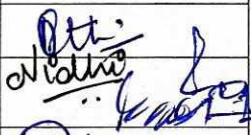
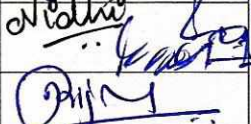
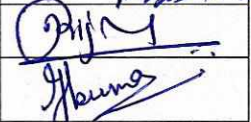
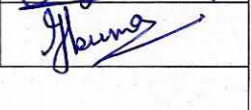

 An ISO 9001:2015 Company	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR VENDORS	PQR/ISE/SRH/WEB/2019/40
	INSULATION SYSTEMS ENGINEERING	Rev. No.: 00
	TECHNICAL PRE-QUALIFICATION REQUIREMENTS FOR VENDORS FOR SUPPLYING SILICONE RESIN AND HARDENER	Rev. Dt.: 01/08/2019 Sht. 1 of 3 sheets.

Silicone resin and hardener is used in the manufacturing of silicon based finishing paints.


SL. NO.	DESCRIPTION OF PQR	VENDOR'S RESPONSE	
		COMPLIANCE (YES / NO)	SUPPORTING DOCUMENTS/ INFORMATION REQUIRED TO ACCEPT COMPLIANCE
1)	Manufacturers, authorized distributors or traders/ agents/ stockiest etc. are acceptable		a) For manufacturers: Certificate/ documentary evidence that they are original manufacturers b) For authorized distributors: Valid letter of authorization from the principal c) For traders/ agents/ stockiest etc.: Name of original manufacturer and/or authorized distributor and authorization letter/ certificate from the manufacturer/ authorized distributor. When making regular supplies to BHEL, linkage documents like packing list/ TC/ invoice etc. of original manufacturer/ distributor to be submitted along with supplies.

Distribution:	Date of Rev. 00: 01/08/2019	Name	Signature
CIM MDX TME QFD ISE CIT	Prepared by	Abha Otti	
	Checked by	Nidhi Gupta/ Bishwanath Oraon	
	Approved by	Anirudha Tijare	
	Issued by	Gautam Kumar	
BHEL BHOPAL			

 बी एच ई एल BHEL An ISO 9001:2015 Company	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR VENDORS	PQR/ISE/SRH/WEB/2019/40
	INSULATION SYSTEMS ENGINEERING	Rev. No.: 00
	TECHNICAL PRE-QUALIFICATION REQUIREMENTS FOR VENDORS FOR SUPPLYING SILICONE RESIN AND HARDENER	Rev. Dt.: 01/08/2019
		Sht. 2 of 3 sheets.

SL. NO.	DESCRIPTION OF PQR	VENDOR'S RESPONSE	
		COMPLIANCE (YES / NO)	SUPPORTING DOCUMENTS REQUIRED TO ACCEPT COMPLIANCE
2)	Material should be Silicon resin TSR-117 with hardener SRC-18 (Make M/s Momentive) / Silicon resin 806-A with Hardener Z-6121 (Make M/s Dow Corning) or equivalent system of Resin + Hardener (Indicative Technical Requirements / Specifications are given in attached document No. CIT/373/2017/SRH/01 dated 11/11/2017		<ul style="list-style-type: none"> - Grade and make of the material to be quoted - Manufacturer datasheet/ Test certificate of offered grade to be submitted. - Mixing Ratio to be specified
3)	Supply capability – The bidder should confirm that he has sufficient capability to supply this material i.e.2500 kg (resin) + 100 kg (hardener) per annum approximately.		- Confirmation required
4)	<p>In case of qualification, in the above points 1 to 3, the vendor shall supply a free sample (approx.5 kg of resin and 1 kg of hardener) along with TC for testing and evaluation at BHEL Bhopal. Only after technical suitability of the material sample to our application, the party will be considered technically acceptable.</p> <p>In case material is already in use/ evaluated at BHEL Bhopal, sample submission may be bypassed.</p>		- Confirmation required

BHEL BHOPAL

 An ISO 9001:2015 Company	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (PQR) FOR VENDORS	PQR/ISE/SRH/WEB/2019/40
	INSULATION SYSTEMS ENGINEERING	Rev. No.: 00
	TECHNICAL PRE-QUALIFICATION REQUIREMENTS FOR VENDORS FOR SUPPLYING SILICONE RESIN AND HARDENER	Rev. Dt.: 01/08/2019 Sht. 3 of 3 sheets.

Non-qualifying criteria – For information only			
5)	Whether the vendor is registered with BHEL Bhopal or any other unit of BHEL	Yes/No	If yes, the name of BHEL unit where registered along with vendor code and list of items for which registered to be provided.
6)	Whether ISO 9001 certificate available?	Yes/No	If yes, submit valid certificate.

Note:

- i) In absence of compliance of above requirements, vendor's offer is liable to be rejected.
- ii) BHEL reserves the right to verify the information submitted by the vendor. In case the information submitted is found false or incorrect, the offer will be rejected and the vendor is liable to be blacklisted.

BHEL BHOPAL

CENTRE FOR INSULATION TECHNOLOGY DIVISION

Technical requirements / Specification for Silicone Resin and hardener used for making Silicon based Finishing paints (Indicative Properties)

Ref. : CIT/373/2017/SRH/01

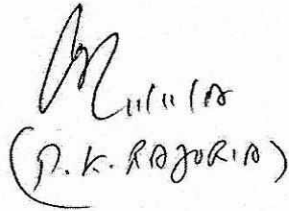
Date : 11/11/2017


A) Silicone Resin

a) Appearance	= Transparent / Light yellow
b) Specific Gravity	= 0.990 – 1.030
c) Viscosity at 25 ⁰ C (mPas/cp)	= 140 – 150
d) Solids %	= 49 – 51

B) Silicone Hardener

a) Appearance	= Colorless liquid
b) Purity %	= minimum 98.5
c) Specific Gravity	= 0.90 – 0.91
d) Viscosity at 25 ⁰ C mm ² /s	= 4.8 – 5.0


(P. K. RAJORIA)


11/11/17
महेंद्र कुमार सहारे / M.K. SAHARE
वरि. प्रबंधक (उत्पादन) / Sr. Manager (Prodn.)
सी. आई. एम. विभाग / CIM DIVISION
बी. एच. ई. एल. भोपाल / B.H.E.L., BHOPAL