

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

**Tender Documents for Supply of 1 Core X 185sq-mm, 1 Core X 240 sq-mm
and 1 Core X 300 sq-mm Aluminium, armoured,XLPE insulated
cable**

RFQ Ref: HBSBOS009
RFQ Due Date: 22.09.2014

This Tender Document Contains:

- (1) Request For Quotation
- (2) Technical Specifications : PS- 439-899
- (3) General Terms and Conditions (Doc Ref : SCPV/BOS/01-Rev 01)
- (4) Enclosures B,B1&B2 : Commercial Terms & Conditions, Unpriced Bid Format and Price Bid Format

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

Ms. Iswarya Raveendran, Engineer (SC&PV-MM)
Ph : 080 26998113
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REQUEST FOR QUOTATION

	BHARAT HEAVY ELECTRICALS LIMITED Electronics Division PB No. 2606, Mysore Road Bangalore - 560026 INDIA	RFQ NUMBER: HBSBOS009 RFQ DATE : 04.SEP.2014	Due Date 22.SEP.2014 Time: 13:00 HRS VENUE : NEW ENGG. BLDG
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-439-899 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	PS0679041478 1.1kV 1Cx185 Sq.mm XLPE Al Red Cable As per specs.PS-439-899 Test Certificate	24,500	M	11,000	15.NOV.2014
				3,000	15.NOV.2014
				10,500	15.NOV.2014
2	PS0679041486 1.1kV 1Cx185 Sq.mm XLPE Al Black Cable As per specs.PS-439-899 Test Certificate	24,500	M	11,000	15.NOV.2014
				3,000	15.NOV.2014
				10,500	15.NOV.2014
3	PS0679041494 1.1kV 1Cx240 Sq.mm XLPE Al RedCable As per specs.PS-439-899 Test Certificate	16,000	M	2,000	15.NOV.2014
				6,000	15.NOV.2014
				8,000	15.NOV.2014
4	PS0679041508 1.1kV 1Cx240 Sq.mm XLPE Al Black Cable As per specs.PS-439-899 Test Certificate	16,000	M	8,000	15.NOV.2014
				6,000	15.NOV.2014
				2,000	15.NOV.2014
5	PS0679041516 1.1kV 1Cx300 Sq.mm XLPE Al Red Cable As per specs.PS-439-899 Test Certificate	3,420	M	220	15.NOV.2014
				400	15.NOV.2014
				1,400	15.NOV.2014
				700	15.NOV.2014
				700	15.NOV.2014
6	PS0679041524 1.1kV 1Cx300 Sq.mm XLPE Al Yellow Cable As per specs.PS-439-899 Test Certificate	3,420	M	700	15.NOV.2014
				220	15.NOV.2014
				400	15.NOV.2014
				1,400	15.NOV.2014
				700	15.NOV.2014
7	PS0679041532 1.1kV 1Cx300 Sq.mm XLPE Al Blue Cable As per specs.PS-439-899 Test Certificate	3,420	M	400	15.NOV.2014
				220	15.NOV.2014
				700	15.NOV.2014
				1,400	15.NOV.2014
				700	15.NOV.2014

Total Number of Items - 7

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


i). This is only RFQ not an order.

For and On behalf of BHEL.

REQUEST FOR QUOTATION

 MMI:PU:RF:003	BHARAT HEAVY ELECTRICALS LIMITED Electronics Division PB No. 2606, Mysore Road Bangalore - 560026 INDIA	RFQ NUMBER: HBSBOS009 RFQ DATE : 04.SEP.2014	Due Date 22.SEP.2014 Time: 13:00 HRS VENUE : NEW ENGG. BLDG
		(for all correspondence) Purchase Executive : SRINIVAS H B Phone : 26998452 Fax : 00918026989217 E-mail: srinivasahb@bheledn.co.in	
<p>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.</p>			
<p>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 .</p>			

For and On behalf of BHEL.

	PURCHASE SPECIFICATION FOR Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm, 1 core x300 sq.-mm, aluminium , armoured, XLPE insulated cables.	PS-439-899
		REV NO: 00
		PAGE: 1 OF 10



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

Technical specification

For Supply of 1 core x185 sq-mm ,1 core x 240 sq-mm and 1 core x300 sq-mm
aluminium , armoured, XLPE insulated cables

Revision details :R 00	Prepared  BKC/LNK	Approved  SLR/BNR	Date 4-8-2014
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	<p align="center">PURCHASE SPECIFICATION FOR</p> <p align="center">Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm,</p> <p align="center">1 core x300 sq.-mm, aluminium , armoured, XLPE</p> <p align="center">insulated cables.</p>	PS-439-899
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1.0 Pre-qualification criteria:

(A) Vendor should have supplied 185sq mm, 240sq mm, 300 sq mm cables as per this specification for a minimum length of 5 km of each type for Solar power projects in India 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

Cable, 1 core x 185 sq-mm ,1 core x 240 sq-mm and 1 core x 300 sq-mm stranded , aluminium conductor with XLPE insulation, galvanized steel wire armored, PVC outer sheathed, FR and voltage grade of 1100V.

1.2 Technical specification:

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

In case of conflict between this specification and those (IS: Codes, 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 record deviations if any, in the column meant for vendor compliance. **Vendor acceptance (Yes / No).**

#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.1	Item description	Cable, 1 core x 185 sq-mm, 1 core x 240 sq-mm and 1 core x 300 sq-mm, multi-stranded, compacted plain aluminium conductor, XLPE insulated, galvanized steel wire armoured, PVC outer sheathed, FR, voltage grade of 1100V.	
1.2.2	Application	Suitable for use in outdoor application for transmitting power in Solar PV plants.	
1.2.3	Applicable standards	IS: 7098 (part-1) 1988.	
1.2.4	Voltage grade	1100V	




PURCHASE SPECIFICATION FOR
Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm,
1 core x300 sq.-mm, aluminium , armoured, XLPE
insulated cables.

PS-439-899


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#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.5	Conductor	As per IS: 8130-1984	
a)	Material	Class 2 flexible plain aluminium conductor (grade H4).	
b)	Cross sectional area	185 sq-mm(For 1Cx185 sq mm) 240 sq-mm(For 1Cx240 sq mm) 300 sq-mm(For 1Cx300 sq mm)	
c)	Maximum DC conductor resistance at 20°C	For 1Cx185 sq mm :0.164 Ohm per Km For 1Cx240 sq mm : 0.125 Ohm per Km For 1Cx300 sq mm :0.100 Ohm per Km	
d)	No of strands (minimum)	30 wires as per IS: 8130-1984.	
1.2.6	Insulation	As per IS: 7098 (part-1) 1988	
a)	Material	Cross linked polyethylene (XLPE)	
b)	Nominal insulation thickness	For 1Cx185 sq. mm : 1.9 mm For 1Cx240 sq. mm : 2.0 mm For 1Cx300 sq. mm : 2.1 mm	
c)	Tolerance on thickness	As per IS: 7098 (part-1) 1988	
d)	Volume resistivity at 27°C	1×10^{14} Ohm-cm (Min).	
e)	Volume resistivity at 90°C	1×10^{12} Ohm-cm (Min).	
f)	Max. conductor temperature	90°C – Normal continuous operation 250°C – Short circuit condition	
g)	Core identification (insulation colour)	As indicated in ANNEXURE-1.	

	PURCHASE SPECIFICATION FOR Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm, 1 core x300 sq.-mm, aluminium , armoured, XLPE insulated cables.	PS-439-899
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#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.7	Armouring	As per IS: 3975- 1979.	
a)	Armour material	Galvanized round steel wire.	
b)	Armour wire dia (Nom)	As per IS: 7098 (part-1)	
c)	Maximum DC resistance at 20°C	0.791 ohm/km	
d)	The gap between armour wires shall not exceed one armour wire space and there shall be no cross over/ over-riding of armour wire. The minimum area of coverage of armouring shall be 90%. The breaking load of armour joint shall not be less than 95% of that of armour wire. Zinc rich paint shall be applied on armour joint surface of GS wire.		
1.2.8	Outer sheath	As per IS: 5831- 1984	
a)	Material	Extruded PVC Type ST2	
b)	Thickness of outer sheath	As per IS: 7098 (part-1)	
c)	Colour of outer sheath	Black	
d)	Overall diameter of cable	Vendor shall indicate dimension. Allowable tolerance shall be +/- 2 mm over declared value.	
1.2.9	Ovality at any cross section shall be kept minimum so as to have circular cross section of cable.		


	PURCHASE SPECIFICATION FOR Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm, 1 core x300 sq.-mm, aluminium , armoured, XLPE insulated cables.	PS-439-899
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#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.10	Minimum bending radius	15 D as per IS: 1255-1983	
1.2.11	FR properties		
a)	Minimum Oxygen index	Min 29 %, as per IS 10810 Part 58	
b)	Minimum Temperature index	As per IS 10810 Part 64	
c)	Flammability	As per IEC-60332 Part-3	


1.2.12: Type Tests: Type tests shall be carried out in presence of BHEL's representative for which minimum 15 days prior intimation shall be given by the vendor. The vendor shall obtain BHEL's approval for the type test procedure before conducting the type test. The type test procedure shall clearly specify the test set-up, instruments to be used, procedure, accepted norms, recording of different parameters, interval of recording etc., for the tests to be carried out.

In case the vendor has conducted such specified type test(s) within last ten years as on date of bid opening, vendor shall submit type test reports to BHEL within seven days of placement of PO for waiver of conducting such type test(s). These reports should be for the tests conducted on the cable with similar specification as ordered and tests should have been conducted at an independent laboratory or should have been witnessed by a client. BHEL reserves the right to waive conducting of any or all specified tests.


Charges for these tests to be conducted if any shall be deemed to be included in the price of the cables ordered.

	PURCHASE SPECIFICATION FOR Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm, 1 core x300 sq.-mm, aluminium , armoured, XLPE insulated cables.	PS-439-899
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1.2.12	Particular	BHEL specification	Vendor acceptance (Yes / No)
a)	Tensile test(*)	* As per IS 7098 part-1: 1988 # Tests on armour shall be conducted as per IS: 3975: 1979 Type test certificate shall be produced by the vendor along with the offer.	
b)	Wrapping test(*)		
c)	Conductor resistance test(*)		
d)	Tests on armour wire(#)		
e)	Test on thickness of insulation and sheath(*)		
f)	Physical tests for insulation and outer sheath (*)		
g)	Insulation resistance test (*)		
h)	HV test (*)		
i)	FR property tests		
	i. Oxygen index test : Min 29 %, as per IS 10810 Part 58		
	ii.FR test on single cables As per IS: 10810 Part 61		
	iv. Temperature index test As per IS 10810 Part 64		

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#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.13	Acceptance tests	Prior to dispatch, vendor shall provide inspection call to BHEL to witness the acceptance tests.	
a)	Tensile test (*)	Sampling shall be As per IS 7098 part-1: 1985 * As per IS 7098 part-1: 1988 # Ageing test shall be performed as indicated below: Samples as per IS 7098 part-1: 1988 from the offered lot shall be tested for tensile strength & elongation (before and after ageing) as per IS 7098 part-1: 1988.	
b)	Wrapping test (*)		
c)	Conductor resistance test (*)		
d)	Test for thickness of insulation and sheath (inner & outer) (*)		
e)	Hot set test for insulation(*)		
f)	Tensile strength and elongation at break of insulation and sheath(inner & outer) (*)		
g)	Ageing test on insulation and sheath (inner and outer) (#)		
h)	Thermal stability test for sheath (inner & outer) as per IS 5831-1984		
i)	Tests on armour wire as per IS:3975-1979		
	i. Measurement of Dimensions		
	ii. Tensile test		
	iii. Elongation test		
	iv. Torsion test		


	PURCHASE SPECIFICATION FOR Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm, 1 core x300 sq.-mm, aluminium , armoured, XLPE insulated cables.	PS-439-899
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#	Particular		Vendor acceptance (Yes / No)
	v. Wrapping test		
	vi. Resistance test		
	vii. Zinc coating test (mass & uniformity)		
	viii. Adhesion test		
	ix. Freedom from defects		
j)	Insulation resistance (Volume resistivity) test (*)		
k)	HV test at room temp (*)		
l)	Flammability test As per IEC-60332 Part-3		
m)	FR property tests		
	i. Oxygen index test as per IS 10810 Part 58		
	ii. Temperature index test as per IS 10810 Part 64		
	iii. FR test on single cable As per IS: 10810 Part 61		
1.2.14	Routine tests	As per IS: 7098 (Part-1) 1988.	
a)	Conductor resistance test	To be conducted by the vendor on each drum of finished cables to demonstrate integrity of the cable.	
b)	HV test	Test report shall be submitted to BHEL along with inspection call.	


	PURCHASE SPECIFICATION FOR Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm, 1 core x300 sq.-mm, aluminium , armoured, XLPE insulated cables.	PS-439-899
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#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.15	Manufacturing Quality Plan / Quality Assurance Plan	Vendor shall submit Manufacturing Quality Plan / Quality Assurance Plan to BHEL for approval within seven days of placement of purchase order.	
1.2.16	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 the cable, Batch / Lot number. Test certificate shall contain test description, measured values of dimensions and cable properties, and acceptance limits.	
1.2.17	Cable identification	The printing/ embossing shall be progressive, automatic, in line and marking shall be legible and indelible.	
a)	Identification scheme / printing on the cable.	Printing shall be on outer sheath with following information throughout the length of the cable at interval of 1 meter: Manufacturer name, brand name or trade mark, ISI mark / IS standard, Cable size, Voltage grade, FR and sequential marking of the length of cable at every interval of 1m.	

(Cont. to Page No 10)

	PURCHASE SPECIFICATION FOR Supply of 1 core x 185 sq-mm, 1 core x240 sq-mm, 1 core x300 sq.-mm, aluminium , armoured, XLPE insulated cables.	PS-439-899
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#	Particular	BHEL specification	Vendor acceptance (Yes / No)
1.2.18	Packing and marking		
a)	Packing	The cable shall be supplied in non-returnable wooden or steel drum of heavy construction. The surface of the drum and the outermost cable layer shall be covered with water proof cover. Both the ends of the cable shall be properly sealed with heat shrinkable PVC/ rubber caps secured by 'U' nails so as to eliminate ingress of water during transportation, storage and erection. Wood preservative anti-termite treatment shall be applied to the entire drum. Wooden drums shall comply IS: 10418.	
b)	Marking on the drum	Each drum shall be marked with following information: BHEL PO number and date, BHEL specification number, Cable description, Manufacturer name, Address and contact number, Part number, Size & Length of the cable, Cable code, Voltage grade, Approx gross mass, Year of manufacture etc stenciled on both sides of the drum. A tag containing same information shall be attached to the leading end of the cable. An arrow and suitable accompanying wording shall be marked on one end of the reel indicating the direction in which it should be rolled.	
c)	Drum length	500 meter +/- 5%. In case, the cable length is less than 500m, such cable is to be wound and supplied in separate individual drum.	

	<p align="center">PURCHASE SPECIFICATION FOR Supply of 1 core x185 sq-mm ,1 core x 240 sq-mm, 1 core x300 sq.-mm, aluminium, armoured, XLPE insulated cables.</p>	
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ANNEXURE-1:

Ref:BHEL/SCPV/LT-XLPE/01

Introduction

DATE: 04/08/2014

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).

This technical specification provides BHEL requirements for supply of 1 core x 240 sq-mm , 1 core x 185 sq-mm and 1 core x 300 sq-mm ,stranded, aluminium conductor, XLPE insulation, galvanized steel wire armored, PVC outer sheathed, FR, voltage grade 1100V for the above Solar PV Plants.

1.0 Scope of supply

SL No	Item Description	QUANTITY					
		DIU	DAMAN	DNH	OPCL	KPCL	BHEL-RC Puram
1.1	Supply of 1 core x 240 sq-mm stranded, aluminium conductor, XLPE insulation, galvanized steel wire armored, PVC outer sheathed, FR, voltage grade 1100V as per PS-439-899.						
	Red Insulation	6 km	2 km	8 km	NIL	NIL	NIL
	Black Insulation	6 km	2 km	8 km	NIL	NIL	NIL
1.2	Supply of 1 core x 185 sq-mm stranded, aluminium conductor, XLPE insulation, galvanized steel wire armored, PVC outer sheathed, FR, voltage grade 1100V as per PS-439-899.						
	Red Insulation	NIL	NIL	NIL	11 km	10.5 km	3 km
	Black Insulation	NIL	NIL	NIL	11 km	10.5 km	3 km



PURCHASE SPECIFICATION FOR
Supply of 1 core x185 sq-mm ,1 core x 240 sq-mm,
1 core x300 sq.-mm, aluminium, armoured, XLPE
insulated cables.

SL No	Item Description	QUANTITY					
		DIU	DAMAN	DNH	OPCL	KPCL	RC Puram
1.3	Supply of 1 core x 300 sq-mm stranded, aluminium conductor, XLPE insulation, galvanized steel wire armored, PVC outer sheathed, FR, voltage grade 1100V as per PS-439-899.				NIL		
	Red Insulation	700 m	220 m	700 m		1400 m	400 m
	Blue Insulation	700 m	220 m	700 m		1400 m	400 m
	Yellow Insulation	700 m	220 m	700 m		1400 m	400 m

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, 2nd 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.

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- 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.

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 2nd 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.

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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

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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.

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- 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.

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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.

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

Sl. No	Country	Air Ports
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	Bartislawa
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.

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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

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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

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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 its 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.

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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.

Signature of tenderer / with seal

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

Annexure B

COMMERCIAL TERMS & CONDITIONS (to be enclosed with TECHNO-COMMERCIAL BID) (For Indigenous Purchase Orders)				
RFQ No.HBSBOS009 RFQ DATE : 04.09.2014 DUE DATE : 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-439-899) 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

Annexure B

COMMERCIAL TERMS & CONDITIONS (to be enclosed with TECHNO-COMMERCIAL BID) (For Indigenous Purchase Orders)				
RFQ No.HBSBOS009 RFQ DATE : 04.09.2014 DUE DATE : 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 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.HBSBOS009 RFQ DATE : 04.09.2014 DUE DATE : 22.09.2014										
Sl No.	Material Code	Short Text	Project	Quantity	Unit	Quoted	Taxes			Remarks
							ED %	CST %	VAT %	
A	SUPPLY OF 1C x 240SQMM Cable									
1	PS0679041494	1.1kV 1Cx240 Sq.mm XLPE Al RedCable	DAMAN	2000	M	Yes / No				Taxes Extra
2			DIU	6000	M	Yes / No				Taxes Extra
3			DNH	8000	M	Yes / No				Taxes Extra
4	PS0679041508	1.1kV 1Cx240 Sq.mm XLPE Al Black Cable	DAMAN	2000	M	Yes / No				Taxes Extra
5			DIU	6000	M	Yes / No				Taxes Extra
6			DNH	8000	M	Yes / No				Taxes Extra
B	SUPPLY OF 1C x 185SQMM Cable									
1	PS0679041478	1.1kV 1Cx185 Sq.mm XLPE Al Red Cable	OPCL	11000	M	Yes / No				Taxes Extra
2			KPCL	10500	M	Yes / No				Taxes Extra
3			RC PURAM	3000	M	Yes / No				Taxes Extra
4	PS0679041486	1.1kV 1Cx185 Sq.mm XLPE Al Black Cable	OPCL	11000	M	Yes / No				Taxes Extra
5			KPCL	10500	M	Yes / No				Taxes Extra
6			RC PURAM	3000	M	Yes / No				Taxes Extra
C	SUPPLY OF 1C x 300SQMM Cable									
1	PS0679041516	1.1kV 1Cx300 Sq.mm XLPE Al Red Cable	DAMAN	220	M	Yes / No				Taxes Extra
2			DIU	700	M	Yes / No				Taxes Extra
3			DNH	700	M	Yes / No				Taxes Extra
4			KPCL	1400	M	Yes / No				Taxes Extra
5			RC PURAM	400	M	Yes / No				Taxes Extra
6	PS0679041524	1.1kV 1Cx300 Sq.mm XLPE Al Yellow Cable	DAMAN	220	M	Yes / No				Taxes Extra
7			DIU	700	M	Yes / No				Taxes Extra
8			DNH	700	M	Yes / No				Taxes Extra
9			KPCL	1400	M	Yes / No				Taxes Extra
10			RC PURAM	400	M	Yes / No				Taxes Extra
11	PS0679041532	1.1kV 1Cx300 Sq.mm XLPE Al Blue Cable	DAMAN	220	M	Yes / No				Taxes Extra
12			DIU	700	M	Yes / No				Taxes Extra
13			DNH	700	M	Yes / No				Taxes Extra
14			KPCL	1400	M	Yes / No				Taxes Extra
15			RC PURAM	400	M	Yes / No				Taxes Extra
D	Freight Charge including Service Tax @ 12.36% on 25% of Freight Value									
	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
E	Insurance Charges inclusive of all taxes									
	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 the sites shall be procured from a single vendor.Overall L1 of all three types of cables on FOR basis to sites 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 indicate applicable rate of ED for comparison.
- BHEL is expecting common unit rates for the full qty for each type to different sites.
- 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.

Authorized Signatory with seal

PRICED BID											
RFQ No.HBSBOS009 RFQ DATE : 04.09.2014 DUE DATE : 22.09.2014											
Sl No.	Material Code	Short Text	Project	Quantity	Unit	Unit Rate (Rs.)	Total Value (Rs.) (Unit Rate X Quantity)	Taxes			Remarks
								ED %	CST %	VAT %	
A	SUPPLY OF 1C x 240SQMM Cable										
1	PS0679041494	1.1kV 1Cx240 Sq.mm XLPE Al RedCable	DAMAN	2000	M						Taxes Extra
2			DIU	6000	M						Taxes Extra
3			DNH	8000	M						Taxes Extra
	For DAMAN : Unit Rate in words(Rs.)										
	For DIU : Unit Rate in words(Rs.)										
	For DNH : Unit Rate in words(Rs.)										
4	PS0679041508	1.1kV 1Cx240 Sq.mm XLPE Al Black Cable	DAMAN	2000	M						Taxes Extra
5			DIU	6000	M						Taxes Extra
6			DNH	8000	M						Taxes Extra
	For DAMAN : Unit Rate in words(Rs.)										
	For DIU : Unit Rate in words(Rs.)										
	For DNH : Unit Rate in words(Rs.)										
B	SUPPLY OF 1C x 185SQMM Cable										
1	PS0679041478	1.1kV 1Cx185 Sq.mm XLPE Al Red Cable	OPCL	11000	M						Taxes Extra
2			KPCL	10500	M						Taxes Extra
3			RC PURAM	3000	M						Taxes Extra
	For OPCL :Unit Rate in words(Rs.)										
	For KPCL : Unit Rate in words (Rs.)										
	For RC PURAM : Unit Rate in words(Rs.)										
4	PS0679041486	1.1kV 1Cx185 Sq.mm XLPE Al Black Cable	OPCL	11000	M						Taxes Extra
5	PS0679041486	1.1kV 1Cx185 Sq.mm XLPE Al Black Cable	KPCL	10500	M						Taxes Extra
6	PS0679041486	1.1kV 1Cx185 Sq.mm XLPE Al Black Cable	RC PURAM	3000	M						Taxes Extra
	For OPCL :Unit Rate in words(Rs.)										
	For KPCL : Unit Rate in words (Rs.)										
	For RC PURAM : Unit Rate in words(Rs.)										

Authorized Signatory with seal

PRICE BID											
RFQ No.HBSBOS009 RFQ DATE : 04.09.2014 DUE DATE : 22.09.2014											
Sl No.	Material Code	Short Text	Project	Quantity	Unit	Unit Rate (Rs.)	Total Value (Rs.) (Unit Rate X Quantity)	Taxes			Remarks
								ED %	CST %	VAT %	
C	SUPPLY OF 1C x 300SQMM Cable										
1	PS0679041516	1.1kV 1Cx300 Sq.mm XLPE Al Red Cable	DAMAN	220	M						Taxes Extra
2			DIU	700	M						Taxes Extra
3			DNH	700	M						Taxes Extra
4			KPCL	1400	M						Taxes Extra
5			RC PURAM	400	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 KPCL : Unit Rate in words (Rs.)										
	For RC PURAM : Unit Rate in words(Rs.)										
6	PS0679041524	1.1kV 1Cx300 Sq.mm XLPE Al Yellow Cable	DAMAN	220	M						Taxes Extra
7			DIU	700	M						Taxes Extra
8			DNH	700	M						Taxes Extra
9			KPCL	1400	M						Taxes Extra
10			RC PURAM	400	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 KPCL : Unit Rate in words (Rs.)										
	For RC PURAM : Unit Rate in words(Rs.)										
11	PS0679041532	1.1kV 1Cx300 Sq.mm XLPE Al Blue Cable	DAMAN	220	M						Taxes Extra
12			DIU	700	M						Taxes Extra
13			DNH	700	M						Taxes Extra
14			KPCL	1400	M						Taxes Extra
15			RC PURAM	400	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 KPCL : Unit Rate in words (Rs.)										
	For RC PURAM : Unit Rate in words(Rs.)										
B	Freight Charge including Service Tax @ 12.36% on 25% of Freight Value										
	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	Taxes Included
C	Insurance Charges inclusive of all taxes										
	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	Taxes Included

NOTE:

- The entire quantity for all the sites shall be procured from a single vendor. Overall L1 of all three types of cables on FOR basis to sites shall be considered.
- The quoted prices shall be on "FOR" basis to respective site.
- Please indicate ED/CST/VAT applicable as on date.
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- BHEL is expecting common unit rates for the full qty for each type to different sites.
- For R C PURAM, HYDERABAD: Two options shall be quoted with respect to Taxation only:
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