

C/6190/2019/1125/F

Annexure A

**कार्यालय -स्वास्थ्य सुरक्षा एवं पर्यावरण विभाग ,
बी.एच.ई.एल , हीप हरिद्वार**

S.N-HSE/HEEP/PQR/2019-20

Dated – 18/06/2019

PRE-QUALIFICATION REQUIREMENT (PQR) FOR VENDORS FOR PURCHASE OF
ITEMS IN MPR NO -20190235

The Vendors meeting following criterion would be considered :-

1. Vendor should be Manufacturer Or their authorized dealer, Distributer ,
supplier of Items in Ear Plug, Ear Muff or or safety products.
2. Authorized dealer, Distributer, Supplier should submit the
authorization letter from their concerned Manufacturer

Head/AGM (HSE)

[Signature]
21.6.19

[Signature]
21.6.19
Kamal Kulshrestha
Safety Officer

SIGN. & DATE		PLANT PURCHASING SPECIFICATION HEEP - HARDWAR		FORM DG 49															
				BHEL/HEEP/HSE/B/01 ✓ Rev. No. 00 ✓ PAGE 1 OF 2															
SUPERSEDES INVENTORY NO.	EAR MUFF ✓																		
	1.0 Scope This standard covers the requirements of Ear Muff.																		
COPYRIGHT & CONFIDENTIAL The information on this document is the property of Bharat Heavy Electrical Ltd. It must not be used directly or indirectly in any way detrimental to the interest of the co.	1.0 Compliance with Standards It shall comply with IS 9167 - 1979 Reaffirmed 2002, IS 6229 - 1980 Reaffirmed 1995 and ANSI S3.19-1974.																		
	3.0 Technical Requirement 3.1. The ear muff should have Liquid and Foam-Filled cushions for better seal and lower pressure 3.2. The ear muff should have padded wide headband for extended wear 3.3. The ear muff should have stainless steel headband wires with four point suspension helps distribute cushion pressure evenly 3.4. The ear muff should have simple height adjustment 3.5. The ear muff should have ear cups pivot for alignment and consistent fit 3.6. The ear muff should have wide ear cushions for comfort 3.7. The ear muff should have replaceable earcushions 3.8. Ear muff should be designed for use in extremely noisy environments. 3.9. The ear muff should have a double casing that minimizes resonance in the holder casing which results in maximum high-frequency muffling, while at the same time it should be still easy to understand speech and signals. 3.10. The ear muff weight should not be more than 300g. 3.11. The ear muff should meets the performance requirements of the ANSI S3.19-1974 or equivalent 3.12. The ear muff should have an Attenuation of NRR = 30 dB																		
SIGN & DATE	4.0 Sample Sample should be got approved before bulk supply. Sample shall be supplied along with technical offer for approval.																		
	<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DESIGNATION</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>WORKED</td> <td>ABHAI SINGH</td> <td>SAFETY OFFICER / DY. MANAGER</td> <td><i>Abhai Singh</i></td> <td>27/1/12</td> </tr> <tr> <td>CHECKED</td> <td>JAGAT NARAIN</td> <td>SAFETY OFFICER / SR. MGR.</td> <td><i>Jagat Narain</i></td> <td>27-1-12</td> </tr> </tbody> </table>						NAME	DESIGNATION	SIGNATURE	DATE	WORKED	ABHAI SINGH	SAFETY OFFICER / DY. MANAGER	<i>Abhai Singh</i>	27/1/12	CHECKED	JAGAT NARAIN	SAFETY OFFICER / SR. MGR.	<i>Jagat Narain</i>
	NAME	DESIGNATION	SIGNATURE	DATE															
WORKED	ABHAI SINGH	SAFETY OFFICER / DY. MANAGER	<i>Abhai Singh</i>	27/1/12															
CHECKED	JAGAT NARAIN	SAFETY OFFICER / SR. MGR.	<i>Jagat Narain</i>	27-1-12															
INVENTORY NO.	REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT EAR PROTECTION		APPROVED BY  V.K. SAXENA DGM (HSE)																
	Revision No. 00	PAGE NO 22	ITEM CODE ISXW00202240 ✓		DATE OF ISSUE														

20.06.19
 (Kamal Kulkarni)
 Safety Officer

20.6.19
 (V.K. Saxena)
 Head (HSE)

SIGN. & DATE

SUPERSEDES
INVENTORY NO.COPYRIGHT & CONFIDENTIAL
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DATE

INVENTORY NO.



PLANT PURCHASING SPECIFICATION HEEP - HARDWAR

FORM DG 49

BHEL/HEEP/HSE/B/01

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5.0 Test Certificate

- 5.1 The supplier shall submit the test certificate along with the bulk supply as per IS for
1. Material Quality
 2. Noise attenuation

- 5.2 The test certificate shall also indicate the following.

1. P.O. Number
2. Batch No. & date

6.0 Packing

The earmuff shall be supplied, packed individually for protection from dust & damage.

7.0 Marking

The Ear Muff shall be marked with following information

- a) Supplier identity/manufacture name/brand name

8.0 Inspection

Inspection will be carried out at our works with reference to the accepted sample and test reports.

9.0 Guarantee Certificate

Guarantee certificate to be given for any manufacturing defects along with its consignment for free replacement with in Six months from the date of receipt at stores.

NAME	DESIGNATION	SIGNATURE	DATE
WORKED ABHAI SINGH	SAFETY OFFICER /DY. MANAGER	<i>Abhai Singh</i>	27/1/12
CHECKED JAGAT NARAIN	SAFETY OFFICER / SR. MGR.	<i>Jagat Narain</i>	27-1-12

REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT EAR PROTECTION		APPROVED BY <i>V.K. Saxena</i> 27.1.12 V K SAXENA DGM(HSE)	
Revision No.	PAGE NO	ITEM CODE	DATE OF ISSUE
00	23	ISXW00202240	

20.06.19
(Kamal Kulkarni)
Safety officer

20.6.19
(V.K. Saxena)
Head (HSE)



PLANT PURCHASING SPECIFICATION

HEEP - HARDWAR

BHEL/HEEP/HSE/B/02 ✓
Rev. No. 00 ✓
PAGE 1 OF 1

EAR PLUG ✓

- 1.0 Scope**
This Specification covers the requirements of Ear Plug.
- 2.0 Compliance with Standards**
It shall comply with IS 9167 - 1979 Reaffirmed 2002 and IS 6229 - 1980 Reaffirmed 1995.
- 3.0 Technical Requirement**
- The earplug shall be made out of Polyurethane foam / Silicon Rubber.
 - It shall be insertion type.
 - It shall be suitable to fit into the ear canal of the user to effectively attenuate noise.
 - It shall attenuate the noise level by 20 - 25 dB.
 - The earplugs shall be conical in shape.
 - It shall be easy to squeeze & should expand automatically to fit in to the ear.
 - Both the earplugs shall be fastened to a silk/cotton/polyester cord.
- 4.0 Sample**
Sample should be got approved before bulk supply.
- 5.0 Test Certificate**
- 5.1** The supplier shall submit the test certificate along with the bulk supply as per IS for
- Material Quality
 - Noise attenuation
- 5.2** The test certificate shall also indicate the following.
- P.O. Number
 - Batch No. Month & Year.
- 6.0 Packing**
The earplug shall be packed in individual Hygienic box/pack.
- 7.0 Inspection** will be carried out at our works with reference to the test reports.
- 8.0 Guarantee Certificate** to be given for any manufacturing defects along with its consignment for free replacement within Six months from the date of receipt at stores.

SIGN & DATE

	NAME	DESIGNATION	SIGNATURE	DATE
WORKED	KAMAL KULSHRESTHA	SAFETY OFFICER		14.08.18
CHECKED	SIDDHARATH KUMAR	SAFETY OFFICER		16.08.18

INVENTORY NO.

REF:
CORPORATE STANDARD FOR
PERSONAL PROTECTIVE EQUIPMENT
EAR PROTECTION

APPROVED BY

V K SAXENA AGM (HSE)/CSO

Revision No.

PAGE NO

ITEM CODE
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ISSUE

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20.06.19
(Kamal Kulshrestha)
Safety officer

20.6.19
(V.K. Saxena)
Head (HSE)