

**Bharat Heavy Electricals Ltd**  
Electronics Division  
Mysore Road, Bangalore – 560 026

**Tender Documents for Supply of 1 Core X 6sq-mm Copper Cable,  
EBXL XLPO /PVC Insulated, unarmoured, sheathed solar cable**

**RFQ Ref: HSBOS008**  
**RFQ Due Date: 22.09.2014**

This Tender Document Contains:

- (1) Request For Quotation
- (2) Technical Specifications : PS- 439-898
- (3) Enclosures B,B1&B2 : Commercial Terms & Conditions, Unpriced Bid Format and Price Bid Format
- (4) General Terms and Conditions (Doc Ref : SCPV/BOS/01-Rev 01)

Note:

Part – I: **To be submitted in a separate sealed cover.**

Part – II: **To be submitted in a separate sealed cover.**

Part-I & Part-II sealed covers should be put in outer envelope and super scribed with RFQ No., RFQ date and due date along with the Name & Address of the tenderer.

Tender document should be dropped in Tender drop box super scribed “**SC&PV-MM,Monday**” kept in reception area of BHEL – Electronics Division, Bangalore.

**For any clarification, the following may be contacted:**

Mr. H B Srinivasa, Sr.Manager (SC&PV-MM)

Ph: 080-26998495/09449869655

e-mail : [srinivasahb@bheledn.co.in](mailto:srinivasahb@bheledn.co.in)

Ms. Iswarya Raveendran, Engineer (SC&PV-MM)

Ph : 080 26998113

e-mail : [iswarya@bheledn.co.in](mailto:iswarya@bheledn.co.in)

# REQUEST FOR QUOTATION

	<b>BHARAT HEAVY ELECTRICALS LIMITED</b> Electronics Division PB No. 2606, Mysore Road Bangalore - 560026 INDIA	RFQ NUMBER: <b>HBSBOS008</b>  RFQ DATE : 04.SEP.2014	Due Date <b>22.SEP.2014</b> Time: <b>13:00 HRS</b>  VENUE : <b>NEW ENGG. BLDG</b>
MMI:PU:RF:003			

(for all correspondence)

Purchase Executive : SRINIVAS H B  
 Phone : 26998452  
 Fax : 00918026989217  
 E-mail: srinivasahb@bheledn.co.in

Please submit your lowest quotation subject to our terms and conditions attached for the material mentioned below. The quotation must be enclosed in a sealed envelope / Fax superscribed with RFQ no.and due date, should reach us on or before the due date by **13.00** hours IST and will be opened on the same day at **13.30** hours at the venue mentioned above. **PLEASE DROP THE OFFER IN THE BOX PROVIDED AT RECEPTION.**

- 1.Submit offer in Two Parts- Technical & Price Bid.
- 2.Technical Specification PS-439-898 Rev 00 enclosed.
- 3.Find attached Annexure B(Commercial Terms & Conditions),Annexure B1(Un Priced Bid Format) & Annexure B2 (Price Bid Format).
- 4.The dates indicated in Delivery Column of RFQ is tentative. Vendor to quote their delivery as indicated in Annexure B.

SI No.	Description	Qty	Unit	Delivery qty	Delivery Date
1	PS0679041451 1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Red Cable As per specs.PS-439-898 Test Certificate	169,000	M	26,000	15.NOV.2014
				22,000	15.NOV.2014
				11,000	15.NOV.2014
				8,000	15.NOV.2014
				80,000	15.NOV.2014
2	PS0679041460 1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Black Cable As per specs.PS-439-898 Test Certificate	169,000	M	11,000	15.NOV.2014
				80,000	15.NOV.2014
				26,000	15.NOV.2014
				22,000	15.NOV.2014
				8,000	15.NOV.2014
22,000	15.NOV.2014				

**Total Number of Items - 2**

Please note that the tender will be opened in the presence of the bidders or his authorised representatives (maximum two per organisation) who choose to be present with authorisation letters. Refer annexure for the terms and conditions.

Please specify Terms of delivery, Excise duty, sales tax, Ex-BHEL, Ex-works surcharge, Insurance,P&F, Freight and other taxes very clearly .  
 For evaluation,exchange rate(TT selling rate of SBI) as on scheduled date of tender opening (Part-I bid incase of two part bid) shall be considered.  
 The offers of the bidders who are on the banned list as also the offer of the bidders, who engage the services of the banned firms, shall be rejected.The list of banned firms is available on BHEL web site [www.bhel.com](http://www.bhel.com)

- i). This is only RFQ not an order.
- ii). In all correspondence quote RFQ No. & due date.
- iii). In Quotation BHEL material code / RFQ Sl. No. should be mentioned clearly.
- iv). Quotation Envelope / Fax not superscribed with RFQ No.and due date is liable for rejection.
- v). Quotation should remain valid for a minimum peiod of 90 days from due date.
- vi). In case of non-receipt of Quotation or regret letter for 3 consecutive RFQs you are liable to be removed from our vendors list.
- vii). All Prices should be written in words and numbers.
- viii). Excise Chapter Heading should be mentioned for all items where VAT is applicable .

For and On behalf of BHEL.

Page 1 OF 1



**Purchase specification; Group: Photovoltaics**  
**Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC**  
**insulated and Sheathed Solar Cable**

PS-439-898

REV NO: 00

PAGE : 1 OF 13

**COPY RIGHT AND CONFIDENTIAL**


**The information on this document is the property of Bharat Heavy Electricals Limited.**

**It must not be used directly or indirectly in anyway detrimental to the interest to the company**

**Technical specification**

**For Supply of 1 core x 6 sq-mm Copper Cable , EBXL XLPO/PVC insulated,**  
**unarmoured, sheathed, solar cable.**

Revision details :R 00	Prepared	Approved	Date
	 BKC/LNK	 SLR	14-07-2014

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 2 OF 13

### 1.0 Pre-qualification criteria:

(A) Vendor should have supplied 6 sq.mm cables as per this specification for a minimum length of 50 km to Solar power projects in the last 3 years from the date of opening of bid. Evidence to be produced in the form of copies of purchase orders. **Vendor acceptance (Yes / No).**

(B) Cables shall be manufactured in INDIA. **Vendor acceptance (Yes / No).**

**REFER ANNEXURE-1 ATTACHED WITH THIS SPECIFICATION FOR PROJECT DETAILS AND SCOPE OF SUPPLY.**

### 1.1 Item Description

This specification describes the requirements for 1 core x 6 sq-mm **EBXL XLPO** Insulated (**As per TUV specification: 2 Pfg 1169 / 08. 2007.**) and **PVC** insulated( **As per IS: 1554 (part-1) 1988**)sheathed cables.

For **EBXL XLPO** insulation cables (as per TUV specification: 2 Pfg 1169 / 08. 2007.) refer clause no. 1.2 to 1.2.13 for technical specifications.

For **PVC** insulation cables(as per IS: 1554 (part-1) 1988) refer clause no. 1.3 to 1.3.14 for technical specifications

For general specifications applicable to both EBXL XLPO cables and PVC cables, refer clause no. 1.4 to 1.4.5

**Note:**1)Vendor can quote for cables **as per IS: 1554 (part-1) 1988 PVC** insulated **OR EBXL XLPO** Insulated (**As per TUV specification: 2 Pfg 1169 / 08. 2007.**) **OR** for both.

2)**BHEL** shall decide on **ONE** type of cable based on the techno commercial offer made by vendor(s).

**Vendor acceptance (Yes / No).**


### 1.2 Technical specification for EBXL XLPO Insulated cables (As per TUV specification: 2 Pfg 1169 / 08. 2007.):

Offer shall be submitted by vendor with clause-wise acceptance and with signature and seal on every page.


In case of conflict between this specification and those (IS: Codes, TUV standards etc) referred to herein, the former shall prevail.

If the vendors acceptance is 'NO' against any of the clauses mentioned herein, the offer is liable for rejection on technical grounds. Vendor to indicate deviations if any, in the column meant for acceptance.


**Vendor acceptance (Yes / No).**

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 3 OF 13

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.1	Item description	Cable, 1 core x 6 sq-mm, 1.8 KV DC (maximum), annealed tinned copper conductor, EBXL XLPO Insulated and Sheathed Solar Photovoltaic Cable.	
1.2.2	Application	Suitable for use in <b>outdoor application</b> for <b>connection of solar photovoltaic (SPV) modules with junction box</b> in SPV power plants.	
1.2.3	Applicable standard	TUV specification: 2 Pfg 1169 / 08. 2007.	
1.2.4	Voltage grade	Maximum permissible voltage = 1800 V DC (conductor –conductor, non earthed system, circuit not under load)	
1.2.5	Cable code	PV1-F	
<b>1.2.6</b>	<b>Conductor</b>		
a)	Material	Flexible Annealed tinned copper conductor as per class 5 of EN 60228/ IS:8130	
b)	Cross sectional area of conductor	6 sq-mm	
c)	Maximum diameter of wires in the conductor	0.31 mm	
d)	Maximum conductor resistance at 20°C (DC)	3.39 Ohm per Km	


	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 4 OF 13

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
<b>1.2.7</b>	<b>Insulation</b>		
a)	Material	Electron beam cross link (EBXL) Cross-Linked Polyolefin (XLPO)	
b)	Minimum insulation thickness	0.5 mm	
c)	Max. conductor temperature	90°C – Normal continuous operation 200°C – Short circuit condition	
<b>1.2.8</b>	Insulation colour	Black/Red as specified in ANNEXURE-1.	
<b>1.2.9</b>	<b>Outer sheath</b>		
a)	Material	Electron beam cross link (EBXL) Cross-Linked Polyolefin (XLPO)	
b)	Minimum Thickness of outer sheath	0.5 mm minimum	
c)	Colour of outer sheath	Black.	
d)	Overall diameter of cable	Vendor shall indicate actual dimension, tolerance.	
<b>1.2.10</b>	Minimum bending radius	Vendor shall indicate the minimum bending radius	
<b>1.2.11</b>	Type Tests	As per TUV specification 2 Pfg 1169/08.2007  Type test certificate for these tests shall be submitted by the vendor	

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 5 OF 13


		along with the offer	
--	--	----------------------	--

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
a)	Electrical Tests		
b)	Constructional and dimensional tests		
c)	Pressure test at high temperature for complete cable		
d)	Damp heat test		
e)	Resistance against acid & alkaline solution		
f)	Test of influence		
g)	Cold impact test at -40deg C		
h)	Cold bending test		
i)	Ozone resistance test		
j)	Weathering/ UV-resistance test		
k)	Dynamic penetration test		
l)	Notch propagation test		
m)	Shrinkage test		
n)	Test under fire condition		
<b>1.2.12</b>	<b>Routine Tests</b>		
a)	High voltage Test	As per TUV specification 2 Pfg	

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 6 OF 13

		1169/08.2007	
--	--	--------------	--

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
b)	Conductor resistance test	As per EN 60228	
<b>1.2.13</b>	<b>Acceptance Tests</b>		
a)	Conductor resistance test	TUV 2Pfg 1169/08.2007	
b)	High voltage Test	TUV 2Pfg 1169/08.2007	
c)	Insulation resistance test	TUV 2Pfg 1169/08.2007	
d)	Annealing test	As per IS: 1554 (Part-1) 1988.	
e)	Thickness of insulation & sheath	TUV 2Pfg 1169/08.2007	
f)	Hot set test	TUV 2Pfg 1169/08.2007	
g)	Tensile and elongation test at break for insulation & sheath	TUV 2Pfg 1169/08.2007	
h)	Flame retardance test	TUV 2Pfg 1169/08.2007	
i)	Constructional and dimensional tests	TUV 2Pfg 1169/08.2007	
j)	Accelerated Ageing 240+- 2 oC for 12 hrs	Manufacturers standard	
k)	Outer finish check	Manufacturers standard	

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 7 OF 13

**1.3 Technical specification for PVC Insulated cables (As per IS: 1554 (part-1) 1988 PVC):**


Offer shall be submitted by vendor with clause-wise acceptance and with signature and seal on every page.

Incase of conflict between this specification and those (IS: Codes, TUV standards etc) referred to herein, the former shall prevail.


If the vendors acceptance is 'NO' against any of the clauses mentioned herein, the offer is liable for rejection on technical grounds. Vendor to indicate deviations if any, in the column meant for acceptance.

**Vendor acceptance (Yes / No)**


#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.3.1	Item description	Cable, 1 core x 6 sq-mm, stranded, flexible copper conductor, unarmoured, PVC insulated, PVC (UV resistant) sheathed, voltage grade 1100V.	
1.3.2	Application	Suitable for use in <b>outdoor application for connection of solar photovoltaic (SPV) modules with junction box</b> in SPV power plants.	
1.3.3	Applicable standard	<b>IS: 1554 (part-1) 1988</b>	
1.3.4	Voltage grade	1100V	
1.3.5	Cable code	YY	
1.3.6	<b>Conductor</b>	As per IS: 8130-1984	
a)	Material	Flexible annealed plain copper conductor as per class 5 of IS: 8130-1984	
b)	Cross sectional area of conductor	6 sq-mm	

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 8 OF 13

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
c)	Maximum diameter of wires in the conductor	0.31 mm	
d)	Maximum conductor resistance at 20°C (DC)	3.30 Ohm per Km	
<b>1.3.7</b>	<b>Insulation</b>	As per IS: 5831 -1984	
a)	Material	Extruded PVC type-A as per IS: 5831 -1984	
b)	Nominal insulation thickness	1.0 mm	
c)	Tolerance on thickness	As per IS: 1554 (part1) 1988	
d)	Volume resistivity at 27 °C	1x 10 <sup>13</sup> Ohm-cm	
e)	Volume resistivity at 70 °C	1x 10 <sup>10</sup> Ohm-cm	
f)	Max. conductor temperature	70 °C – Normal continuous operation 160 °C – Short circuit condition	
<b>1.3.8</b>	Core identification (insulation colour )	Black/Red as specified in ANNEXURE-1.	
<b>1.3.9</b>	<b>Outer sheath</b>	As per IS: 5831-1984	
a)	Material	Extruded FR PVC Type ST1 (UV resistant) as per IS: 5831-1984	
b)	Thickness of outer sheath	1.80 mm nominal; 1.24 mm minimum	
c)	Colour of outer sheath	Black.	


	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 9 OF 13

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
d)	Overall diameter of cable	9 mm approx. Vendor shall indicate actual dimension, tolerance.	
<b>1.3.10</b>	Minimum bending radius	As per IS:1225	
<b>1.3.11</b>	<b>FR properties</b>		
a)	Minimum Oxygen index	29% as per ASTM-D-2863	
b)	Minimum Temperature index	250 °C as per ASTM-D-2863	
c)	Flammability	As per IEC-332 Part-1	
<b>1.3.12</b>	<b>Type Tests</b>		
a)	Tests on conductor	As per IS: 1554 (Part-1) 1988.	
b)	Test on thickness of insulation and sheath	Type test certificate shall be produced by the vendor along with the offer.  # Physical tests for insulation and outer sheath shall be as per IS: 5831:1984 and as listed under IS:1554 (Part-1) 1988.	
c)	Physical tests for insulation and outer sheath (#)	As per IS: 1554 (Part-1) 1988.	
d)	Insulation resistance test	Type test certificate shall be	

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 10 OF 13

e)	HV test (water immersion)	produced by the vendor along with the offer.  # Physical tests for insulation and outer sheath shall be as per IS: 5831:1984 and as listed under IS:1554 (Part-1) 1988.	
f)	Flammability test		
g)	Oxygen index test		
h)	FR test on single cable		
i)	FR test on bunched cables		
j)	Temperature index test		


#	Particular	BHEL specification	Vendor acceptance (Yes / No)
<b>1.3.13</b>	<b>Acceptance Test</b>		
a)	Tests on conductor	As per IS: 1554 (Part-1) 1988.  Prior to dispatch of the item, vendor shall provide inspection call to BHEL to witness the <b>acceptance tests</b> .To be conducted by the vendor on all the finished cable length to demonstrate integrity of the cable.	
b)	Test for thickness on insulation and sheath		
c)	Tensile strength and elongation at break of insulation and sheath		
d)	Insulation resistance test		
e)	High voltage test at room temperature		
f)	Flammability test		
g)	Oxygen index test		Test report shall be submitted by the

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 11 OF 13


h)	FR test on single cable	vendor to BHEL prior to inspection of the item.	
i)	FR test on bunched cables		
j)	Temperature index test		
<b>1.3.14</b>	<b>Routine Tests</b>		
<b>a)</b>	High voltage Test	As per IS: 1554 (Part-1) 1988.	
<b>b)</b>	Conductor resistance test	As per IS: 1554 (Part-1) 1988.	

#### 1.4 General specification for PVC Insulated and EBXL XLPO Insulated cables:


#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.4.1	Pre-dispatch inspection at Vendor works	Prior to dispatch of the item, vendor shall provide inspection call to BHEL to witness the acceptance and routine tests as per the relevant clause mentioned in the above sections.	
1.4.2	Manufacturing Quality Plan / Quality Assurance Plan	Vendor shall submit Manufacturing Quality Plan for BHEL approval within 1 week of placement of Order	
1.4.3	Test certificate	Three copies of test certificate shall be supplied with BHEL PO number and date, BHEL specification number, Cable description, Manufacturer name, Part number, Size & Length of	

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 12 OF 13

		the cable, Batch / Lot number. Test certificate shall contain test description, measured values of dimensions and cable properties, and acceptance limits.	
<b>1.4.4</b>	Cable identification		
<b>a)</b>	Identification scheme / printing on the cable.	<p><b>Incase of EBXL XLPO (TUV) cables:</b>  Printing shall be on outer sheath with following information throughout the length of the cable as per TUV specification 2 Pfg 1169/08.2007: Manufacturer name, brand name or trade mark, TUV standard, Cable size, Voltage grade and and sequential marking of the length of cable at every interval of 1m.</p> <p><b>Incase of PVC (IS) cables:</b>  Printing shall be on outer sheath with following information throughout the length of the cable as per IS:1554 (Part-1)- 1988:Manufacturer name, brand name or trade mark, ISI mark / IS standard, Cable size, Voltage grade and sequential marking of the length of cable at every interval of 1m.</p>	
<b>b)</b>	Interval of printing	Every meter. For other intervals, BHEL approval shall be obtained.	
<b>1.4.5</b>	Packing and marking		
<b>a)</b>	Packing	The cable shall be wound on a drum. The ends of the cable shall be sealed by means of non-hygroscopic sealing material.	

	<b>Purchase specification; Group: Photovoltaics</b> <b>Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO /PVC</b> <b>insulated and Sheathed Solar Cable</b>	PS-439-898
		REV NO: 00
		PAGE : 13 OF 13

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
b)	Drum	Drum shall be as per IS: 10418-1972, with suitable size.	
c)	Marking on the drum	Each drum shall be marked with following information: BHEL PO number and date, BHEL specification number, Cable description, Manufacturer name, Part number, Size & Length of the cable, Cable code, Voltage grade, Approx gross mass, Year of manufacture, etc.	
d)	Drum length	1000 meter +/- 5 %	

	<b>Purchase specification: Cable, 1 core x 6 sq-mm ,Copper, EBXL XLPO insulated and Sheathed Solar Cable.</b>	REV NO: 00
		PAGE : 1 OF 1

**ANNEXURE-1:**

**Ref:BHEL/SCPV/COMMONPURCHASE/6sq.mm/01**

**Introduction**

**DATE:14/07/2014**

Bharat Heavy Electricals Limited (BHEL), Electronics Division, Bangalore is setting up Grid-connected SPV Power Plants at

- A) DIU (3 MW).
- B) DAMAN (1 MW).
- C) OPCL (3.42 MW).
- D) DADRA AND NAGAR HAVELI-DNH (3 MW).
- E) KPCL, MANDYA, KARNATAKA (10 MW).
- F) BHEL - RC PURAM, HYDERABAD (1.5 MW).

**1.0 Scope of supply**

SL No	Item Description	QUANTITY					
		DIU	DAMAN	DNH	OPCL	KPCL	BHEL-RC PURAM
1.1	Supply of Cable, 1 core x 6 sq-mm, copper conductor and Sheathed Solar Photovoltaic Cable as per PS-439-898.						
	Red Insulation	22 km	8 km	22 km	26 km	80 km	11 km
	Black Insulation	22 km	8 km	22 km	26 km	80 km	11 km

**Bharat Heavy Electricals Ltd.,**  
(A Government of India undertaking)  
**Electronics Division**  
PB No.2606, Mysore Road, Bangalore-560026, India

**Enquiry - General Terms & Conditions (Two part bid)**

**I. Enquiry / Request for Quotation (RFQ):**

- (a) Any Purchase Order resulting from this enquiry shall be governed by **these general terms and conditions listed below and special terms and conditions, if any, along with this enquiry** of Bharat Heavy Electricals Limited, Electronics Division, Bangalore-560026 (**hereinafter referred to as BHEL EDN**).
- (b) Any of the terms and conditions not acceptable to vendor, shall be explicitly mentioned in the quotation. Otherwise, it will be treated as that all terms and conditions of this enquiry are acceptable.
- (c) If counter terms and conditions are offered by vendor, BHEL EDN shall not be governed by such terms and conditions, unless it is agreed and incorporated in the Purchase Order of BHEL EDN.
- (d) Any deviation to the terms and conditions not mentioned in the quotation by vendor in response to this enquiry will not be considered, if put forth subsequently or after issue of order, unless clarification is sought for by BHEL EDN and agreed upon in the Purchase Order of BHEL EDN.
- (e) BHEL EDN reserves the right to adopt Reverse Auction for the enquiry sent, at its discretion.
- (f) BHEL EDN shall be at liberty to cancel the tender at any time, before ordering, without assigning any reason.
- (g) Any specific terms and conditions to be complied will be mentioned in RFQ.**

**II. General Terms and conditions:**

**1. TWO PART BID:** Quotation shall be submitted in two part bid i.e.

**(a) Techno-commercial i.e., Un-priced Bid (in one sealed envelope):**

Techno-commercial bid shall be submitted with complete description of the equipment, specification compliances to the enquired specification and all the commercial terms & conditions indicated in the **COMMERCIAL TERMS (ANNEXURE -A for Foreign Purchase and ANNEXURE-B for Indigenous Purchase)**. Any other enclosure, which the vendor wishes to submit like product catalogue, technical literature etc., may also be submitted in a sealed envelope super scribed clearly as **“TECHNO-COMMERCIAL BID” with RFQ No. and DUE DATE**. An un-priced copy of price bid (without price) as per **ANNEXURE A-1 for Foreign Purchase and ANNEXURE B-1 for Indigenous Purchase** shall also be enclosed with the techno-commercial bid for evaluation of commercial terms.

**The vendor shall not give the price in the technical bid.**

Confirmation to BHEL specifications shall be indicated by the vendor in the respective columns provided in the purchase specification wherever applicable. Deviations to the specification / item description, if any shall be brought out clearly indicating **“DEVIATION TO BHEL SPECIFICATION”** without fail as a part of technical offer.

Compliance to Pre-qualification criteria (if applicable) shall also be enclosed with the Techno-commercial bid.

Manufacturer's name, their trade mark and brand, part number, alternate material to the one asked in enquiry, if any, should be mentioned in quotation and illustrative leaflets giving technical particulars etc. are to be attached to facilitate consideration and technical evaluation of the quotation. BHEL EDN material code number (as in enquiry) shall be indicated for each item quoted.

**(b) Price Bid (in one sealed envelope):**

Price bid should contain basic unit prices, discount if any, applicable taxes & duties, packing & forwarding charges (if applicable), Freight & insurances (if applicable), FOB charge (if applicable) etc., in a sealed envelope super scribed clearly as **“PRICE BID” with RFQ No. and DUE DATE**.

It is preferred to indicate the rates in both figures and words. In such case, if there is a difference / discrepancy

**Signature of tenderer / with seal**

between the rates in figures and words, guidelines as per Annexure H shall be followed. **Price bid shall be quoted as per ANNEXURE A-2 for Foreign Purchase and ANNEXURE B-2 for Indigenous Purchase.**

**(c) Tender Offer (above two envelopes inside another sealed envelope):**

Both these sealed envelopes [(a) Techno-commercial i.e., un-priced Bid and (b) Price Bid] shall be kept in a single sealed envelope and super scribed clearly with **RFQ No. and DUE DATE.**

2. The above sealed envelope (Tender) shall reach our office on or before the due date by 13:00 hrs. Quotations are to be dropped in the tender box marked for the OPENING ON respective days i.e., **MONDAY (BOX No.4)/ WEDNESDAY (BOX No.6)/ FRIDAY (BOX No.8)** kept at BHEL-EDN's Reception area of our works with caption "**CE, SC & PV, DEFENCE**". **Quotations also can be dispatched by Couriers / Registered post / FAX / e-mail to the Purchase Executive indicated in the RFQ at the risk of vendor / bidder.**

Quotation through courier / register post / fax / email when addressed to the specific fax number and email address given in the enquiry, to be sent well in advance to enable BHEL EDN purchase personnel to drop in the tender box before the scheduled opening date and time. Vendor is fully responsible for lack of secrecy on information of such quotations. Vendor shall confirm with the concerned purchase executive after sending the offer regarding such delivery mode to ensure participation. BHEL EDN is not responsible for any delay in receipt of quotation sent by vendor through post/fax/email.

Late Tenders i.e., Tenders received after due date & time will be rejected.

3. The rate quoted shall be in units stated in the enquiry. Where quotation is in terms of unit other than that in enquiry, relationship between the two units must be furnished in the quotation.
4. As far as possible, the quotations shall be free from corrections / overwriting. Corrections / overwriting, if any should be signed by authorized person with the company seal. Any typographical errors, totaling mistakes, currency mistakes, multiplication mistakes, summary mistakes observed in your priced bids, BHEL may consider whichever is beneficial to BHEL for evaluation. Vendor shall doubly ensure that the quote is correct and complete. The corrections / overwriting if any shall be signed with the seal.
5. Quotations are to be duly signed. Unsigned bids/offers are liable for rejection.
6. Tenders will be opened at **13:30 hrs** & the venue is New Engineering Building, 2<sup>nd</sup> floor, MM conference hall, BHEL EDN, Bangalore. All the tenderers or their authorized representatives (with authorization letter from their principals) may witness opening of techno-commercial bid on the due date.
7. After evaluation of techno-commercial bids, price bids of only those which are technically & commercially accepted, will be opened on a subsequent date, which will be intimated to the concerned in advance for witnessing of price bid opening.
8. The quantity in each item to be purchased may vary from quantity enquired according to the actual requirement at the time of placing the purchase order.

**9. DUN & BRADSTREET REPORT (for Foreign purchase):**

In case of foreign vendors, BHEL reserves the right to verify the Dun & Bradstreet report during techno-commercial scrutiny. Please mention DUN Number in **Techno-Commercial bid.**

**10. Payment of Agency Commission to Indian Agent (for Foreign purchase):**

- a. BHEL shall deal directly with foreign vendors, wherever required, for procurement of goods. However, if the foreign principal desires to avail of the services of an Indian agent, then the foreign principal should ensure compliance to regulatory guidelines - which require mandatory submission of an Agency Agreement.
- b. It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.

**Signature of tenderer / with seal**

- c. The Agency Agreement should specify the precise relationship between the foreign OEM / foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/ associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/ Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.
- d. Any agency commission to be paid by BHEL to the Indian agent shall be in Indian currency only.
- e. Tax deduction at source is applicable to the agency commission paid to the Indian agent as per the prevailing rules.
- f. In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives / associate / consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.
- g. The “Guidelines for Indian Agents of Foreign Suppliers” shall apply in all such cases.
- h. The supply and execution of the Purchase Order (including indigenous supplies/ service) shall be in the scope of the OEM/ foreign principal. The OEM/ foreign principal should submit their offer inclusive of all indigenous supplies/ services and evaluation will be based on ‘total cost to BHEL’. In case OEM/ foreign principal recommends placement of order(s) towards indigenous portion of supplies/ services on Indian supplier(s)/ agent on their behalf, the credentials/ capacity/ capability of the Indian supplier(s)/ agent to make the supplies/ services shall be checked by BHEL as per the extant guidelines of Supplier Evaluation, Approval & Review Procedure (SEARP), before opening of price bids. It will be the responsibility of the OEM/ foreign principal to get acquainted with the evaluation requirements of Indian supplier/ agent as per SEARP available on [www.bhel.com](http://www.bhel.com).

The responsibility for successful execution of the contract (including indigenous supplies/ services) lies with the OEM/ foreign principal. All bank guarantees to this effect shall be in the scope of the OEM/ foreign principal.

#### 11. Installation & Commissioning:

- (a) Scope will be as per Purchase Specification. I&C value should be quoted separately by bidders.
- (b) Wherever, Service Tax is applicable –
- (c)
  1. The Tenderers shall furnish the Service Tax Registration Number in their offer.
  2. If the Tenderer is not having Service Tax Registration Number, he shall submit an undertaking to the effect that,
    - a. in case he is awarded the contract, he shall register with Service Tax Authorities and furnish the Registration Number before commencement of work, OR
    - b. his turnover value is below the threshold limit prescribed by the Service Tax Act and in case he is awarded the contract, whenever his turnover crosses the threshold limit at any time during the execution of the contract, he shall forthwith register with Service Tax Authorities and furnish the Registration Number to BHEL. (This sub-clause is NOT applicable where the taxable turnover of the present tender is above the prescribed threshold limit).
  3. Any offer not complying with the above clauses is liable to be rejected.
  4. The above clauses apply even where the price quoted is “inclusive of taxes”.
  5. If the Service Tax Registration Number is not furnished to BHEL before the first bill is submitted (except as provided in Clause 2(b) above), the bills will not be passed (even if the price is “inclusive of taxes”).
  6. In case of contracts involving multiple bills, every bill (commencing with the 2<sup>nd</sup> bill) shall be accompanied with a declaration that the contractor has discharged his tax liability on the earlier bill (i) by paying the money to the Government (along with Challan details) or (ii) by utilization of Input Service Tax Credit available with him or (iii) being exempt as his turnover continues to be below the threshold limit. In the absence of such a declaration, the bill shall not be passed.
  7. In case of contracts involving a single bill, the bill shall be accompanied with an undertaking that the contractor shall discharge his tax liability on that bill as per law.

12. **TOTAL COST TO BHEL:** Purchase order will be placed on the lowest quotation (L1) only among the technically & commercially accepted quotations. Lowest quotation (L1) is determined on the basis of the total cost to BHEL. Loading Factors for deviation to BHEL Commercial terms and conditions will be considered.

Signature of tenderer / with seal

For Foreign offers, the Exchange rate (TT selling rate of SBI) shall be taken as under.

Single part bids	Date of Tender opening
Two/Three part bid	Date of Part-1 bid opening
Reverse Auction	Date of Part-1 bid opening

If the relevant day happens to be a bank holiday, then the forex rate as on the previous bank (SBI) working day shall be taken.

- (1) If Freight is quoted extra, original money receipt from Transporter shall be submitted for payment of Freight charges.
- (2) C-form : For issue of form "C", vendor has to furnish "E1/E2" form.

## **12. FIRM PRICE:**

Rates quoted should be firm from the date of offer, till completion of supply. No enhancement in the rates and changes in the techno-commercial terms will be allowed once the quotation is accepted and order is placed.

If Installation & Commissioning is in vendor's scope, then the price shall remain FIRM till commissioning & handing over of the complete system.

## **13. TERMS OF PAYMENT:**

**1.SUPPLY FOR FOREIGN PURCHASE :** Payment will be made against "SIGHT DRAFT" on presentation of documents to our bankers . Payment through LC is also made subject to loading factors as per Clause 25 (A). For LC payment bank charges within India will be borne by BHEL and outside India will be to vendor's account.

The payment terms are as follows:

### **SIGHT DRAFT PAYMENT (direct payment):**

#### **SUPPLY :**

(a) **I&C not included in vendor's scope :** 90% payment of Supply value + 100% Taxes shall be made with 45 days credit from the date of receipt of material at site. Balance 10% on execution of PBG valid for warranty period + 6 months claim period from any of the BHEL Consortium banks.

(b) **Supply & I&C in vendor's scope :** 80% payment of Supply value + 100% Taxes shall be made with 45 days credit from the date of receipt of material at site. 10% on completion of I&C and certification line item wise on pro-rata basis. Balance 10% on execution of PBG valid for warranty period + 6 months claim period from any of the BHEL Consortium banks..

### **(B) FOR INDIGENOUS PURCHASE (DIRECT PAYMENT):**

#### **1. For Supply :**

(a) **I&C not included in vendor's scope :** 90% payment of basic Supply value + 100% Taxes and duties shall be made with 45 days credit from the date of receipt of material at site. Balance 10% on execution of PBG valid for warranty period + 6 months claim period from any of the BHEL Consortium banks. PBG value shall be 10% of basic supply PO value.

(b) **Supply and I&C in vendor' scope :** 80% payment of basic Supply value + 100% Taxes and duties shall be made with 45 days credit from the date of receipt of material at site. 10% on completion of I&C and certification line item wise on pro-rata basis. Balance 10% on execution of PBG valid for warranty period + 6 months claim period from any of the BHEL Consortium banks. PBG value shall be 10% of basic supply PO value.

**2. For I&C:** 100% on completion of I&C and certification line item wise on pro-rata basis.

**3.Civil Works :** 90% on completion of activity milestone and certification line item wise from site-in charge. Balance 10% against PBG for 10% of basic Civil value valid warranty period + 6 months claim period from any of the BHEL Consortium banks. PBG value shall be 10% of basic civil PO value.

**4. O&M :** 100% O&M charges are payable as per RFQ terms against report certified by BHEL.

If PBG cannot not be submitted, vendors can also accept for the final 10% payment, payable after the warranty period + 6 months of claim period against supplementary invoice subject to the completion of commissioning (if applicable) as PBG is linked to

**Signature of tenderer / with seal**

Warranty period.

For any deviation in payment term, the offer will be loaded as per Clause 25.00.

**5. ADVANCE PAYMENT: Quotations with “Advance payment/Inland LC” shall be rejected.**

**14. PENALTY:**

Failure to supply within the delivery time as per purchase order will make the vendor liable to an unconditional penalty of 0.5 % (half percent) per week at the basic price of the goods for the undelivered quantity, subject to a maximum of 10%.

Supply : Date of issue of pre -shipment inspection/ call letter with supporting documents like test reports/conformance to test carried by the vendor will be treated as date of dispatch for the purpose of penalty calculation wherever Pre-Inspection is carried out.

For all other activities, the actual date of completion of activity as certified by concerned site-incharge will be considered for the purpose of penalty calculation.

**15. PBG:**

Performance Bank Guarantee (PBG) to be submitted on non-judicial stamp paper as per the BHEL prescribed format given in **ANNEXURE-E for Foreign Purchase and Annexure-F for Indigenous Purchase** for 10% of the total supply value obtained from any BHEL member (consortium) banks indicated in **ANNEXURE-G**.

**The Bank Guarantee shall be submitted directly to the concerned Purchase Executive by the issuing Bank with their forwarding letter.** BHEL will verify independently with the bank to establish the authenticity. Alternately, standby LC issued from approved banker can also be considered.

**16. TERMS OF DELIVERY:**

**(a)FOR IMPORTED PURCHASE:**

Price offered shall be for goods packed and delivered **FOB** Seaport,/FCA International Airport including packing, forwarding, Handling, Ancillary charges like processing of Sight Draft, negotiation charges of bank, Export declaration, Certificate of origin etc.

Packing shall be Air/Sea worthy, best suitable for trans-shipment and to take care of transit damages. If containerized, no. of containers & size of container shall be mentioned. Packing weight (gross & net) Packing dimensions shall be given prior to shipment to ascertain whether the consignment can be carried on standard cargo in contract or as ODC.

Wooden packing material for all the foreign consignments should be treated as per ISPM-15 & **Fumigation / Phytosanitary certificate** to be submitted to the freight forwarders/ BHEL along with the invoice, B/L, packing list etc.

Vendors shall indicate the name of International Airport/Seaport. Approved Airports are as per **Annexure-C**. The consignment shall be handed over to BHEL approved freight forwarder as mentioned in PO.

**(b) FOR INDIGENOUS PURCHASE:**

Equipment shall be delivered on “FOR SITE” basis, inclusive of freight, packing, insurance & forwarding charges.

Packing shall be Road / Rail / Air / Sea worthy, best suitable for transshipment and to take care of transit damages.

Smaller consignments can be dispatched through Courier services/ RPP with the prior approval of the purchasing Executive.

**17. DELIVERY REQUIREMENT:**

Delivery date mentioned in RFQ is tentative. Actual requirement is as per RFQ terms & conditions.

**18. VALIDITY:**

Quotation should remain valid for a period of **90 days** from the date of technical bid opening.

**19. POST-ORDER REQUISITES:**

- a. Vendor shall give an Order Acknowledgement indicating the delivery date within one week of receipt of PO.
- b. Pre-shipment inspection at vendor’s works, if required, will be carried out by BHEL/Customer. Required assistance will have to be provided by the vendor at the time of pre-shipment inspection.
- c. Test certificates, Calibration certificates and warranty certificates as stipulated at the time of ordering shall be furnished.

**Signature of tenderer / with seal**

- d. Items shall be dispatched by Air worthy /Sea worthy/ Road worthy packing. Any damage and later rejection, due to poor / improper packing shall be to vendor's account.
- e. Any damage/rejection should be made good or replaced immediately without any extra cost to BHEL such as freight, duties, taxes etc. The liability is restricted to the value of the order.
- f. Wherever commissioning is involved, it shall be carried out by the vendor's qualified engineers. Scope of work includes installation, commissioning and start-up trials till satisfactory performance level is reached as certified by BHEL.
- g. BHEL will not be responsible for any loss, damage or injuries to vendor's personnel sustained during installation / commissioning / start-up trials. Vendor shall ensure compliance with all statutory requisites as laid down by local bodies, state & Central Government. Vendor shall indemnify BHEL for all damages/ losses to various personnel during their presence in BHEL's premises for whatever purpose.
- h. Suitable markings & damage control indicating devices shall be provided where applicable.
- i. Equipment shall comply with the standard requirements of ISO 14001 & OHSAS 18001.

**20. RISK PURCHASE:**

The purchaser at his discretion may also make purchase of the materials NOT supplied in time at the RISK & COST of the supplier. In this event, it will be obligatory on the part of the supplier who fails to supply the goods in time to make good to BHEL any loss due to such risk purchase.

**21. GENERAL TERMS AND CONDITIONS GOVERNING REVERSE AUCTION (RA):**

- (a) BHEL reserves the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. All bidders to give their acceptance for participation in RA.  
Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.
- (b) In case BHEL decides to go for Reverse Auction, only those bidders who have given their acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit "online sealed bid" in the Reverse Auction. Non-submission of "online sealed bid" by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue."
- (c) **Kindly refer to Annexure D for Terms & Conditions of Reverse Auction.**
- (d) Vendor shall confirm acceptance for RA in **ANNEXURE A/B.**

**22. REGRET LETTER:** In case any vendor is unable to quote, vendor shall send a regret letter.

**23.** Any dispute arising out of this, shall be referred to the sole arbitration of Head of Dept. Materials Management of group concerned, BHEL EDN or any other officer nominated by him and his award shall be final and binding on the parties. The venue of the arbitration in all cases shall be Bangalore, India.

**24.** Any legal suit in respect of this enquiry lies in the court of Jurisdiction of Bangalore (India) only.

**25. LOADING FACTORS:**

Loading factors as detailed below will be added to the quoted price (basic) to evaluate the lowest quote for non compliance of BHEL standard commercial term.

**A (i). For non compliance of standard Terms of payment (For Foreign Purchase Orders)**

Sl. No.	BHEL standard term	If you quote	Loading factor in % for non-compliance
1	80% against "SIGHT DRAFT" + 20% after commissioning and against PBG(where both commissioning & PBG are applicable)	Payment through Letter of Credit (LC)	10%

**In general, if the quote is through L/C, it shall be opened 30 days prior to dispatch and valid for 3 months.**

Signature of tenderer / with seal

***A(ii).For non compliance of standard Terms of payment (For Indigenous Purchase Orders)***

Sl. No.	BHEL standard term	If you quote	Loading factor in % for non-compliance
1	As per RFQ Terms	Any other Payment term	10%

***B.For non compliance of standard Terms of Penalty***

Sl. No.	BHEL standard term	If you quote	Loading factor for non-compliance
1	Penalty of 0.5% per week subject to max. of 10% on the basic value of the items not supplied /delayed	Other than the above.	Loading Factor 10%-Quoted Max %

**26. Non Compliance of Warranty terms** : Offers not complying with Warranty terms as per RFQ Terms is liable for rejection.

**ANNEXURE- C****LIST OF INTERNATIONAL AIRPORTS**

<b>Sl. No</b>	<b>Country</b>	<b>Air Ports</b>
1	Austria	Vienna, Linz, Graz
2	Australia	Sydney, Melbourne, Perth
3	Belgium	Antwerp, Brussels
4	Canada	Toronto, Montreal
5	China	Shanghai
6	Cyprus	Lamaca
7	Czech Republic	Prague (Via Frankfurt)
8	Denmark	Copenhagen
9	Egypt	Cairo
10	Finland	Helsinki
11	France	Paris (Rossy), Lyon
12	Germany	Darmstadt, Manheim, Nurnberg, Hamburg, Stuttgart, Munich, Koln, Dusseldorf & Hannover, Frankfurt, Berlin
13	Hong Kong	Hong Kong
14	Italy	Rome, Milan, Turin, Bologna, Florence
15	Ireland	Dublin
16	Israel	Telaviv
17	Japan	Tokyo, Osaka
18	Malaysia	Kuala lumpur, Penang
19	Netherlands	Amsterdam, Rotterdam
20	New Zealand	Auckland
21	Norway	Oslo
22	Oman	Muscat
23	Philippines	Manila
24	Romania	Bucharest
25	Russia	Moscow
26	Saudi Arabia	Riyad
27	Singapore	Singapore
28	Slovakia	Bartislowa
29	South Africa	Johannesburg, Durban
30	South Korea	Kimpo
31	Spain	Barcelona
32	Sweden	Stockholm, Gothenburg, Milano
33	Switzerland	Basle, Zurich, Geneva
34	Taiwan	Taipei
35	U.A.E.	Dubai
36	U.K.	Landon (Heathrow), Newcastle, Oxford, Cheltham, Bristol, Welling borough, Birmingham, East Midland, Manchester, Leeds, Glasgow.
37	U.S.A.	New York, Chicago, San Francisco, Los Angeles, Atlanta
38	Ukraine	Kiev

**Annexure - D****Terms & Conditions of Reverse Auction**

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

- (1) For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
- (2) Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
- (3) BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
- (4) In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
- (5) Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
- (6) Bidders have to fax the Compliance form (annexure IV ) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
- (7) In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
- (8) Reverse auction will be conducted on scheduled date & time.
- (9) At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
- (10) The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
- (11) In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL"s standard practice.
- (12) Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction", which will be communicated before the Reverse Auction.
- (13) If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action *as per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
- (14) The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
- (15) In case BHEL decides to go for reverse auction, the H1 bidder(s) (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.

**Signature of tenderer / with seal**

**ANNEXURE-E**

**PERFORMANCE BANK GUARANTEE**  
**(FOR FOREIGN PURCHASE ORDERS)**  
BANK NAME AND ADDRESS

Bharat Heavy Electricals Limited (BHEL),  
 Electronics Division,  
 PB No. 2606,  
 Mysore Road,  
 BANGALORE- 560 026  
 INDIA  
 Dear Sirs,

**Ref: CONTRACT PERFORMANCE GUARANTEE.**

WHEREAS you have entered into a contract reference No PO NO. \_\_\_\_\_ with M/s \_\_\_\_\_ having its registered office at \_\_\_\_\_ for the supply of \_\_\_\_\_ as detailed in your purchase order No. \_\_\_\_\_ which is hereinafter referred to as "the said contract" and WHEREAS M/s \_\_\_\_\_ has undertaken to produce a Bank Guarantee for 10% ( Ten Percent ) of \_\_\_\_\_ the contract price amounting to \_\_\_\_\_ ( \_\_\_\_\_ ) to secure its obligations to Electronics Division, BHEL having its registered office at New Delhi for the performance of the contract including the warranty of the equipment supplied, We \_\_\_\_\_ Bank \_\_\_\_\_ hereby expressly, irrevocably and unreservedly undertake and guarantee as principal obligors on behalf of M/s \_\_\_\_\_ that in the event Bharat Heavy Electricals Ltd. (B.H.E.L.) declares to us in writing that M/s \_\_\_\_\_ has not fulfilled any obligation according to the contractual obligation of the said contract, to pay you on demand and without demur to Bharat Heavy Electricals Ltd., Electronics Division , Mysore Road, P.B.No. 2606, Bangalore-560 026, India an amount of \_\_\_\_\_ (in words \_\_\_\_\_ ) subject to as may be determined below:

- 1) Notwithstanding any right M/s. \_\_\_\_\_ may have directly against you or any disputes raised by M/s \_\_\_\_\_, Your written demand shall be conclusive evidence to us that repayment is due under the terms of the said contract and shall be binding on us.
- 2) We shall not be discharged or released from this undertaking and Guarantee by any arrangements, variations made between you and M/s. \_\_\_\_\_ with or without our consent and Knowledge or by any alterations in the obligations of M/s. \_\_\_\_\_ by any forbearance whether as to payment, time, performance or otherwise.
- 3) This guarantee shall remain valid until the end of twenty-four weeks after the close of the warranty period or until the same is reported by BHEL to us whichever is earlier.
- 4) We agree and undertake not to revoke this guarantee during its validity unless discharged in writing by you subject to the provision of clause (7) below.
- 5) This guarantee shall be a continuing guarantee subject to the foregoing and shall not be discharged by any change in the constitution of the Bank or M/s. \_\_\_\_\_.
- 6) This guarantee shall be governed by and constructed in accordance with the Laws of India.
- 7) At any time \_\_\_\_\_ Bank may render this guarantee null and void by paying to Bharat Heavy Electricals Ltd. the full amount being \_\_\_\_\_ (in words \_\_\_\_\_ )

**Note:**

- (1) To be executed in Non-Judicial stamp paper by any authorized Indian Bank.
- (2) To be submitted directly by banker to concerned executive in purchase dept., Please give BHEL address to banker.
- (3) Do not enclose with Bank document.
- (4) Any Modification & omissions to this are not permitted

Signature of tenderer / with seal

**ANNEXURE - F****PERFORMANCE BANK GUARANTEE  
(FOR INDIGENOUS PURCHASE ORDERS)**

THIS DEED OF GUARANTEE made and executed on the \_\_\_\_\_ day of \_\_\_\_\_ (year), by the \_\_\_\_\_ (Bank), registered under the Companies Act 1956/Nationalized Bank constituted under the Banking Companies (acquisition and transfer of undertakings) Act constituted under the State Bank of India Act / Subsidiary Banks Act, having its registered / head office at \_\_\_\_\_ represented herein by its Branch Manager / authorized representative Sri. \_\_\_\_\_ & Sri. \_\_\_\_\_ (Hereinafter called 'guarantor' which term shall mean and include its successors and assigns)

**IN FAVOUR OF BHARAT HEAVY ELECTRICALS LIMITED**

\_\_\_\_\_ (Buyer's Name), a company registered under the companies Act, 1956 having its registered office at BHEL House at Siri Fort , New Delhi -100 049 and its Electronics Division at Mysore road, Bangalore-26 (hereinafter referred to as the 'Company' Which term shall include its successors and assigns):

Whereas the company has placed an order on \_\_\_\_\_ (State the name of the company / firm and its address) (hereinafter referred to as the 'Supplier' which term shall mean and include its liquidators, successors and assign) for the supply of system under order / Contract No. Dt. \_\_\_\_\_

AND WHEREAS the supplier has agreed to supply the materials and carryout the works as detailed and in accordance with the terms set out in the said order/contract.

AND WHEREAS the company is not required to pay to the supplier a sum of Rupees \_\_\_\_\_ being the 10% of the value of the goods supplied / Works performed / Services rendered under the said order / contract between the supplier and the company, till the company is satisfied with the mechanical Warranties and the performance standards stipulated in the said order / contract between the company and the supplier has been duly fulfilled, except against a Bank Guarantee for the said sum of Rs \_\_\_\_\_ in favour of the company by reputed Bank, in which case the company has agreed to make payment to the supplier of the said sum of Rupees \_\_\_\_\_ being ( ..% ) of the value of the goods supplied / Works performed / Services rendered under the agreement between the supplier and the company and the Guarantor has at the request of the supplier, agreed to furnish this Guarantee subject to the terms and conditions stated below:

NOW THIS DEED WITNESSES THAT IN pursuance of the above said agreement, the guarantor hereby agrees and covenants With company is as follows :-

- 1) That during the period this contract of Guarantee remains effectual, the guarantor shall be liable in respect of the amount due and owing to the company in respect of the payments to the extent of Rs \_\_\_\_\_ (in words) \_\_\_\_\_ against any loss or damage caused to or suffered by the company by reasons of any breach of the terms of the said order / contract / Agreement by the supplier.
- 2) The Guarantor hereby undertakes to pay the amounts due and payable under this guarantee without any demur, merely on demand from the company intimating that the amount claimed is due by way of loss or damage caused to or suffered or would be caused or suffered by the supplier of any terms contained in the said order / contract. Any such demand made on the guarantor shall be conclusive as regards the amount due and payable by the Guarantor irrespective of the fact whether the Contractor / supplier admits or denies.
- 3) The Guarantor further agrees that the agreement herein contained shall remain in force and effect till all the supplies to be made / Works to be performed / Services to be rendered under the said order / contract / agreement are completed to the entire satisfaction of the company or till company certifies that the terms and conditions of the said order / contract / agreement have been fully and properly carried out by the said supplier and accordingly discharges the Guarantee. Unless a demand or claim under this guarantee is made on the guarantor in writing on or before the expiry of claim period indicated in clause 6 below, the guarantor shall be discharged from all the liability under this guarantee thereafter.
- 4) The guarantor further agrees with the company that the company shall have the fullest liberty without the consent of the guarantor and without effecting in any manner the obligations of the guarantor hereunder to vary any of the terms of the said order / contract / agreement or extend the time of performance by the said supplier from time to time or refrain from exercising the power exercisable by the company against the said supplier or to forebear or omit to enforce any of the terms and conditions relating to the said order / contract / agreement, and the guarantor shall not be relieved of its liability in whole or in part , by reason of any act, commission or forbearance on the part of the company or by reason of any such variation, or extension being granted to the said

**Signature of tenderer / with seal**

supplier or by reason of any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving the guarantor.

- 5) The guarantor undertakes not to revoke this guarantee during its currency except with the previous consent of the company in writing.
- 6) Notwithstanding anything herein above contained, the liability of the guarantor under these presents is restricted to Rs \_\_\_\_\_. The guarantee shall be in force till its expiry on \_\_\_\_\_ unless a demand is made on the guarantor within SIX months from the date of expiry, all the liability of the guarantor under this guarantee shall stand fully discharged. The decision of the claimant in regard to breach of contract is final and binding on the Bank.

IN WITNESS whereof, the guarantor, acting through it authorized representative has executed this deed of Guarantee on the day, month and year first above written.

(Seal of the Bank to be affixed)

WITNESS

- 1.
- 2.

**Note:**

- (1) To be executed in INR 100 Non-Judicial stamp paper by any authorized Indian Bank.
- (2) To be submitted directly by banker to concerned executive in purchase dept., Please give BHEL address to banker.
- (3) Do not enclose with Bank document.
- (4) Any Modification & omissions to this are not permitted.

**BHEL MEMBER BANKS (CONSORTIUM BANKS)****PBG SHALL BE ISSUED FROM THE FOLLOWING BANKS OR THEIR BRANCH OFFICES ONLY**

1	STATE BANK OF INDIA
2	PUNJAB NATIONAL BANK
3	HDFC BANK
4	SYNDICATE BANK
5	CANARA BANK
6	INDIAN BANK
7	ST. BANK OF HYDERABAD
8	ICICI BANK
9	STANDARD CHARTEREDBANK
10	UCO BANK
11	KOTAK MAHINDRA
12	ORIENTAL BANK OF COMMERCE
13	STATE BANK OF TRAVANCORE
14	CENTRAL BANK
15	IDBI BANK
16	FEDERAL BANK
17	HSBC LTD
18	DEUTSCHE BANK
19	CORPORATION BANK
20	CITI BANK
21	BANK OF BARODA
22	ABN AMRO BANK
23	UNITED BANK OF INDIA
24	VIJAYA BANK
25	UNION BANK OF INDIA
26	PUNJAB & SIND BANK
27	ANDHRA BANK
28	BANK OF INDIA
29	AXIS BANK

The above list is tentative and is subject to change from time to time.  
The Purchase Executive shall be contacted for confirmation of the same.

### **DISCREPANCY IN WORDS & FIGURES – QUOTED IN PRICE BID**

Following guidelines will be followed in case of discrepancy in words & figures-quoted in price bid:

- (a) If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- (d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

**Signature of tenderer / with seal**

COMMERCIAL TERMS & CONDITIONS (to be enclosed with TECHNO-COMMERCIAL BID) (For Indigenous Purchase Orders)				
RFQ No.HBSBOS008 dt.04.09.2014 Due Dt.22.09.2014				
Sl No.	Terms	BHEL Term	Confirmation	Deviation / Remarks
1	Bidding	(a) Bid has to be submitted as Two Part - in two sealed covers-Techno Commercial Bid(Part-1) & Price Bid (Part-II)- clearly written on each cover both put in a single sealed envelope super-scribed with RFQ No. and Due date.	Acceptable / Not acceptable	
		(b) Documents as called in Pre-Qualification Criteria (Clause 1.0 of PS-439-898) to be submitted along with technical bid(Part-1).	Acceptable / Not acceptable	
		(c) Annexures-B & B1 to be submitted along with technical bid (Part-1) & Annexure-B2 to be submitted along with Price bid (Part-II).	Acceptable / Not acceptable	
		(d) Clause-wise compliance to BHEL Purchase specification along with all documents as called in Technical specification to be submitted along with technical bid(Part-1).	Acceptable / Not acceptable	
2	Price Basis	Firm i.e., from the date of PO to completion of supply if I&C is not applicable. If I&C is in supplier's scope, then the prices shall remain Firm till commissioning & handing-over of the complete system. (PVC clause not acceptable).	Acceptable / Not acceptable	
3	Terms of Delivery	Free On Road Basis to Respective Sites	Acceptable / Not acceptable	
4	Delivery Period	(a) Supply : Completion within eight (8) weeks from the date of MQP Approval. (b) Quality Plan Submission : Within one (1) week from PO date.	Acceptable / Not acceptable	
5	Payment Term	(a) Supply : Payment of 90% basic Supply value + 100% Taxes shall be made with 45 days credit from the date of receipt of material at site. Balance 10% on execution of PBG valid for warranty period + 6 months claim period from any of the BHEL Consortium banks.	Acceptable / Not acceptable	
		(b) For any deviation in payment term, loading will be done as per clause 25(A) of Enquiry - General Terms & Conditions (Ref : SCPV/BOS/01-Rev 00)	Acceptable / Not acceptable	
6	Excise Duty	(a) To confirm whether applicable. If applicable, indicate prevailing rate of Excise duty.	Applicable / Not applicable	Prevailing rate of Excise duty : ..... %
		(b) BHEL is trying to avail Customs Duty & Excise duty exemption. Successful bidder shall support with all relevant documents.	Acceptable / Not acceptable	
7	Sales Tax	(a) To confirm whether applicable. If applicable, indicate prevailing rate of Sales Tax against Form c.	Applicable / Not applicable	Prevailing rate of Sales Tax against Form c: ..... %
		(b) For issue of form "C", vendor has to furnish "E1/E2" form. Please confirm that "E1/E2 Sale form" will be submitted.	Acceptable / Not acceptable	
		(c) Wherever E1/E2 transactions are made, CST paid by sub vendor will not be reimbursed (As it is input cost to vendor)	Acceptable / Not acceptable	
8	Value Added Tax	Since it is inter-state movement of goods, VAT is not applicable. Only CST against form C is applicable.	Applicable / Not applicable	CST applicable @.....%
		OR Both are in the same State, VAT is applicable please indicate VAT applicable.	Applicable / Not applicable	VAT applicable @.....%
9	Octroi	To confirm whether applicable, if applicable indicate current rate of Octroi.	Applicable / Not applicable	Octroi.....%
10	Service Tax	To confirm whether applicable, if applicable indicate current rate of Service Tax. Furnish Service Tax Regn. No.  Confirmation that Service Tax register is maintained.	Applicable / Not applicable	Service Tax.....% Service Tax Regn. No. .... S.Tax Register maintained : Yes/No

AUTHORISED SIGNATORY WITH SEAL

COMMERCIAL TERMS & CONDITIONS (to be enclosed with TECHNO-COMMERCIAL BID) (For Indigenous Purchase Orders)				
RFQ No.HBSBOS008 dt.04.09.2014 Due Dt.22.09.2014				
Sl No.	Terms	BHEL Term	Confirmation	Deviation / Remarks
11	Freight	Freight shall be quoted extra as a percentage of the total basic value. For payment of freight, original money receipt from Transporter has to be submitted.	Acceptable / Not acceptable	
12	Insurance	Transit insurance shall be in vendor scope and shall be quoted extra as a percentage of the total basic value.	Acceptable / Not acceptable	
13	Evaluation of L1 vendor	The entire quantity for all six sites shall be procured from a single vendor Over all L1 of Supply on "FOR" basis to all sites will only be considered.	BHEL	
14	Warranty	Supply : 18 months from the date of Supply or 12 months from the date of I&C whichever is earlier.	Acceptable / Not acceptable	
15	Pre Shipment Inspection	Pre Shipment Inspection will be carried out by BHEL/Customer for which test report shall be sent one week in advance.	Acceptable / Not acceptable	
16	Penalty	Penalty of 0.5% per week at the basic price of the good for undelivered quantity of supply portion, subject to a maximum of 10%. For Supply, Pre Shipment Inspection Call Letter Date (Receipt of test report) will be treated as delivery for purpose of penalty.	Acceptable / Not acceptable	
		For any deviation, loading will be done as per Clause 25.B of Enquiry - General Terms & Conditions(Ref : SCPV/BOS/01-Rev 00)	Acceptable / Not acceptable	
17	Road Permit	Road permit if applicable will be given by BHEL before Dispatch of ordered Items	BHEL	
18	PBG	(a)PBG shall be furnished in the BHEL prescribed format. (b) Deviation if any Please specify	Acceptable / Not acceptable	
19	Despatch Documents	Complete set of despatch documents in 3 sets shall be forwarded to BHEL directly. Despatch documents include Commercial Invoice, Excise Invoice (if ED is applicable), Lorry receipt (L/R), Packing list, Warranty certificate, Insurance intimation letter, & Original Performance Bank Guarantee (Directly from issuing bank to BHEL). One set of Invoice, Packing list and L/R shall be faxed immediately after despatch to BHEL-EDN, Bangalore.	Acceptable / Not acceptable	
20	Reverse Auction	BHEL reserves the right to conduct Reverse auction.Procedure for the same will be informed by BHEL . Please confirm your acceptance for reverse auction.	Acceptable / Not acceptable	
21	Other terms & conditions	For any other Terms and Conditions, kindly refer to the enclosed Enquiry - General Terms & Conditions(Ref : SCPV/BOS/01-Rev 00)	Acceptable / Not acceptable	
22	Validity	(a) Quotation should remain valid for a period of 90 days from the due date	Acceptable / Not acceptable	
		(b)Deviation if any Please specify	(b)	
23	Bank Charges	(a) All Bank charges to respective accounts	Acceptable / Not acceptable	
		(b) Deviation if any Please specify	(b)	
24	Shipment	Kindly indicate the state from where the shipment will take place.This is for the purpose of assessment of Tax.	State : .....	
25	Quantity Tolerance	Tolerance on overall quantity shall be PO quantity+2%.However, drum length shall be maintained as per Purchase Specification	Acceptable / Not acceptable	

NOTE : For R C PURAM, HYDERABAD:Two options shall be quoted with respect to Taxation only:

(a). BHEL EDN, Bangalore will release formal Purchase Order & arrange payment with Non-concessional CST(VAT of Material Originating State.)

(b). BHEL EDN, Bangalore will issue Letter of Intent(LOI) & BHEL RC Puram, Hyderabad will release formal PO & arrange payment with 2% CST against Form C.

AUTHORISED SIGNATORY WITH SEAL

TECHNICAL BID ENCLOSURE FOR COMPLIANCE OF QUOTE : UNPRICED BID										
RFQ No.HBSBOS008 dt.04.09.2014 Due Dt.22.09.2014										
Sl No.	Material Code	Short Text	Project	Quantity	Unit	Quoted	Taxes			Remarks
							ED %	CST %	VAT %	
<b>A</b>	<b>OPTION 1 : PVC Insulated</b>									
1	PS0679041451	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Red Cable	DAMAN	8000	M	Yes / No				Taxes Extra
2			DIU	22000	M	Yes / No				Taxes Extra
3			DNH	22000	M	Yes / No				Taxes Extra
4			OPCL	26000	M	Yes / No				Taxes Extra
5			KPCL	80000	M	Yes / No				Taxes Extra
6			RC PURAM	11000	M	Yes / No				Taxes Extra
7	PS0679041460	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Black Cable	DAMAN	8000	M	Yes / No				Taxes Extra
8			DIU	22000	M	Yes / No				Taxes Extra
9			DNH	22000	M	Yes / No				Taxes Extra
10			OPCL	26000	M	Yes / No				Taxes Extra
11			KPCL	80000	M	Yes / No				Taxes Extra
12			RC PURAM	11000	M	Yes / No				Taxes Extra
<b>B</b>	<b>OPTION 2 : EBXL XLPO Insulated</b>									
1	PS0679041451	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Red Cable	DAMAN	8000	M	Yes / No				Taxes Extra
2			DIU	22000	M	Yes / No				Taxes Extra
3			DNH	22000	M	Yes / No				Taxes Extra
4			OPCL	26000	M	Yes / No				Taxes Extra
5			KPCL	80000	M	Yes / No				Taxes Extra
6			RC PURAM	11000	M	Yes / No				Taxes Extra
7	PS0679041460	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Black Cable	DAMAN	8000	M	Yes / No				Taxes Extra
8			DIU	22000	M	Yes / No				Taxes Extra
9			DNH	22000	M	Yes / No				Taxes Extra
10			OPCL	26000	M	Yes / No				Taxes Extra
11			KPCL	80000	M	Yes / No				Taxes Extra
12			RC PURAM	11000	M	Yes / No				Taxes Extra
<b>B</b>	<b>Freight Charge including Service Tax @ 12.36% on 25% of Freight Value</b>									
	Freight Charges shall be quoted as a percentage of Basic Supply value which shall be the same for all sites(anywhere in India).The present Projects are : DAMAN,DIU,DNH,OPCL,KPCL & RC Puram			% of basic supply value	Yes / No	NA	NA	NA	Taxes Included	
<b>C</b>	<b>Insurance Charges inclusive of all taxes</b>									
	Insurance Charges shall be quoted as a percentage of Basic Supply value which shall be the same for all sites(anywhere in India).The present Projects are : DAMAN,DIU,DNH,OPCL,KPCL & RC Puram			% of basic supply value	Yes / No	NA	NA	NA	Taxes Included	

## NOTE :

- The entire quantity for all six sites shall be procured from a single vendor.Overall L1 of all sites on FOR basis shall be considered.
- The quoted prices shall be on "FOR" basis to respective site.
- Please indicate ED/CST/VAT applicable as on date.
- Freight & Insurance charges shall be quoted extra as a percentage of the basic supply value.
- The above format only shall be used for compliance.No changes are acceptable.(Reproducing on your letter head is acceptable.)
- BHEL is trying to get concession on Excise Duty for supply to solar power projects. At the time of clearance of goods we may issue exemption certificate. In such cases, ED will be exempted but not reimbursed. At present, please quote with applicable rate without concession of ED for
- BHEL is expecting common unit rates for the full qty listed above(approx.338KM) under Option 1 and common unit rate for the full qty listed above(approx.338KM) under Option 2 .
- For R C PURAM, HYDERABAD:Two options shall be quoted with respect to Taxation only:
  - BHEL EDN, Bangalore will release formal Purchase Order & arrange payment with Non-concessional CST(VAT of Material Originating State.)
  - BHEL EDN, Bangalore will issue Letter of Intent(LOI) & BHEL RC Puram, Hyderabad will release formal PO & arrange payment with 2% CST against Form C.

Authorized Signatory with seal

PRICE BID											
RFQ No.HBSBOS008 dt.04.09.2014 Due Dt.22.09.2014											
Sl No.	Material Code	Short Text	Project	Quantity	Unit	Unit Rate (Rs.) for Option 1 : PVC Insulated	Total Value (Rs.) for Option 1 : PVC Insulated (Unit Rate X Qty)	Taxes			Remarks
								ED %	CST %	VAT %	
<b>A</b>	<b>OPTION 1 : PVC Insulated</b>										
1	PS0679041451	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Red Cable	DAMAN	8000	M						Taxes Extra
2			DIU	22000	M						Taxes Extra
3			DNH	22000	M						Taxes Extra
4			OPCL	26000	M						Taxes Extra
5			KPCL	80000	M						Taxes Extra
6			RC PURAM	11000	M						Taxes Extra
	For DAMAN : Unit Rate in words (Rs.)										
	For DIU : Unit Rate in words (Rs.)										
	For DNH : Unit Rate in words (Rs.)										
	For OPCL : Unit Rate in words (Rs.)										
	For KPCL : Unit Rate in words (Rs.)										
	For RC PURAM : Unit Rate in words (Rs.)										
7	PS0679041460	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Black Cable	DAMAN	8000	M						Taxes Extra
8			DIU	22000	M						Taxes Extra
9			DNH	22000	M						Taxes Extra
10			OPCL	26000	M						Taxes Extra
11			KPCL	80000	M						Taxes Extra
12			RC PURAM	11000	M						Taxes Extra
	For DAMAN : Unit Rate in words (Rs.)										
	For DIU : Unit Rate in words (Rs.)										
	For DNH : Unit Rate in words (Rs.)										
	For OPCL : Unit Rate in words (Rs.)										
	For KPCL : Unit Rate in words (Rs.)										
	For RC PURAM : Unit Rate in words (Rs.)										
<b>13</b>	<b>Freight Charge including Service Tax @ 12.36% on 25% of Freight Value</b>										
	Freight Charges shall be quoted as a percentage of Basic Supply value which shall be the same for all sites(anywhere in India).The present Projects are : DAMAN,DIU,DNH,OPCL,KPCL & RC Puram			% of basic supply value	.....%	NA	NA	NA	NA	NA	Taxes Included
<b>14</b>	<b>Insurance Charges inclusive of all taxes</b>										
	Insurance Charges shall be quoted as a percentage of Basic Supply value which shall be the same for all sites(anywhere in India).The present Projects are : DAMAN,DIU,DNH,OPCL,KPCL & RC Puram			% of basic supply value	.....%	NA	NA	NA	NA	NA	Taxes Included

NOTE :

- The entire quantity for all six sites shall be procured from a single vendor.Overall L1 of all sites on FOR basis shall be considered.
- The quoted prices shall be on "FOR" basis to respective site.
- Please indicate ED/CST/VAT applicable as on date.
- Freight & Insurance charges shall be quoted extra as a percentage of the basic supply value.
- The above format shall be used for compliance.(Reproducing on your letter head is acceptable.)
- BHEL is trying to get concession on Excise Duty for supply to solar power projects. At the time of clearance of goods we may issue exemption certificate. In such cases, ED will be exempted but not reimbursed. At present, please indicate applicable rate of ED for comparison.
- BHEL is expecting common unit rates for the full qty listed above(approx.338KM) under Option 1 and common unit rate for the full qty listed above(approx.338KM) under Option 2 .
- For R C PURAM, HYDERABAD:Two options shall be quoted with respect to Taxation only:
  - BHEL EDN, Bangalore will release formal Purchase Order & arrange payment with Non-concessional CST(VAT of Material Originating State.)
  - BHEL EDN, Bangalore will issue Letter of Intent(LOI) & BHEL RC Puram, Hyderabad will release formal PO & arrange payment with 2% CST against Form C.

PRICE BID											
RFQ No.HBSBOS008 dt.04.09.2014 Due Dt.22.09.2014											
Sl No.	Material Code	Short Text	Project	Quantity	Unit	Unit Rate (Rs.) for Option2 : EBXL XLPO Insulated	Total Value (Rs.) for Option 2 :EBXL XLPO Insulated (Unit Rate X Qty)	Taxes			Remarks
								ED %	CST %	VAT %	
<b>B OPTION 2 : EBXL XLPO Insulated</b>											
1	PS0679041451	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Red Cable	DAMAN	8000	M						Taxes Extra
2			DIU	22000	M						Taxes Extra
3			DNH	22000	M						Taxes Extra
4			OPCL	26000	M						Taxes Extra
5			KPCL	80000	M						Taxes Extra
6			RC PURAM	11000	M						Taxes Extra
For DAMAN : Unit Rate in words (Rs.)											
For DIU : Unit Rate in words (Rs.)											
For DNH : Unit Rate in words (Rs.)											
For OPCL : Unit Rate in words (Rs.)											
For KPCL : Unit Rate in words (Rs.)											
For RC PURAM : Unit Rate in words (Rs.)											
7	PS0679041460	1.1kV 1Cx6 Sq.mm PVC/XLPO Cu Black Cable	DAMAN	8000	M						Taxes Extra
8			DIU	22000	M						Taxes Extra
9			DNH	22000	M						Taxes Extra
10			OPCL	26000	M						Taxes Extra
11			KPCL	80000	M						Taxes Extra
12			RC PURAM	11000	M						Taxes Extra
For DAMAN : Unit Rate in words (Rs.)											
For DIU : Unit Rate in words (Rs.)											
For DNH : Unit Rate in words (Rs.)											
For OPCL : Unit Rate in words (Rs.)											
For KPCL : Unit Rate in words (Rs.)											
For RC PURAM : Unit Rate in words (Rs.)											
<b>B Freight Charge including Service Tax @ 12.36% on 25% of Freight Value</b>											
Freight Charges shall be quoted as a percentage of Basic Supply value which shall be the same for all sites(anywhere in India).The present Projects are : DAMAN,DIU,DNH,OPCL,KPCL & RC Puram			% of basic supply value	.....%	NA	NA	NA	NA	NA	Taxes Included	
<b>C Insurance Charges inclusive of all taxes</b>											
Insurance Charges shall be quoted as a percentage of Basic Supply value which shall be the same for all sites(anywhere in India).The present Projects are : DAMAN,DIU,DNH,OPCL,KPCL & RC Puram			% of basic supply value	.....%	NA	NA	NA	NA	NA	Taxes Included	

NOTE :

- The entire quantity for all six sites shall be procured from a single vendor.Overall L1 of all sites on FOR basis shall be considered.
- The quoted prices shall be on "FOR" basis to respective site.
- Please indicate ED/CST/VAT applicable as on date.
- Freight & Insurance charges shall be quoted extra as a percentage of the basic supply value.
- The above format shall be used for compliance.(Reproducing on your letter head is acceptable.)
- BHEL is trying to get concession on Excise Duty for supply to solar power projects. At the time of clearance of goods we may issue exemption certificate. In such cases, ED will be exempted but not reimbursed. At present, please indicate applicable rate of ED for comparison.
- BHEL is expecting common unit rates for the full qty listed above(approx.338KM) under Option 1 and common unit rate for the full qty listed above(approx.338KM) under Option 2 .
- For R C PURAM, HYDERABAD:Two options shall be quoted with respect to Taxation only:
  - BHEL EDN, Bangalore will release formal Purchase Order & arrange payment with Non-concessional CST(VAT of Material Originating State.)
  - BHEL EDN, Bangalore will issue Letter of Intent(LOI) & BHEL RC Puram, Hyderabad will release formal PO & arrange payment with 2% CST against Form C.