



CORPORATE PURCHASING SPECIFICATION

AA 101 66

Rev. No. 06

PREFACE SHEET

GALVANIZED STEEL SHEET, GRADE 120 GPD/GC

FOR INTERNAL USE ONLY
REMOVE THIS PREFACE SHEET BEFORE ISSUE TO SUPPLIERS

Comparable Standards:

1. INDIAN : IS: 277 – 2003, Gr.: 120 GPD/GC

Suggested/Probable Suppliers And Grades:

Refer plant vendors list

User Plant References:

1. BHOPAL : BP 101 66
 2. HEER, HARDWAR : 0500.005
 3. HYDERABAD : IS:277
 4. TIRUCHY : IS:277, class 3

Revisions :

Cl: 27.6.12 of MOM of MRC-S&GPS

APPROVED :

INTERPLANT MATERIAL RATIONALISATION
 COMMITTEE-MRC (S&GPS)

Rev. No. 06

Amd.No.

Reaffirmed

Prepared

Issued

Dt. of 1st Issue

Dt:15.06.2005

Dt :

Year: 2013

BHOPAL

Corp. R&D

AUGUST, 1976

	CORPORATE PURCHASING SPECIFICATION			AA 101 66	
				Rev. No. 06	
				PAGE 1 OF 3	
GALVANIZED STEEL SHEET, GRADE 120 GPD/GC					
1.0 GENERAL: This specification governs the quality requirements of plain and corrugated galvanized steel sheets, grade 120 GPD/GC produced by hot-dip process. 2.0 APPLICATION: Used for general purpose, such as paneling and roofing. 3.0 CONDITION OF DELIVERY: Annealed or normalized and galvanized. The sheets shall be supplied plain or corrugated as specified in BHEL order. 4.0 COMPLIANCE WITH NATIONAL STANDARDS: Material shall comply with the requirements of the following National standards and also meet the requirements of this specification: IS:277-2003, Gr.:120 GPD/GC: Galvanized steel sheet (Plain and corrugated) 5.0 DIMENSIONS AND TOLERANCES: Sizes: The material shall be supplied to the dimensions specified in BHEL order. Standard sizes shall be selected from IS:277. Plain sheets shall be ordered on the basis of length, width and thickness. Corrugated sheets shall be ordered on the basis of length, thickness, depth, pitch and number of corrugations. 5.2 Tolerances: The tolerances on sheets and coils shall comply with IS : 513 as detailed below: 5.2.1 Length: - 0 mm + 15 mm or 0.5 percent of length whichever is greater. 5.2.2 Diagonal: The diagonal distances between the opposite corners of any sheet shall not differ by more than 20mm. 5.2.3 Width: - 0 mm and + 10 mm.					
Revisions : Cl. 27.6.12 OF MOM OF MRC-S&GPS			APPROVED : INTERPLANT MATERIAL RATIONALISATION COMMITTEE-MRC (S&GPS)		
Rev. No. 06	Amd.No.	Reaffirmed	Prepared	Issued	Dt. of 1st Issue
Dt: 15.06.2005	Dt :	Year: 2013	BHOPAL	Corp. R&D	AUGUST, 1976

5.2.4 Mass:

The tolerance on mass of individual sheets shall be $\pm 10\%$ and tolerance on mass of each bundle of sheets shall be $\pm 5\%$.

5.2.5 Corrugations (When specified):

On depth	: ± 2.5 mm	Average of 4 measurements.
On pitch	: ± 5.0 mm	
On over all width after corrugations	: ± 25 mm	

6.0 MANUFACTURE :

The steels or coils used for galvanizing shall conform to the requirements of Gr.: O for corrugated and DD for plain of IS:513 or IS: 1079 and shall be either annealed or normalized. However, for corrugated sheets the maximum phosphorus content may be 0.09 percent.

Galvanizing shall be carried out by first pickling the black sheets or by cleaning the cold rolled coils in line and then dipping them in a bath of molten zinc at a temperature suitable to produce a complete and uniformly adhesive coating of zinc. The zinc ingots used for galvanizing shall conform at least to grade Zn 98 of IS:209.

7.0 FREEDOM FROM DEFECTS :

Galvanized plain sheets, corrugated sheets and coils shall be reasonably flat and free bare spots, holes, tears and other harmful defects.

Coils, however, may contain some abnormal imperfections which render a portion of the coil unusable since the imperfections in the coil can not be removed as in the case of cut lengths.

8.0 TEST SAMPLES:

8.1 Bend Test (For plain sheets):

Test pieces, 230 mm long and 75 to 100 mm wide, shall be cut both along and across the direction of rolling. Bend test pieces shall be selected at the rate of one set of 2 for every 1000 sheets or part thereof. Bend test shall not be conducted for corrugated sheets.

8.2 Coating Test:

One set of three samples, each 50 x 50 mm or 50 mm diameter shall be selected at random from one sheet for every 1000 galvanized sheets or part thereof. In the case of galvanized sheets produced from black sheets, one set of three samples shall be taken, two from an extremities of a diagonal and one from the middle of the sheet whereas in the case of galvanized sheets produced from cold rolled coils, one set of three samples shall be cut, one being from the middle of the width of sheet and one each from each side of sheet and in no case closer than 75 mm from the edge of the sheet.

9.0 BEND TEST (FOR PLAIN SHEETS):

Test samples prepared in accordance with clause 8.1 above shall withstand bending through 180° round a mandrel having a diameter equal to the number of times the thickness of the sheet specified in the table below without peeling or flaking of zinc.

Thickness of sheet, mm	* Mandrel diameter
Over 0.16 and upto & incld. 0.30	4
Over 0.30 and upto & incld. 1.60	3
Over 1.60 and upto & incld. 5.00	2

* Expressed as the number of times the thickness of sheet.



CORPORATE PURCHASING SPECIFICATION

AA 101 66

Rev. No. 06

PAGE 3 OF 3

10.0 ZINC COATING TEST:

Single Test:

One test sample bearing the lightest mass of coating out of the three test samples selected under clause 8.2 above, shall be used and the mass of the zinc coating when determined by the method given in IS:6745 shall not be less than 100 g/m².

The mass of coating shall represent the total mass of zinc, both sides inclusive.

11.0 TEST CERTIFICATES:

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

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

The test certificate shall bear the following information:

AA 101 66, Rev 06: Galvanized steel sheet, Grade 120 GPD/GC

BHEL Order No,

Supplier's name,

Identification No

Dimensional inspection

Results of bend and zinc coating tests.

Note: Material procured, supplied and certified as AA 101 66, Rev 05/IS:277, Gr.:120 GPD/GC and comply with the requirements of this specification is acceptable.

12.0 PACKING AND MARKING:

Sheets shall be securely packed in waterproof paper or hessian cloth and securely tied round with hoop iron and with wooden battens underneath to prevent the sheets from corrosion and damage during transit.

A metal label shall be securely attached to each bundle and shall bear the following information :

AA 101 66: Galvanized steel sheets, grade 120 GPD/GC

BHEL Order No,

Supplier's Name

Consignment and Identification No,

Size and Weight.

13.0 REFERRED STANDARDS (Latest Publications Including Amendments) :

1. IS : 209 2. IS : 277 3. IS : 513 4. IS : 1079 5. IS:6745

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	CORPORATE PURCHASING SPECIFICATION	AA51401 Rev No.03 PAGE 1 of 6																					
CONIFEROUS TIMBER FOR GENERAL PACKING PURPOSES																							
1.0 GENERAL: This specification governs the quality requirements of Coniferous timber supplied in the form of planks, battens beams and sleepers. The coniferous timber differs from non-coniferous (broad leave) timber in its gross appearance, anatomical structure and properties. In general, it works more easily under the tools and can be easily nailed.																							
2.0 APPLICATION: Used for general packing purposes.																							
3.0 COMPLIANCE WITH NATIONAL STANDARDS: There is no National standard covering this material. However, assistance has been derived from the following National standards: IS: 190 – 1991 Grade I : Coniferous Sawn Timber(Baulks & Scantling) IS: 6662 – 1993 Groups III & IV : Timber Species Suitable For Wooden Packaging																							
4.0 TERMINOLOGY: For the purpose of this specification, the definitions given in IS: 707 (Glossary of terms applicable to timber and timber products) shall apply except for the beam which is defined as follows: Beam is defined as converted timber whose cross-sectional dimensions exceed 50mm in both directions.																							
5.0 SPECIES: Shall be as stated on the order. Some standard species are: <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;"><u>Trade Name</u></th> <th style="text-align: left;"><u>Botanical Name</u></th> <th style="text-align: left;"><u>Abbreviation</u></th> </tr> </thead> <tbody> <tr> <td>Fir</td> <td>Abiespindrow</td> <td>FIR</td> </tr> <tr> <td>Deodar</td> <td>Cedrusdeodara</td> <td>DEO</td> </tr> <tr> <td>Chir</td> <td>Pinusroxburghil</td> <td>CHR</td> </tr> <tr> <td>Kali</td> <td>Pinuswallichians</td> <td>KAL</td> </tr> <tr> <td>Khasi Pine</td> <td>Pinuskhasya</td> <td>KPI</td> </tr> <tr> <td>Spruce</td> <td>Piccasmithianaboiss</td> <td>SPR</td> </tr> </tbody> </table>			<u>Trade Name</u>	<u>Botanical Name</u>	<u>Abbreviation</u>	Fir	Abiespindrow	FIR	Deodar	Cedrusdeodara	DEO	Chir	Pinusroxburghil	CHR	Kali	Pinuswallichians	KAL	Khasi Pine	Pinuskhasya	KPI	Spruce	Piccasmithianaboiss	SPR
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Revisions: Cl. 6.2.2 of MOM of WG – (T&PM)		APPROVED: INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(T&PM)																					
Rev No.03	Amd No.01	Reaffirmed																					
Dt:01-10-1995	Dt:02-05-2002	Year:2013																					
Prepared HEP, Bhopal		Issued Corp.R&D																					
		Dt. of 1 st Issue MAR. '80																					

CORPORATE PURCHASING SPECIFICATION



6.0 DIMENSIONS AND TOLERANCES:

6.1 Sizes:

Width, thickness and length of timber shall be clearly stated on the order.

6.2 Tolerances:

6.2.1 Width :50 to 250 mm Tolerance : +3 mm

6.2.2 Thickness: 20 to 250 mm Tolerance: +3 mm
- 1 mm

6.2.3 Length:

Standard length : 1 to 12 metres in multiples of 0.5 metre
Tolerance: $\pm 2\%$ or ± 25 mm whichever is less.

Note:

1.0 Measurements:

1.1 When nominal sizes are ordered, length, width and thickness shall be measured on the basis of accepted sizes. Plus tolerances shall not be added while computing the volume.

1.2 The measurements of length, width, thickness and computation of volume shall be as follows:

- The length shall be measured in metres in midline of a piece. The fractions of a metre shall be rounded off to the nearest lower 10 mm.
- The width shall be measured at the narrowest place in millimetres and shall be rounded off to the nearest lower one millimetre.
- The thickness shall be measured at the narrowest place in millimeters and shall be rounded off to the nearest lower one millimeter.
- The volume shall be computed in cubic meters correct to three places of decimal on the basis of accepted sizes

2.0 Single sampling plan based on IS:2500 shall be followed.

7.0 MOISTURE CONTENT:

The timber shall have moisture content as stated below within a depth of 15mm from the surface excluding a length of 300mm from each end at the time of inspection. The moisture content will be determined in accordance with IS: 287

October to June : 30%

July to September (Rainy season): 40%



CORPORATE PURCHASING SPECIFICATION

AA51401

Rev No.03

PAGE 3 of 6

8.0 FREE FROM DEFECTS:

Timber shall be free from the following defects:

Brashness, splits across the grain, shakes, spring, twist, insect attack, any kind of decay (rot), any sign of infection, open centre heart, centres heart on planks and any other defect.

Defects to the extent specified below are permissible. These defects shall be measured in accordance with IS: 3364.

8.1 Bow:

Shall be permissible up to a maximum of 2mm for 300mm length.

8.2 Cud:

Shall be permissible up to a maximum of 6mm for 300mm width

8.3 Centre heart:

Shall be permissible only on sleepers when it is not further than 35mm from the nearest edge. This does not apply to beams of cross sections above 200 X 200 mm.

8.4 Wane:

- a) For sections up to and including 150 X 150 mm:

Shall be permissible upto 1/5 of the width on the broad face subject to a maximum of 70mm and upto 1/3 of the width on the narrow face subject a maximum of 50mm, provided that one broad face is completely free from this defect. The wane shall be measured at its deepest part

- b) For sections above 150 X 150 mm:

The cumulative lengths of waness on all the sides should not be more than one length of the piece.

8.5 End splits:

The longest end split at each end shall be measured and the lengths added together. The total length of these shall not exceed 80mm per meter run of the piece.

8.6 Live knots:

8.6.1 Knots on the surface:

- a) Up to & including 25mm diameter:

A maximum of 5 knots/meter length are permissible. However, the knots shall not be so grouped or located as to affect the strength of the piece.

- b) Over 25mm and up to and including 70mm diameter:

A maximum of 2 knots/metre length are permissible.

CORPORATE PURCHASING SPECIFICATION



8.6.2 Knots on the edges:

- a) Up to and including 10mm diameter and for full thickness:

A maximum of 2 knots/metre length are permissible

- b) Over 10mm and up to & including 50mm diameter and for less than half thickness:

A maximum of 2 knots/metre length are permissible.

8.7 Dead knots:

- a) Below 10mm diameter:

A maximum of 3 knots/metre length are allowed provided that the knots are not so grouped or located as to affect the strength.

- b) From 10mm to up to and including 25mm diameter:

A maximum of 2 knots allowed to the extent of 1 knot/metre length.

- c) Above 25mm diameter:

Not allowed

Note: (For clauses 8.6 & 8.7): Major axis of the knot should be taken as the diameter of the knot

8.8 Surface cracks:

Surface cracks with a maximum depth of 10% of the thickness are permissible. A continuous crack of any depth all along the length is not permissible.

8.9 Sap Wood:

Permissible up to a maximum of 12 percent of the cross sectional area.

9.0 END COATING:

Timber shall be coated with any of the following effective compositions upto a distance of 80 mm from each end

- 9.1 Thick coal tar or bituminous paint.

- 9.2 Resin and lamp black (10:1) melted, mixed and applied hot.

- 9.3 Hardened gloss oil.

- 9.4 Paraffin wax.

- 9.5 Molasses and lime (3:1).

- 9.6 Geru/Yellow clay



CORPORATE PURCHASING SPECIFICATION

AA51401

Rev No.03

PAGE 5 of 6

10.0 INSPECTION AT SUPPLIER'S WORKS:

Whenever specified, tests and inspection are to be conducted in the presence of BHEL's representative. BHEL representative shall have free access at all times while work on the contract is being performed to all parts of the manufacturer works. The manufacture shall offer BHEL's representative all reasonable facilities, without charge, to satisfy the latter that the material is being furnished in accordance with this specification.

The manufacturer shall prepare and provide necessary test specimens for testing to be carried out at his premises. If facilities are not available at his works the manufacturer, shall make necessary arrangements for carrying out the prescribed tests elsewhere. The manufacturer shall notify BHEL in advance about the readiness of the material for inspection and testing. BHEL reserves the right to test the material at BHEL's Works and the final acceptance of the material shall be based on these test results

11.0 TEST CERTIFICATES:

Three copies of test certificate shall be supplied unless otherwise stated on the order.

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

The test certificate shall have the following information:

AA51401(Rev.No.03):CONIFEROUS TIMBER FOR GENERAL PACKING PURPOSES

BHEL order No.:

Supplier's References:

Type & Specie:

Treatment, if any:

Results of Dimensional Inspection:

Moisture content:

Defects as per clause 8.0:

Size:

Quantity supplied:

12.0 MARKING:

The timber shall be marked/painted with the following:

AA 514 01

BHEL order No. :

Supplier's Name :

Size & Quantity :

CORPORATE PURCHASING SPECIFICATION



13.0 REJECTION AND REPLACEMENT:

If the material does not conform to the requirements of this specification or found defective during further processing, such material shall be rejected notwithstanding any previous certification of satisfactory testing and/or inspection. The supplier shall under take to replace the rejected consignment at his own cost and the rejected material shall be taken back by the supplier after fulfilling the commercial terms and conditions.

14.0 REFERRED STANDARDS:

The following is the list of the latest standards, as published by the respective issuing bodies, referred to in this specification.

- | | | |
|-------------|-------------|-------------|
| 1) IS: 190 | 2) IS: 287 | 3) IS: 707 |
| 4) IS: 2500 | 5) IS: 3364 | 6) IS: 6662 |



TSD 6208 B

PLANT STANDARD BHOPAL

BP 085 14 99

Rev. No. 03

PAGE 1 OF 4

SUPERSEDES
BP 085 14 99(Rev.02)

TECHNICAL DELIVERY CONDITIONS FOR WOODEN PACKAGINGS

1. SCOPE :

This standard stipulates the technical delivery conditions for packing cases, crates, shooks and cradles manufactured as per drawings, covering requirements of species of timber, constructional features, tolerances, permissible defects, moisture content and marking etc.

2. COMPLIANCE WITH NATIONAL STANDARDS:

Assistance has been derived from the following Indian Standards in preparing this specification.

IS : 5247 (Part 2) - 1982 : Specification For Converted Timber (Coniferous) Part 2 Packing Cases & Crates.
(Reaffirmed: 2000)

IS : 190-1991 : Specification For coniferous Sawn Timber (Baulks & Scantlings).
(Reaffirmed: 2000)

IS : 6662 -1993 : Specification For Timber Species Suitable For Wooden Packaging.
(Reaffirmed: 1998)

3. SPECIES:

Timber Species shall be stated on the order.

Some standard species are :

Trade Name	Botanical Name	Abbreviation
Fir	Abies Pindrow	FIR
Deodar	Cedrus deodara	DEO
Chir	Pinus roxburghii	CHR
Kail	Pinus Wallichiana	KAL
Khasi Pine	Pinus Khasya	KPI

Revision : ● Reviewed and updated.

Issued by :

STANDARDS AND MATERIALS GROUP
TECHNICAL SERVICES DEPARTMENT

Rev. No. : 03

Date : 09.03.2005

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TSD 6209 A

PLANT STANDARD BHOPAL

BP 085 14 99

Rev. No. 03

PAGE 2 OF 4

4. CONSTRUCTIONAL FEATURES:

4.1 Packagings shall be manufactured as per BHEL drawing.

4.2 Dimensions of wood used shall be as below :

4.2.1 Planks

Thickness : 25, 40 and 50 mm.
Width : 140, 150, 175, 200, 225 & 250mm

NOTE

(i) Planks below 150 mm width are not to be used in plain packing cases, except that, maximum two number of planks with a width of 75 mm and above, can be used for adjustment of dimension of each shook. But in no case these are to be used in the ends.

(ii) In T & G packing Cases the minimum finished width of plank should not be less than 140 mm.

4.2.2 Battens/Scantlings/Beams:

Thickness : 50, 75, 100, 150, 200, 250 & 300 mm

Width : 75, 100, 150, 200, 250, 300 mm

4.3 In case of tongue and groove packing cases/shooks, plaining is to be done as per Drawing supplied alongwith the order.

4.4 For plain packing cases/shooks, maximum gap allowed between planks is 3 mm.

For Tongue and Groove joint packing cases/shooks, the maximum gap shall be :-

- 2 mm for lengths upto 2000 mm.
- 3 mm for lengths above 2000 mm.

4.5 Arrangement of nailing is to be done as per drawing supplied alongwith the order. Nails should be at least 25 mm away from the knot.

4.6 Hardware, excluding wire nails, shall be supplied by BHEL.

5. TOLERANCE:

5.1 For Timber Used in manufacture of packagings:

Thickness : + 3 or -1 mm
Width : + or -3 mm

NOTE:

The **negative** tolerance should not be in more than 20X of total quantity of planks, battans & beams.



TSD 6209 A

PLANT STANDARD BHOPAL

BP 085 14 99

Rev. No. 03

PAGE 3 OF 4

5.2 For Packing Cases/Shooks/Crates/Cradles:

Length/Width/Height : Upto 1830 mm : .+ 5 or - 0mm
From 1831 to 3050 mm: +10 or - 0 mm.
From 3051 to 4570 mm: +15 or - 0 mm.
Above 4571 mm : +20 or - 0 mm.

6. PERMISSIBLE DEFECTS:

6.1 Timber shall be free from cracks, rotten wood and infected wood when examined visually.

6.2 Defects to the extent specified below are permissible.

6.2.1 Live Knots:

6.2.1.1 Knots on the surface:

a) Upto & Including 25 mm diameter:

A maximum of 5 knots/metre length are permissible. However, the knots shall not be so grouped or located as to affect the strength of the piece.

b) Over 25 mm and upto and incld. 100 mm diameter :

A maximum of 2 Knots/metre length are permissible.

6.2.1.2 Knots On The Edges:

a) Upto and incld. 10 mm diamtere and for full thickness:

A maximum of 2 Knots/metre length are permissible.

b) Over 10 mm & upto & incld. 50 mm diameter & for full thickness and upto 100 mm diameter & 60X Thickness :

A maximum of 2 knots/metre length are permissible.

6.2.2 Dead Knots:

a) Below 10 mm diameter:

A maximum of 3 knots/metre length are allowed provided that the knots are not so grouped or located as to affect the strength.

b) From 10 mm to upto and incld. 25 mm diameter:

A maximum of 2 knots are allowed to the extent of 1 knot/metre length.

c) Above 25 mm diameter:

Not allowed.

NOTE:

For the purpose of this standard the definitions given in IS : 707 (Glossary of Terms Applicable to Timber and Timber Products) shall apply.



TSD 6209 A

PLANT STANDARD BHOPAL

BP 085 14 99

Rev. No. 03

PAGE 4 OF 4

7. MEASUREMENTS:

- 7.1 When nominal sizes are orderd, length, width and thickness, shall be measured on the basis of accepted sizes. Plus tolerances shall not be added while computing the volume.
- 7.2 The measurement of length, width, thickness and computation of the volume shall be made as follows. A steel tape scale with a least count of 1.0 mm shall be used, for the measurement.
- a) The length shall be measured in metres in midline of a piece. The fractions of a metre shall be rounded off to the nearest lower 10 mm.
 - b) The width shall be measured at the narrowest place in millimetres and shall be rounded off to the nearest lower one millimetre.
 - c) The Thickness shall be meaured at the narrowest place in millimetres and shall be rounded off to the nearest lower one mm.
 - d) The volume shall be computed in cubic metres correct to three places of decimal on the basis of accepted sizes.

8. MOISTURE CONTENT:

The packing wood shall have moisture content as stated below within a depth of 15 mm from the surface excluding a length of 300 mm from each end, at the time of inspection. The moisture content will be determined in accordance with Appendix -A of IS : 287, 1993. (Reaff. 1998)

Nov. to April : 30X max.
May to Oct. : 40% max.
(Rainy Season)

9. MARKING :

- 9.1 Supplier should do colour coding allotted to them for identification on each shook/case.
- 9.2 The individual packing case/shook should bear at the. edge (thickness), the TFC No. as per the scheme given below in visible paint, in letter size of 20 mm to 35mm.

For example Drg.No.TFC - 120.

It should be written.

For Top - TFC 120 T.
For Base - TFC 120 B.
For Side - TFC 120 S

- 9.3 Wherever the cases are supplied in assembled condition the TFC should be painted on right hand corner inside the box.



BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL
QUALITY PLAN FOR- CONIFEROUS TIMBER FOR GENERAL PACKING
(IS-190 GRADE-I)

1/2

QUALITY PLAN NO. CDC-01 Rev-01

Page 1 of 2
DATED: 04.01.2013

SL. NO	COMPONENT	CHARACTERISTICS	TYPE OF CHECK	QUANTAM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY	REMARKS
1	Wooden Planks / Battens / Beams for packing purposes	Type of species or Trade Name	V	100%	AA 51401 / PO	AA 51401 / PO	TC	Third Party or BHEL	
		Dimension a) Length b) Width c) Thickness	M	As per Single Sampling Plan	AA 51401 / PO	AA 51401 / PO	TC	Third Party or BHEL	TC to be submitted as per Single Sampling plan
		Visual Defects a) Bow b) Cup c) Centre Heart d) Knots e) Wane f) Surface Crack g) End Splits	V/M	As per Single Sampling Plan	IS-190 Grade-I	IS-190 Grade-I	TC	Third Party or BHEL	TCS to be submitted as per Single Sampling plan
		End Coating	V	100%	AA 51401	AA 51401	TC	Third Party or BHEL	
		Moisture Content	T	As per Single Sampling Plan	AA 51401	AA 51401	TC	Third Party or BHEL	TC to be submitted as per Single Sampling plan

Abbreviation: V - Visual, M- Measurement, T- Testing

PREPARED BY:

APPROVED BY

F.A. TOPPO / F.A. TOPPO
Sd/-
QC, QPR, QTC, QPS & QHG
BHEL, BHOPAL

VT



BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL

QUALITY PLAN FOR- CONIFEROUS TIMBER FOR GENERAL PACKING
(IS-190 GRAGE-I)

Page 2 of 2

SINGLE SAMPLING PLAN FOR NORMAL INSPECTION (AS PER IS -2500)

Lot or Batch size (In Nos.)	Inspection Level	Sample Size
2 to 8	I	2
9 to 15	I	2
16 to 25	I	3
26 to 50	I	5
51 to 90	I	5
91 to 150	I	8
151 to 280	I	13
281 to 500	I	20
501 to 1200	I	32
1201 to 3200	I	50

Note : Lot or Batch size indicates material supplied in one Truck

PREPARED BY:

APPROVED BY

Handwritten signature of P.A. TOPPO
 P.A. TOPPO / P.A. TOPPO
 QC, QPR, QTA, QPS & QMO
 BHEL, BHOPAL



FORM NO. MM 5627
Rev - 03

B.H.E.L., P.O. TERMS & CONDITIONS (INDIGENOUS)

The purchase order is subject to the following terms & conditions unless otherwise specified and directed :-

1. **ORDER ACKNOWLEDGEMENT :**
Order acknowledgement in the enclosed format must reach the concerned officer of Materials Management Divisions within 4 weeks of purchase order. Failure to do so within stipulated period will be deemed to mean that the order has been accepted by the supplier.
2. **PACKING :**
 - a) The supplier shall securely protect and pack the goods against loss, damage or corrosion in transit. Packing shall allow for easy removal and checking on site and comply with carrier conditions of packing or established trade practice.
 - b) Cases and packing materials shall be supplied free of charge unless otherwise agreed to. Wherever specifically agreed to, empties shall be returned at suppliers expenses but no liability will be accepted by BHEL in respect thereof.
 - c) Damage to the consignment resulting out of poor/inferior packing shall be to the account of the supplier.
3. **MARKING :**
 - a) The following details to be clearly marked on each case/box/packing/bundle and reel.
i) Consignee ii) BHEL Order No. iii) Gross weight iv) Net weight v) Dimensions in CMS vi) Brief description of item vii) BHEL Destination Code (refer purchase order) viii) Consignor.
 - b) All markings for safety, proper handling, storage, protection etc. are to be clearly marked on the case as per Indian Standard.
4. **CONSIGNEE :**
Unless otherwise mentioned, all goods shall be consigned as noted below :
 - a) Rail : Sr. Manager, Central Receiving Section, HESG Central Railway via Bhopal.
Note : Goods must not be consigned to Bhopal Station, HESG via Bhopal is an assisted siding in IRCA Chapter VIII page 373. All goods in small or wagon loads should be booked to this siding.
 - b) Road : Sr. Manager, Central Receiving Section Block VII, BHEL Despatches must be arranged through BHEL's approved transporters on door delivery basis.
 - c) Post/Air parcel : Sr. Manager Central Receiving section Block VII, BHEL, Bhopal - 462 022.
 - d) Supplier not complying with instructions at (a), (b) & (c) above shall do so at their risk and cost.
5. **PRICE :**
Unless specifically agreed to other wise, all prices shall be treated as FIRM.
6. **TERMS OF PAYMENT :**
The standard payment terms shall be as specified below and specified in the Purchase Order. It is however made clear that BHEL shall not accept any interest liability.

A. Local ancillary and SSI Units and other local parties.

100% payment on receipt and acceptance of Materials within 90 days of the date of receipt in BHEL.

B. Outstation SSI and other Suppliers.

BHEL prefers "door delivery" of material in which case payment shall be within 90 days from the date of despatch. In case documents through Bank 100% payments within 90 days from the date of despatch of Material. Delivery at our works.

Image of Payments through other negotiable instrument like Bill of Exchange/treasury etc. then the Material be delivered on "door delivery" basis. 100% payment within 90 days from date of acceptance of negotiable Bill, or Exchange/treasury. Hundies will be accepted by BHEL within 7 days of presentation or otherwise in accordance with contract.

नोट :- भुगतान के संबंधित दस्तावेजों का प्रचार प्रसार। दस्तावेजों का प्रचार प्रसार से पूर्व उचित जांच करना आवश्यक है। यदि दस्तावेजों में कोई त्रुटि पाई जाए तो उसे तुरंत सूचित किया जाना चाहिए।

NOTE :- The cheque will be sent by Registered post and the Company will in no way be responsible, if loss occurs due to delay by postal authorities or cheque falling into improper hands through forgery or fraud.

7. DOCUMENTATION :

The supplier shall forward four sets of the document as detailed below :-

- a) I set to the concerned Purchase officer, Materials management Deptt. 2nd floor Administrative Building, BHEL Bhopal-462 022, comprising of

i) Invoice	1 copy
ii) Challan/Despatch Advice note	2 copies
iii) Guarantee Certificate	3 copies
iv) Test Certificate	4 copies
v) Proforma for insurance	2 copies
vi) Photo copy of ED Paying Document	1 copy
vii) Photo copy of LR/R	1 copy
- b) II set to Dy. General Manager, Central Receiving Section, Block-VII, BHEL, Bhopal-462 022 comprising of :-

i) Original LR/R (if not negotiated through Bank)	
ii) Invoice	1 copy
iii) Challan/Despatch advice note	1 copy
iv) Excise Duty Paying document (Excise challan)	
- c) III set to Dy. Manager Purchase Bills Section, 4th floor Administrative Building BHEL, Bhopal-462022 comprising of :-

i) Signed Invoice	2 copies
ii) Excise Duty Paying Document (duplicate/photo copy)	1 copy
- d) IVth set to the bank in case of documents negotiated through Bank separately to each Purchase order comprising of :-

i) Original LR/R	
ii) Signed Invoice	2 copies
iii) Original Excise duty Paying Document (only in case of rail despatches)	
iv) Test Certificate	1 copy
v) Guarantee certificate	1 copy

Note :

'C' form shall be issued directly to the supplier. No 'C' form shall be exchanged against documents through Bank. This will be issued once in a year against a P.O. In case of materials going to site directly, 'C' form will be issued after suppliers confirmation that he will issue corresponding E1 form.

8. **Excise only :** The original Excise duty paying document or equivalent document indicating tariff item No. and drawn in favour of BHEL, Bhopal for each consignment shall accompany the transporters in case of road despatches and with R/R in case of rail despatches. In case of any other mode of despatch (such as Regd. Post Parcel /Air Parcel etc.) the same shall be forwarded to Sr. Manager, Central Receiving Section, Block VII, BHEL, Bhopal-462 022 directly by registered post/hand delivery. The Excise duty paying document must not be enclosed inside the packing case. No Excise Duty shall be paid in the absence of the above document.

9. SALES TAX :

BHEL Bhopal is registered as a manufacturer under Sales Tax registration No. BPL/BHEL/11, MPST No. BPL/HKL/9, Sales Tax declaration form will be issued as per rules. Supplier is to furnish E-1 form within 15 days after receipt of 'C' form in favour of Sr. Mgr. (Sales Tax) Materials Management Deptt. for the despatches direct to customers i.e. Destination other than BHEL Bhopal. Otherwise full CST & Penalty will be paid by Supplier.

10. INSURANCE :

supply. Wherever possible despatch particulars like MR with date, PO No. and value should be by TLX, TUG to Sr. Mgr. concerned group and to our underwriters (Gram - National Insurance TLX cable/NIC Div).

11. QUALITY :

All the goods supplied and services rendered must be the best of their kind and conform to the a mentioned in the order and/ or to be strictly in accordance with approved samples or drawings.

12. INSPECTION :

All the goods and works are subject to BHEL's inspection or where stipulated by BHEL's client or his nominees at supplier works. Despatch can be arranged against despatch clearance note issued inspection and/or customer's representative, However final acceptance is subject to inspection and at the destination.

13. TEST CERTIFICATE :

All certificates called for in the specification or order must be sent by Registered Post with the A BHEL may test any goods supplied and their decision is final irrespective of supplier's certificates. If test certificate and guarantee certificate are not received alongwith the document and stipulated specifications, BHEL reserves the right to get the material tested and recover the expenses from I without awaiting suppliers confirmation.

14. GUARANTEE :

All goods shall be free from any defect due to faulty design/material and / or workmanship/erect called for) and will be guaranteed for a period of twelve months from the date of commissioning of it 24 months from the date of despatch whichever is earlier. However, for any "Type defects" Supr responsible even after 24 months, if failure of the item on a/c of this. Where the contract stipulates submission of Bank guarantee the Suppliers shall get validity period extended from the Bank as and when required, failing which it will be treated as Breach of the t contract and the contract is liable to be cancelled and the loss suffered by BHEL shall be recoveral supplier.

15. REJECTION :

If any goods are rejected, BHEL shall be at liberty to take action as per following at the risk and cost a) Allow the supplier, where ever mutually agreed, to rectify the rejected goods at BHEL's work within time as fixed by BHEL.

b) Allow the supplier to make free replacement within a specified period. Rejected goods can be I supplier thereafter.

c) Allow supplier to refund the full amount paid to him by BHEL by a demand draft before lifting the reje Fresh replacement shall be regulated as per terms and condition of the original Purchase Order.

d) Take alternate procurement action from elsewhere and recover the difference in cost. If any, incur in this regard from the supplier. The supplier shall not be entitled to any gain on repurchase.

e) Terminate the contract either in part or in whole at the discretion of BHEL and recover the loss if a supplier.

f) Any goods rejected by BHEL must be removed by the supplier after making payment through De within 45 days from the date of intimation of rejection or 30 days after receipt to of the intimation which ever is earlier. If the goods are not removed within the period stipulated above, the goods sh to be sold by BHEL and the proceeds there of shall be adjusted towards storage charge and or of

16. DRAWINGS, PATTERNS & TOOLS :

All drawings as also all patterns and tool supplied by BHEL or made at BHEL's expense are BHEL These cannot be used or referred to any other party and must only be used in the execution of BH These should be preserved at the supplier's cost for a period of not less than 5 year.

17. INDEMNITY :

Supplier shall indemnify BHEL against the following:

a) Any claim or infringement of letters, patent or registered design by the use or sale of any article supplied to BHEL and against all costs and damages which may incur in any action for such infrings which BHEL become liable in any such action.

b) All claims for injury or damages caused by the suppliers negligence or the negligence of supplier arising from any defect in the goods supplied or on the work carried out by the supplier.

c) All claims for injury to the supplier's employees or agents employees whilst on BHEL premise.

18. SUB-CONTRACT :

BHEL's order or part there off, if further to be subcontracted in exceptional circumstances th subcontracting and to whom to be subcontracted shall be furnished to BHEL and written permissi obtained from BHEL. However it shall not absolve the supplier of the responsibility of fulfilling I requirements.

19. VARIATION OF ORDERS :

No variation to this order is permitted unless authorised in writing and signed by or on behalf executive. BHEL Bhopal.

20. LIQUIDATION DAMAGE/PENALTY :

a) Failure to effect supply by the time specified in the order or period of extension granted in writing b make the supplier liable to pay liquidated damage/an unconditional penalty, as the case may be, c Percent) of the price of the goods in arrears per week at the discretion of BHEL, subject to a maxim of the order value.

b) If the material is not supplied within stipulated time BHEL shall be within their right to cancel the purchase, the material through any other source at the risk and cost of the supplier, In such an ever obligatory on the defaulting supplier to make good any loss suffered by BHEL.

21. ADJUSTMENT OF RECOVERY OF AMOUNT PAYABLE BY THE SUPPLIER :

Any amount payable by the consignee/supplier under any of the condition of this contract shall be adjusted against any amount payable to the consignee/supplier under any other/works/contract him. This is without prejudice to any other action as may be deemed fit by BHEL.

22. JURISDICTION :

All suits or any matters arising out of this purchase order shall be lie in BHOPAL COURTS ONLY.

23. ARBITRATION :

In all cases of disputes emanating from and in reference to this Purchase Order the matter shall b the arbitration of the sole arbitration of the Executive Director/ GM of BHEL, Bhopal or any of (including an employee of BHEL, even though he had to deal with the matter relating to this P.O. in a nominated by the said Executive Director/ GM to act as sole arbitrator. The arbitration shall be ARBITRATION AND CONCILIATION ACT OF 1996 and the rules there under. The arbitrator may t times with the consent of the parties enlarge the time for making and publishing the award.

24. HAZARDOUS/TOXIC CHEMICALS :

Supplier to supply the "Material Safety Data Sheet (MSDS)" in the standard prescribed proforma environment act Schedule-9 Rule 17, Manufacture, Storage And Import of chemicals Rule-198

25. SAFETY CLAUSE FOR PURCHASE ORDERS :

The vendors shall maintain and ensure sufficient safety measures as required for inspections and test, Pneumatic test, Hydraulic test, Spring test, Bend test, Material handling and safe working etc. to enable inspection Agency for performing inspection.

The vendor shall ensure that all the safety precautions specified in factories Act 1948 Chapter-IV to 41 are complied with respect to equipments to be inspected.

If any test enrolment is found not complying with proper safety requirements, then the inspection

In all cases Supplier must furnish despatch particulars for each consignment in the format enclosed with the purchase order in duplicate by registered post to Sr. Mgr. (M.M.) concerned, Administrative Building, BH&L, Bhopal-462 022 and one form to Branch Manager, M/s National Insurance Co. Ltd., First Floor, 8, Indrapuri, Bhopal-462 021 immediately after despatch of material. The documents should reach within 10 days from the date of despatch. Failure to do so will make the supplier responsible for making good any loss. Please note that insurance by BH&L does not absolve the suppliers from the responsibility of defective bad packing, short/wrong

with hold inspection, till such time the desired safety requirements are met.

GENERAL TERMS AND CONDITIONS OF ENQUIRY

Sl.No.	Description
1	General:
A	These General terms & conditions (GTC) shall apply to all enquiries, notice inviting tenders, request for quotations concerning the supply of goods and / or rendering of services to Bharat Heavy Electricals Ltd., Bhopal (hereinafter referred to as BHEL or the Purchaser) or its Projects / Customers. Special / supplementary enquiry conditions, if any, will override the conditions in this annexure.
2	General Instructions - Common for Indigenous & Foreign enquiries
A	Through E- procurement
A1	1. Offer shall be submitted by the bidders in single/two parts as called in Tender enquiry. Bid Part - I Technical cum Commercial bid Bid Part - II Price bid 2. Suppliers shall quote price on BHEL authorised third party service provider e-procurement site. Any deviation from the price format shall be clearly brought out in the offer Bid part I. The offer shall be uploaded on BHEL e-procurement site using Class III digital signature. Bidders to put sign and seal on all the uploaded documents. The quotation should be uploaded on the site before due date and time. Part-I of the bid shall contain complete item-wise scope of supply as offered vis-à-vis the scope of supply as per enquiry, all commercial terms and conditions etc. It is expected that bidders shall meet all our technical and commercial requirements and shall not deviate from them.
B	Through tender room
B1	Sealed bids are invited for scope of Supply / Services as detailed in the enquiry. The quotation should be neatly typed and free from over writing/ erasures. Any correction or addition must be authenticated. The bid should be submitted in English or Hindi language. Relevant enclosures, supporting documents, catalogue, samples, if any, as required as per Notice Inviting Tender (NIT) conditions shall be sent along with technical offer. Rate should be quoted in the units asked for in the enquiry. The rates should be quoted both in figures and words. In case of discrepancy in figures and words, the rates quoted in words shall be considered.
B2	Bids shall be submitted in a Sealed cover with Enquiry No., Due date and Bidder's name indicated on the cover. In case of Two part Bid, technical bid containing technical offer, this GTC duly filled-in & signed; and un-priced copy of the Price Bid should be kept in one envelope. Price Bid containing only the price (as called for in the price format where required) should be kept in a separate envelope. Both envelopes indicating Part —I or Part-II as the case may be to be put in a bigger envelope, which should be addressed to In charge, Tender Room, Bharat Heavy Electricals Ltd. 2nd Floor, Jawahar Bhavan, Piplani, Bhopal 462022. Enquiry No., due date and bidder's name must be mentioned on all envelopes. Offer must reach tender room of BHEL Bhopal latest by 11.00 am IST on the enquiry due date. Bids submitted as single part bid against two – part bid, shall be rejected unless the offer is techno-commercially acceptable without seeking any clarification.
B3	Offer received after 11.00 AM IST of the due date will be termed as "Late" and shall not be considered. However, late offer received against single tender enquiry may be considered.
B4	Bidder can also submit offer through email, if called for in the enquiry, at the email address indicated in the enquiry. Such email offers shall be sent only on designated email-id to reach before 11.00 am IST on the tender due date. BHEL will not be responsible for incomplete offers and the ones delivered late through e-mail.
C	Commercial Conditions quoted by the vendor in any place including as stated in bidder's 'General Terms and Conditions' if any, shall not be binding on the Purchaser and the conditions contained in this annexure, including special conditions, if any, for this enquiry shall only prevail.
D	BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer 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. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit 'Process compliance form' (to the designated service provider) as well as 'Online sealed bid' in the Reverse Auction. Non-submission of 'Process compliance form' or 'Online sealed bid' by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (available on www.bhel.com). The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer. The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price /envelope-sealed price)



BP 200102

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates. If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (available on www.bhel.com). In case RA fails, sealed/E-proc price bids shall be opened in line with RA Guidelines. In case BHEL decides to open the sealed paper price bids, bids of all the techno-commercially acceptable bidders will be opened on the assigned date.
E	The goods offered shall conform to BHEL specifications and / or National/International standards as mentioned in the Enquiry and the bidder is required to confirm his unconditional acceptance to the same. Vendors, seeking deviations from the specifications and any other conditions, may indicate the same clearly on a separate sheet, with reasons for such deviations. BHEL reserves the right to reject the offer with deviations or load the deviations suitably for evaluation.
F	Offers shall be submitted directly by vendor or his authorized agent only. Unsolicited offers shall be summarily rejected.
G	Bid in single part or techno-commercial bid in two-part system (as the case may be) will be opened on the due date. In case of two part bid, price bids of techno-commercially acceptable bidder(s) only shall be opened on the assigned date, for which separate intimation will be sent to the acceptable bidders.
H	The bidder whose bid is technically not accepted will be informed & EMD wherever submitted shall be returned along with his price bid within <i>30 days</i> of contract finalization date. No interest will be payable on EMD amount. EMD shall however be forfeited in the event of bidder opting out after submission of the bid.
I	- Any discount / revised offer submitted by a bidder on its own shall be considered, provided it is received on or before the due date and time of offer submission (Part-I). Conditional discounts shall not be considered for evaluation of tenders. - Unsolicited discounts / revised offers given after Part-I bid opening shall not be accepted. No change in price will be permitted within the validity period of offer. - In case of changes in scope and / or technical specification and / or commercial terms & conditions, having price implication, techno-commercially acceptable bidders shall be asked by BHEL to submit the impact of such changes on their price bids. In case a bidder opts to submit revised price bid instead of impact called for, then latest price bid shall prevail. However in both situations, original price bid will be necessarily opened.
J	The bidders will submit Integrity Pact, duly signed by its authorized signatory, where called for in the enquiry.
K	Wherever the enquiry is issued to unregistered vendor, the bidder shall visit ' www.bhel.com ' for submitting the online Supplier Registration Application. Price bids of such vendors, will be opened only on techno-commercial acceptance of bid & after supplier registration.
L	BHEL expects that the bidder must respond to the enquiry. Regret letter, with valid reasons for not participating in the tender will be submitted where the bidder is unable to submit offer. Repeated lack of response on the part of vendor may lead to his deletion from BHEL's approved vendor list.
M	Goods shall be properly packed to avoid transit damage. Suitable markings shall be provided to identify the goods with that of the PO No. and the consignee details.
N	Goods shall be consigned to AGM (CRX), BHEL, Piplani, Bhopal - 462022, India, unless otherwise specified in the PO.
O	In case of press tenders (i.e. those published in newspapers) all corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL website. (www.bhel.com & www.bhelbpl.co.in) only. Bidders responding to press tender should regularly visit website(s) to keep themselves updated.
P	In the course of evaluation, if more than one bidder happens to occupy L-1 status and the order is to be placed on a single vendor, effective L-1 will be decided in the order of availability of goods from Indigenous sources, suitability of delivery period to BHEL's requirements, vendor performance rating and quantum of past business volumes with the vendor in last 3 years, preceding the current financial year, for the same item. BHEL's decision in such situations shall be final and binding.
Q	The Purchaser can consider awarding tendered quantities among more than one bidder (after acceptance of LI price by the other bidders) in the manner and proportion disclosed in the tender conditions. Purchaser can also consider awarding of part of the tendered quantity to other than L-1 bidder at LI counter offered rates, if the quantity offered by the L-1 bidder is less than the quantity tendered for.
R	The bidder shall submit price bid strictly in the price format, wherever provided for, in the enquiry. Any attempt on the part of the bidder to alter the contents of the price bid format in any manner, which in the opinion of BHEL can vitiate the tendering process, will lead to rejection of the bid, <u>besides BHEL taking appropriate punitive action as deemed fit.</u>
3	Delivery Terms
A	Indigenous Purchase



BP 200102

GENERAL TERMS AND CONDITIONS OF ENQUIRY

A1	Goods shall be delivered on 'FOR Destination' basis to the named destination unless otherwise called for in the enquiry.	
B	Foreign Purchase — Imports	
B1	1. Goods shall be despatched by Sea, unless stated otherwise in the enquiry or purchase order. 2. Terms of Delivery for Sea shipment shall be on CFR / CIF basis with 14 days' detention free period preferably at Dry Port - ICD Mandideep (INMDD6) for FCL (Full Container Load) Cargo of GP & HC Containers. 3. For other cases - Other than GP & HC Containers, LCL Cargo shall be delivered at Nhava Sheva (JNPT) & Break-bulk Cargo at Mumbai (MPT). 4. For Air consignments, the terms of delivery shall be FCA at BHEL nominated Airport. 5. Freight amount shall be indicated separately in the offer in case of CIP/CFR/CIF. 6. The number of detention free days and destination charges payable to shipping line must be mentioned in your offer and also on the Bill of Lading. 7. Offer received on FOB basis may be considered on an exceptional basis. BHEL will load freight, marine insurance & shipping line port handling charges etc to work out landed cost at Sea Port. 8. Please visit BHEL Bhopal website www.bhelbpl.co.in for details of named Air ports and Sea ports. Name of the gateway port so chosen by the Seller shall be indicated by the Bidder in his offer.	
B2	1. For delivery of FCL (Full Container Load) cargo, the Bidder shall provide minimum 14 days' detention free period from the date of delivery at Port of Discharge / Place of Delivery (in case of ICD). Wherever the detention free period offered is less than 14 days, the bids shall be loaded for the period short of 14 days' period. 2. <u>Port Congestion charges or any additional charges claimed by the shipping line at Port of Discharge / Place of Delivery shall be to the Seller's account.</u>	
4	Vendor's particulars & logistics information (Bidder to give details against each of the provisions)	
A	Name of the vendor's executive to deal with this tender / project	
B	E-mail address of the contact person	
C	Telephone no. of the contact person	
D	Name of location from where the goods shall be offered for inspection and dispatch	
5	Additional logistics information for Imports	
A	Bid currency	
B	Charges applicable at discharge port up to BHEL's CFS (Container Freight Station) to be indicated in your offer and on the B/L	
C	Name of Airport in the country of dispatch for FCA delivery terms	
D	Estimated number, type & size of containers for delivery of tendered quantity (applicable where the goods are to be sent in FCL)	
E	No. of packages with cumulative gross weight and CBM volume (applicable for LCL & Break-bulk shipment)	
F	Approx. distance in km. from Vendor's works to Port of Loading	Sea port /Air port
6	Delivery Schedule & Completion date	
A	• Instead of writing specific date against delivery offered, bidder shall commit delivery period in number of days / weeks/ months to suit the delivery period indicated in the enquiry. • Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone. • Seller shall deliver the goods in the manner and schedule agreed under the Purchase order. • Goods shall be delivered within contractual period or any extension thereof, if any, granted by the Purchaser. • If delivery is linked to approval of documents, time for submission of such documents to be indicated and delivery period to be indicated from approval of documents. This delivery schedule will be considered for processing delivery extension, wherever applicable. • BHEL reserves the right to cancel the order if material is not delivered within PO scheduled delivery.	
B	In case of foreign supplies, the date of Bill of Lading (B/L) or AWB shall be taken as actual date of delivery.	
C	In case of Indigenous bidders, the date of delivery at named destination in India shall be taken as contractual delivery completion date where delivery terms are FOR destination. In case of 'Ex-works' delivery terms, the date of LR / RR shall be the contractual delivery completion date.	
7	Transit Insurance	



BP 200102

GENERAL TERMS AND CONDITIONS OF ENQUIRY

A	Except where delivery terms are agreed on CIF basis for Imports & FOR destination basis for indigenous purchases, transit insurance will be covered by BHEL under its Open Marine Transit Insurance Policy. Seller shall inform dispatch particulars with value of consignment to the Purchaser within 07 days of dispatch for BHEL to arrange insurance coverage in its policy. Failure on the part of seller to inform dispatch particulars will make him liable to pay for any transit damages / losses suffered by the Purchaser.
8	Force Majeure
A	Notwithstanding anything contained in the contract, neither the Seller nor the Purchaser shall be held responsible for total or partial non-execution of any of the contractual obligations, should the obligation become unreasonably onerous or impossible due to occurrence of a 'Force Majeure' which directly affects the obligations to be performed by the Purchaser or the Seller; Such events include war, military operations of any nature, blockages, revolutions, insurrections, riots, civil commotions, insurgency, sabotage, acts of public enemy, fires, explosion, epidemics, quarantine restrictions, floods, earthquake, or acts of God, restrictions by Govt. authorities; over which the Seller or the Purchaser has no control. The party claiming to be affected by force majeure shall notify the other party in writing without delay, within two weeks on the intervention and on the cessation of such circumstance. Extension of time sought by the Seller along with supporting evidence and so granted by the Purchaser for the supply/ work affected, if any, shall not be construed as waiver in respect of remaining deliveries. Rescheduling of deliveries on account of force majeure conditions, if so agreed by the Purchaser, will not entail the Seller to claim any increase in the price on whatsoever account. Notwithstanding above provisions, Purchaser shall reserve the right to cancel the order/ Contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements. If deemed necessary, Purchaser may takeover partly processed material at a mutually agreed price.
9	Penalty for delayed performance.
A	I. Subject to force majeure conditions, penalty shall be 0.5% of the total order value per week of delay or part thereof, subject a maximum of 10% of the total order value. Total order value above shall be item wise, lot wise order value. Any deviation based on specific requirement shall be specified separately in the NIT. II. However, in case of Capital Machine / BOP where staggered deliveries may be applicable, the penalty will be levied on total order value. III. In case of any amendment / revision, the penalty shall be linked to the amended / revised PO. IV. Any loading on penalty clause shall be to the extent to which it is not agreed to by the bidder (at offered value)
B	If the material is not supplied within the agreed delivery period, BHEL reserves the right to cancel the order and purchase the material from alternate source(s) at the Risk and Cost of the Seller. In such an event, it shall be obligatory on the part of seller to make good any loss suffered by the purchaser.
C	In case the contractually agreed delivery date falls on a holiday in BHEL Bhopal, the next working day shall be taken as contractual delivery date for compliance and applicability of LD / penalty.
10	Indian Agents and Agency commission
A	BHEL prefers to deal directly with Foreign vendor, wherever required, for procurement of Goods. However if the Foreign Principal desires to avail services of an Indian Agent, then the Principal should ensure compliance to "regulatory guidelines" which will require submission of an agency agreement.
B	The CFR / CIF price quoted will be deemed to be inclusive of Indian Agency commission. Agency commission as disclosed by the bidder in his quoted CFR / CIF price will be paid in Indian Rupees on receipt & acceptance of Materials or it's installation at destination, as the case may be. The lower of the 'TT buying rate prevailing on the date of technical bid opening or price bid opening shall be considered for computation of Agency commission.
C	In a tender either the Indian Agent on behalf of Principal / OEM or the Principal / OEM itself can bid, but both cannot bid simultaneously for same item / product in the same Tender. In case bids are received from both the Principal / OEM and the agent, bid received from the agent will be ignored.
D	If an agent submits Bid on behalf of the Principal / OEM, the same agent shall not submit bid on behalf of another Principal / OEM in the Tender, for the same Item / Product.
11	Documentation:
A	Indigenous Purchase
	Seller shall arrange to send to the consignee, Original Tax invoice (Buyer's copy and duplicate for Transporter), Commercial invoice in duplicate, consignee copy of LR & 2 sets each of Packing list, Test certificate, Guarantee / Warranty certificate, O & M manuals (where applicable), immediately on despatch of the goods. The distribution of such documents will be specified in the Purchase order. In case of labour / mixed basis jobs, material is issued free of cost. Necessary material reconciliation is to be done and Free Issue Material Statement (FIMS) is to be submitted with each bill.
B	Foreign Purchase — Imports
	Seller shall send 1 set of following documents, in English, within 7 days of B/L date / 1 day of AWB date by courier to the



BP 200102

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	Purchaser - Express / Original 'Clean on board' Bill of Lading / AWB. - One set of Commercial Invoice, Packing list indicating container-wise Gross weight, Net weight, CBM volume, No. of packages with Dimensions of each package. - Original Certificate of Country of Origin issued by Chamber of Commerce. - One set of Original Test Certificates and O&M Manual where called for. - Fumigation / Phyto Sanitary Certificate wherever cargo is packed in wooden packing or packing of plant origin material is used. - Supplier should additionally forward 2 sets of original documents mentioned at point 1 to 5 along with original bill to Lading through any international courier service/registered airmail or AWB by captain's mail within three days of obtaining the same directly to the following: (i) AGM (M.S) Regional Operations Division BHEL 14th Floor Centre-1 World Trade Centre, Cuffe Parade Colaba, Mumbai 400 005 INDIA Email - msseabpl@bhel.in (In case of sea freight) msair@bhel.in (In case of air freight) (ii) DGM (FIN- FP) 4th Floor, Administrative Bldg. BHEL Bhopal - 462022 (India) E-mail : fin_fp@bhelbpl.co.in And confirm forwarding details to AGM (MM- FE), BHEL Bhopal at mmfe@bhelbpl.co.in - In case the Seller decides to negotiate all 3 originals of B/L / AWB along with all original documents through negotiating Bank, non-negotiable documents (NNDs) consisting of copy of B/L / AWB & documents mentioned at Sl. no. 11- B2 to B5 will be sent by e-mail to the Purchaser at his e-mail address given in the PO with one copy to be mailed at mmfe@bhelbpl.co.in & msseabpl@bhel.in (for sea shipment) or msair@bhel.in (for air shipment). Other documents, as required, will be separately indicated in the Purchase Order. Additional expenditure, if any, incurred by the Purchaser by way of detention / demurrage, resulting out of delay attributable to the Seller in providing Negotiable documents, will be recovered from the Seller. In case any discrepancy is raised by bankers / BHEL with respect to documents submitted, vendor to facilitate clearance of goods through Delivery Order.
C	General
	- For Hazardous chemicals, the materials safety data sheet (MSDS) is to be submitted. - All certificates as called must be sent. BHEL may test any goods supplied and their decision is final irrespective of supplier's certificates. If test certificate and guarantee certificate are not received along with the document and stipulated in these specifications, BHEL reserves the right to get the material tested and recover the expenses from the supplier without awaiting supplier's confirmation
12	Pricing Terms
A	Prices once quoted shall remain firm within the validity or any extension thereof for placement of order, till complete execution of the order, without any escalation/increase for any reason, whatsoever, unless specifically provided for in the Enquiry & PO. In case of foreign vendors, the quoted price shall be taken as inclusive of Third Party Inspection and testing charges as called for in the NIT.
13	Price Validity :
A	Unless stated otherwise in the enquiry, offer shall be valid for a period of 90 days from the date of Techno- commercial (Part-I) bid opening date.
14	Taxes & Duties - Indigenous Purchase
	Vendor to ensure timely remittance of SGST, CGST , IGST as applicable in time as per law.
	Vendor to ensure compliance to filing of monthly GST sales return including BHELs supplies by 10 th of next calendar month in the online GST portal wherever applicable.
	Vendors to declare filing of timely returns and GST remittance/likely remittance /ITC adjustment alongwith invoice.
	Vendor to submit invoices compliant with GST invoice Rules
	Vendors to comply with all statutory provisions as may be applicable at the time of despatch/sale. Any additional financial liability to BHEL on account of non-compliance by vendors shall be borne by them and shall be adjusted / recovered from the vendors. BHEL reserves the right to review the existing offers / contracts for any revision in terms, which may arise due to change in any statutory provisions to ensure that the benefit accrues to BHEL.
	Vendor to ensure TAX INVOICE submission along with consignment
	In respect of cases where the liability to discharge GST is on BHEL under reverse charge mechanism, vendors have to ensure timely submission of invoices and delivery of material / services to BHEL, so that there is no mismatch on both activities. In case there is any additional financial liability on BHEL on account of default on the part of the vendor on submission or delivery of material / services the same shall be passed on to them.



BP 200102

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	In respect of free issue material by BHEL, vendors have to return the processed material within the time line as per the provisions of GST. In case of any additional tax liability on BHEL on account of non-compliance by the vendor, the additional financial implications on BHEL shall be passed on to the vendor
	Vendors to provide the applicable HSN / SAC codes as called for in the enquiry
	As per provisions of section 171 of the CGST Act 2017, bidders to pass on the anti-profiteering benefits accruing to them under GST regime to BHEL
15.	Taxes & Duties - Foreign Purchase — Imports
	The offered prices shall be inclusive of all the Taxes and duties as applicable in the country of bidder / country of dispatch for the quoted CFR / CIF price.
16	Payment Terms-
A	Indigenous: 100% payment in 90 days of receipt (45 days for MSE including NSIC/ Udyog Aadhar registered suppliers as per relevant act in force), subject to acceptance of material at BHEL, on direct presentation of the documents. In case of despatch of material to site directly, site certification for receipt of materials is required unless otherwise provided for in the PO. Any deviation from the above payment terms, if accepted (by BHEL), shall be loaded @ SBI base rate + 6% for the purpose of bid evaluation.
B	Foreign: 100% against irrevocable, unconfirmed LC, payable within 90 days of the Bill of Lading (B/L) date or Payment terms of CAD payable on 90 th day of B/L / AWB. In case BHEL considers any deviation in payment terms i.e. early payment based on vendor's request, then bids shall be evaluated with loading of State bank of India Base rate plus 6%, for the credit period short of 90 days. The LC shall be established 2 months prior to shipment date, valid for period of 90 days, unless agreed otherwise.
C	Foreign vendors to submit declaration of Permanent Establishment and Business Connection (PEBC) for remittances purpose. Declaration to be submitted in formats either in Annexure A or B whichever is applicable as per their transaction entered into with BHEL. In the absence of certificates from the vendor, withholding tax at applicable rates along with surcharge and cess will be recovered at the time of remittance to the vendor.
D	Foreign vendors to submit Tax Residency Certificate (TRC) & Form 10F (for obtaining DTAA benefits) as per Annexure C in respect of services. The TRC (tax residency certificate) is to be issued by the authorities of the government of vendor's country. If the informative part of the format (other than residency) is not furnished by the authorities the same may be furnished by the vendor as a declaration.
17	Inspection of Goods
A	The Seller shall give adequate notice, of 1 week or as mutually agreed period, in writing to the Purchaser (in case Customer inspection is involved) or BHEL appointed TPIA about the date and place at which the goods will be ready for inspection/ testing, as provided for in the contract.
B	Purchaser or his authorized representative shall be entitled to carry out inspection of material and workmanship/Surveillance Audit at Seller's premises or at his sub-contractor's premises at all reasonable times during execution of contract; Such inspection, examination and testing, if made, shall not absolve the Seller from his obligations under the contract. Wherever required, BHEL may carry out testing at BHEL's testing Lab and in case of any rejection during such testing, replacement / rectification, as required, will have to be done by Supplier. If BHEL carries out any rectification of such rejected material, such cost will be recovered from Supplier's Bills. In case of Customer inspection as Supplier's Works, inspection clearance to be obtained from Customer and submitted to BHEL.
C	BHEL's representative from unit or Corporate Quality (CQ) is authorised to carry out audits along with TPIA at vendor's works before clearing the items for despatch.
D	All costs related to inspections and re-inspections shall be borne by the Seller. In case of inspection by BHEL and / or BHEL's customer, the cost of to & fro passage and Boarding & Lodging shall be borne by the Purchaser / Customer, unless otherwise specifically agreed. In case of foreign vendors, the cost of third party inspection, where called for, shall be deemed to be included in the quoted price. Seller shall be responsible to provide assistance such as labour, materials, electricity, fuels, stores, apparatus, instruments at his cost, as may be required and as may be reasonably demanded to carry out such tests effectively.
E	REJECTION: If any goods are rejected, BHEL shall be at liberty to take action as per following at the risk and cost of supplier: a) Allow the supplier, wherever mutually agreed, to rectify the rejected goods at BHEL's works within reasonable time as fixed by BHEL. Or b) Allow the supplier to make free replacement within a specified period. Rejected goods can be lifted by the

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	supplier thereafter. Or c) In case payment has been done, allow supplier to refund equivalent value of rejected material by NEFT / RTGS or furnish Bank Guarantee for same amount before lifting the rejected goods. Fresh replacement shall be regulated as per terms and condition of the original Purchase Order. In case payment has not been done, allow the supplier, wherever mutually agreed, to rectify the rejected goods at supplier's works within reasonable time as fixed by BHEL. Or d) Take alternate procurement action from elsewhere and recover the difference in total cost to BHEL including services, if any, incurred by BHEL in this regard from the supplier. The supplier shall not be entitled to any gain on repurchase. Or e) Terminate the contract either in part or in whole at the discretion of BHEL and recover the loss, if any, from the supplier. Or f) Any goods rejected by BHEL must be removed by the supplier after making payment through NEFT / RTGS within 45 days from the date of intimation of rejection or 30 days after receipt of the intimation of rejection whichever is earlier. If vendor fails to lift or allow despatch of rejected material at his cost within 90 days from the intimation of rejection, his claim on rejected material shall cease.
18	Guarantee / Warranty and corresponding Repairs / Replacement of Goods
A	Manufacturer's works test/infection certificates shall be furnished along with the guarantee that material conforms strictly to the specification for general & special conditions as laid down in the purchase order. Goods shall comply with the specifications for material, workmanship and performance. The warranty shall be for a period of 12 months from the date of receipt. If the delivery is found non-compliant during the warranty period, leading to rejection, the Seller shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. The rejected goods shall be taken away by the Seller at his cost and replaced on Delivered Duty Paid (DDP) (FOR - BHEL Stores/ designated destination basis) within such period. In the event of the Seller's failure to comply, Purchaser may take action as appropriate, including Repair / Replenish rejected goods & disposal of rejections, at the risk & cost of the Seller. In case the defects attributable to Seller are detected during processing of the goods at purchaser's / his subcontractor's works, the Seller shall be responsible for free replacement/ repair of the goods as required by the purchaser.
19	Evaluation and Loading Criteria:
	Evaluation of the tender shall be on the basis of delivered cost, i.e. 'total cost to BHEL' w.r.t the technical scope and commercial conditions finalized after techno-commercial clarifications (after considering, inter alia, Customs Duty and GST / Other taxes as applicable). Exchange rate (TT selling rate of State Bank of India) applicable on the date of Part-I bid opening shall be considered for evaluation of foreign bids. If the relevant day happens to be a bank holiday in India, then the FOREX rate as on the previous bank working day shall be taken for evaluation. Foreign suppliers shall ensure that the benefits as applicable under Comprehensive Economic Partnership Agreement (CEPA) with Government of India are disclosed in the bid & relevant documents such as Certificate of Country of Origin, issued by the appropriate authority in the country of Export, is provided by the vendor along with dispatch documents. Bids shall be evaluated with such applicable benefits. In the event of Seller failing to provide appropriate documents for Purchaser to avail disclosed concessional duty benefits in India, financial loss, so incurred, will be to the Seller's account.
20	Variation of orders
	No variation to the Purchase order is permitted unless authorised in writing and signed by or on behalf of purchase executive, BHEL Bhopal.
21	Sub-contract
	BHEL's order or part thereof, if further to be subcontracted in exceptional circumstances the details of subcontracting and to whom to be subcontracted shall be furnished to BHEL and written permission shall be obtained from BHEL. However, it shall not absolve the supplier of the responsibility of fulfilling BHEL order requirements.
22	Recovery / deductions of amount from supplier
	a Any amount on account of recovery from consignor / supplier under any condition shall be liable to be adjusted against any amount payable to the consignor/supplier against bills. b For any deficiency in supplies where deduction is involved, an amount as decided by BHEL, shall be deducted from supplier's bills.
23	Safety clause for purchase orders
	The vendors shall maintain and ensure sufficient safety measures as required for inspections and test like HV test. Pneumatic test, Hydraulic test Spring test, Bend test, Material handling and safe working environment etc. to enable

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	Inspection Agency for performing inspection. The vendor shall ensure that all the safety precautions specified in factories Act 1948 chapter-IV Section-21 to 41 are complied with respect to equipment's to be inspected. If any test equipment is found not complying with proper safety requirement, then the inspection agency may withhold inspection, till such time the desired safety requirements are met.
24	Non-Disclosure Agreement
	All Drawing and technical documents relating to the product or it's manufacture submitted by one party to the other, prior or subsequent to the formation of contract, shall remain property of the submitting party. Drawing, technical documents or other technical information received by one party, shall not without the consent of the other party, be used for any other purpose than that, for which they were provided. Such technical information shall not without the consent of the submitting party, otherwise be used or copied, reproduced, transmitted or communicated to a third party. Patterns supplied by BHEL will remain BHEL's property which shall be returned by the bidder on demand to BHEL. Bidder shall in no way share or use such intellectual property of BHEL to promote his own business with others. <u>BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.</u>
	DRAWINGS, PATTERNS & TOOLS: All drawings, patterns & tools supplied by BHEL or made at BHEL's expense are BHEL's property. These cannot be used or referred to any other party and must only be used in the execution of BHEL's orders. These should be preserved at the supplier's cost for a period of not less than 5 years. Patterns & tools should be returned to BHEL within 90 days of issue of the same.
25	Settlement of Disputes & Arbitration
A	All questions/interpretations regarding subject matter of the Contract shall be decided by the Purchaser on the request of the Seller and the decision of the Purchaser shall be final.
B	In case of dispute, steps shall be taken by the parties to the contract to settle the same through negotiations.
C	In case, dispute is not settled in negotiations, it shall be referred to Conciliator appointed by the competent authority of the Purchaser.
D	Except as provided elsewhere in this Contract, in case amicable settlement is not reached between the Parties, in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract, then, either Party may, by a notice in writing to the other party refer such dispute or difference to the sole arbitration of an arbitrator appointed by Head of the BHEL Unit/Region/Division issuing the Contract. The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the Parties. Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or Statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Bhopal. The cost of arbitration shall be borne as per award of the Arbitrator. Subject to the arbitration in terms of Clause above, the Courts at Bhopal shall have exclusive jurisdiction over any matter arising out of or in connection with this Contract. Notwithstanding the existence or any dispute or differences and /or reference for the arbitration, the Contractor shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner except where the Contract has been terminated by either Party in terms of this Contract. In case of Contract with Public Sector Enterprise (PSE) or Government Department, the following shall be applicable : In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred by either Party for arbitration to the sole arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the arbitrator shall be binding upon the Parties to the dispute, provided, however, any Party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by Law Secretary, whose decision shall bind the Parties hereto finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.
E	The Seller shall continue to perform the contract, pending settlement of dispute(s).
26	Applicable Laws and Jurisdiction of Courts
	Indian laws both substantive and procedural, for the time being in force, including modifications thereto, shall govern the Contract including Arbitration proceedings. The competent Courts at Bhopal in the State of Madhya Pradesh, India



BP 200102

GENERAL TERMS AND CONDITIONS OF ENQUIRY

	shall have sole jurisdiction.
27	RIGHT OF REJECTION /NON- PLACEMENT OF PO: BHEL reserves the right to accept the offers in part or in full, or cancel the Tender enquiry without assigning any reason.
28	Performance Bank Guarantee (PBG)/ Security Deposit (SD):
A	Wherever PBG (covering equipment / system / work performance guarantee) is called for in the Notice Inviting Tender (NIT) deviation shall not be accepted.
B	Bank Guarantee wherever called for, shall be in the BHEL prescribed format. In case the order is to be placed in foreign currency, the BG must also be in Foreign currency, so specified by the Purchaser.
C	Wherever Security Deposit (covering contract performance) is called for in the NIT, deviation shall not be accepted.
D	Composite 'Contract Performance Bank Guarantee' of matching value/ validity, where both Security Deposit and Performance Bank Guarantee are required, shall not be construed as deviation.
E	Wherever the contract is for supply of Goods processed on labour basis from BHEL supplied materials, the materials shall be issued against a suitable Bank guarantee as specified in the Enquiry.
29	Benefits earmarked for Purchase from Micro & Small Enterprises (MSEs) — Indigenous Purchase
A	Tender documents shall be issued free of cost & no EMD wherever called for will be insisted upon. MSE bidders shall submit along with bid relevant documents w.r.t. their respective MSE status as per extant norms. Date to be reckoned for determining the deemed validity will be the last date of Technical bid submission. Non- submission of such document will lead to consideration of their bid, at par with other bidders and MSE status of such bidders shall be shifted to Non- MSE supplier till the supplier submit these documents.
B	In tender, participating MSEs quoting price within price band of L1+15% shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE and such MSE shall be allowed to supply up to 20% of total tendered value. In case of more than one such MSE, the supply shall be shared proportionately. A quantum of 4% out of 20% quantity, so earmarked, will be reserved for MSE's owned by SC / ST entrepreneurs who submit their bid with relevant documents provided that in event of failure of such MSE(s) to participate in tender process or meet tender requirements and L1 price, 4% sub-target for procurement earmarked for MSE(s) owned by SC or ST entrepreneurs shall be met from other MSE(s). In case of indivisible tender the full quantity shall be awarded to L1.
C	If an enterprise falling under MSE category as defined in the MSMED Act 2006, graduates to a higher category from it's original category or beyond the purview of the Act, it shall continue to avail all non-tax benefits of it's original category notified by the Ministry of Micro, Small and Medium Enterprise for a period of three years from the date of such graduation to the higher category.
D	MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (As per BHEL Format, where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefits shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer
30	Integrity Pact (IP) — Independent external monitors (IEM) For tenders in which integrity pact is applicable, following points stand valid :
A	IP is a tool to ensure that activities and transactions between the company and its bidders/contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL. The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs in the offer) along with techno commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this pact would be a preliminary qualification. Name : ----- Address : ----- E-mail : ----- } As indicated in NIT / enquiry



BP 200102

GENERAL TERMS AND CONDITIONS OF ENQUIRY

B	Please refer section 8 of the IP for roles and responsibilities of IEMs. In case of any complaint arising out of tendering process, the matter may be referred to the IEM mentioned in the tender. NOTE : No routine correspondence shall be addressed to the IEM (phone / post/e-mail) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarifications/ issues shall be addressed directly to the tender issuing (procurement) department. For all clarifications/ issues related to the tender, Please contact: <table><tr><td></td><td>(1)</td><td>(2)</td></tr><tr><td>Name</td><td></td><td></td></tr><tr><td>Landline No.</td><td></td><td></td></tr><tr><td>Mobile No.</td><td></td><td></td></tr><tr><td>Email</td><td></td><td></td></tr><tr><td>Deptt</td><td></td><td></td></tr><tr><td>Address</td><td></td><td></td></tr><tr><td>Fax</td><td></td><td></td></tr></table>		(1)	(2)	Name			Landline No.			Mobile No.			Email			Deptt			Address			Fax		
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31	Fraud Prevention Policy : The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website www.bhel.com and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.																								
32	Integrity Commitment: The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com. Integrity commitment, performance of the contract and punitive action thereof :																								
A	Commitment by BHEL : BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all bidder(s) in a transparent and fair manner, and with equity.																								
B	Commitment by bidder / Supplier / Contractor : - The bidder / supplier / contractor commit to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal code, 1860 or any other law in force in India. - The bidder / supplier / contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by govt. of India / BHEL - The bidder / supplier / contractor will perform / execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business / money / reputation to BHEL.																								
C	If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post-execution stage indulges in mal-practices, cheating, bribery, fraud or / and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then action may be taken against such bidder / supplier / contractor as per the extant guidelines of the company available on www.bhel.com and / or under applicable legal provisions.																								