITH IN COVER NO: 1	
03.	Annexure-B- Price Bid to be SUBMITTED IN SEPARATE COVER NO: 2	
04.	Pre-Qualification Criteria fulfilled& documents Submitted	
05.	Documents/technical catalogues /DRAWINGS, (wherever as applicable) submitted as per tender condition	
06.	point to point confirmation provided as per tender condition	