



कार्यालय स्वास्थ्य, सुरक्षा एवं पर्यावरण विभाग,

बी.एच.ई.एल.- हीप, रानीपुर, हरिद्वार- उत्तराखण्ड-249403

S.N.- HSE/HEEP/2017-18/PQR/EP

दिनांक- 24.11.2017

PRE-QUALIFICATION REQUIREMENT FOR VENDORS FOR PURCHASE OF EAR PLUG & EAR MUFF, INDENT NO. - 20172591

- 1 Vendor should be manufacturer of **EAR PLUG/EAR MUFF.**
- 2 Vendor should have successfully completed similar supply (means Supply of Ear plug/Ear Muff) in in last 2 years.
- 3 Vendor should provide P.O copy and performance certificate for satisfactory supply from his customer along with name, address & contact details. BHEL reserves the right to verify the information provided.
- 4 Vendor should submit latest Financial Annual Report (Balance sheet and Profit & Loss Account) of last 3 financial years.
- 5 Micro and Small Enterprises (MSEs) manufacturer should submit Notarized MSE certificate along with technical offer.
- 6 Micro and Small Enterprises (MSEs) manufacturer shall be exempted from the requirement of Point No. 2 to Point No. 4 noted above.

Deendayal
A.E. (HSE)

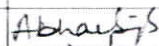
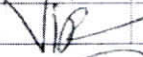
Sr. Manager (HSE)

Head/AGM (HSE)

C/6190/2017/2591F

FORM DG 49

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SIGN & DATE			PLANT PURCHASING SPECIFICATION HEEP - HARDWAR		BHEL/HEEP/HSE/B/02 Rev. No. 00 PAGE 1 OF 2	
	EAR PLUG					
SUPERSEDES INVENTORY NO.	1.0 Scope This standard 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.					
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.	3.0 Technical Requirement					
	1 The earplug shall be made out of Polyurethane foam / Silicon Rubber.					
	2 It shall be insertion type.					
	3 It shall be suitable to fit into the ear canal of the user to effectively attenuate noise.					
	4 It shall attenuate the noise level by 20 - 25 dB.					
	5 The earplugs shall be conical in shape.					
	6 It shall be easy to squeeze & should expand automatically to fit in to the ear.					
	7 Both the earplugs shall be fastened to a silk/cotton/polyester cord.					
	4.0 Sample Sample shall be supplied along with technical offer for approval.					
	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. a. P.O. Number b. Batch No. & date						
6.0 Packing The earplug shall be packed in individual Hygienic box/pack.						
SIGN & DATE	NAME		DESIGNATION	SIGNATURE	DATE	
	WORKED	ABHAI SINGH	SAFETY OFFICER / SR. ENGR.		04/01/08	
INVENTORY NO.	CHECKED	V.K SAXENA	CHIEF SAFETY OFFICER / SR. MGR.			
	REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT EAR PROTECTION		APPROVED BY			
			 AJEET KUMAR SHARMA SR. MANAGER (HSE)			
	Revision No.	PAGE NO	ITEM CODE		DATE OF ISSUE	
00	24	ISXW00201111				

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PLANT PURCHASING SPECIFICATION
HEEP - HARDWAR

SIGN. & DATE

SUPERSEDES
INVENTORY NO.

7.0 Inspection

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

8.0 Guarantee Certificate

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.

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SIGN & DATE	NAME		DESIGNATION	SIGNATURE	DATE
	WORKED	ABHAI SINGH	SAFETY OFFICER / SR. ENGR.	<i>Abhai Singh</i>	04/01/08
	CHECKED	V.K SAXENA	CHIEF SAFETY OFFICER / SR. MGR.	<i>V.K Saxena</i>	

INVENTORY NO.	REF: CORPORATE STANDARD FOR PERSONAL PROTECTIVE EQUIPMENT EAR PROTECTION		APPROVED BY <i>Ajeet Kumar Sharma</i> AJEET KUMAR SHARMA SR. MANAGER (HSE)	
	Revision No.	PAGE NO	ITEM CODE	DATE OF ISSUE
	00	25	ISXW00201111	

SIGN & DATE



PLANT PURCHASING SPECIFICATION **HEEP - HARDWAR**

EAR MUFF

SUPERSEDES
INVENTORY NO.

1.0 Scope

This standard covers the requirements of Ear Muff.

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

4.0 Sample

Sample shall be supplied along with technical offer for approval.

SIGN &
DATE

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

INVENTORY NO.

REF:
CORPORATE STANDARD FOR
PERSONAL PROTECTIVE EQUIPMENT
EAR PROTECTION

APPROVED BY

V K SAXENA
DGM (HSE)

Revision No.

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PLANT PURCHASING SPECIFICATION

HEEP – HARDWAR

SIGN & DATE

SUPERSEDES
INVENTORY NO.

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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.

SIGN &
DATE

INVENTORY NO.

NAME

DESIGNATION

SIGNATURE

DATE

WORKED

ABHAI SINGH

SAFETY OFFICER /DY. MANAGER

ABHAI SINGH

27/1/12

CHECKED

JAGAT NARAIN

SAFETY OFFICER / SR. MGR.

JAGAT NARAIN

23-1-12

REF:

CORPORATE STANDARD FOR
PERSONAL PROTECTIVE EQUIPMENT
EAR PROTECTION

APPROVED BY

V R SAXENA
DGM(HSE)

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