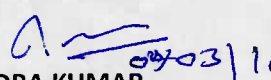
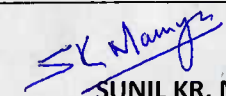


**BHEL****PRE -QUALIFYING REQUIREMENT****Indent No.: 20155886**

DESCRIPTION OF BHEL REQUIREMENT	TO BE SUPPLIED/ CONFIRMED/ SUBMITTED BY	OFFERED
<p>Only those OEMs or its authorized agencies, who have supplied and commissioned at least one Single Phase Industrial Vacuum Cleaner of at least 230 mbar or better vacuum capacity in past ten years and such Vacuum Cleaner was working satisfactorily for more than one year after commissioning, should quote. The period should be prior to tender opening date.</p> <p>The following information should be submitted by the vendor about the companies where aforementioned Single Phase Industrial Vacuum Cleaner has been supplied. This is required from all the vendors for qualification of their offer.</p>	Vendor to accept & confirm.	
1. Name of the customer / company where referred Single Phase Industrial Vacuum Cleaner have been supplied.	Vendor to inform.	
2. Complete postal address of the customer.	Vendor to inform.	
3. Month & Year of commissioning.	Vendor to inform.	
4. Parameters and application for which Single Phase Industrial Vacuum Cleaner is supplied.	Vendor to inform.	
5. Name and designation of the contact person of the customer.	Vendor to inform.	
6. Phone, FAX no. and email address of the contact person of the customer.	Vendor to inform.	
7. Performance certificate from the customers regarding satisfactory performance of Vacuum Cleaner supplied to them (Certificate or Through E-mail directly from the customer).	Vendor to submit.	
8. BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	Vendor to accept & confirm.	

  
**SURENDRA KUMAR**  
 Sr. Mgr (CSX)

  
**AMIT CHAUDHARY**  
 Sr. Engr. (CSX)

  
**SUNIL KR. MAURYA**  
 Sr. Engr. (CSX)

**Technical Specification for "SINGLE PHASE INDUSTRIAL VACUUM CLEANER"**  
 (This specification is for one number Vacuum Cleaner)

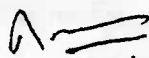
S No.	DESCRIPTION OF BHEL REQUIREMENT	REQUIREMENT	OFFERED	DEVIATION
1.0	<b>PURPOSE:</b> Industrial vacuum cleaner will be used for cleaning of dust, small waste, chips etc. in storage area.	Vendor to note.		
2.0	<b>SCOPE:</b> The scope of supply includes design, manufacturing, supply, commissioning & proving of performance of the "Industrial Vacuum Cleaner" at BHEL works, Haridwar.	Vendor to confirm.		
3.0	<b>JOB DESCRIPTION:</b> In storage area of stores, dust, chips and small waste material like waste paper/polythene gathers during loading/unloading and shifting of material. It is required to clean the area at frequent intervals to maintain cleanliness of the place.	Vendor to note.		
4.0	<b>TECHNICAL SPECIFICATION OF INDUSTRIAL VACUUM CLEANER</b>			
4.1	Industrial Vacuum Cleaner must be designed for removal of dust, chips etc. during loading/unloading and shifting of material.	Vendor to confirm.		
4.2	Air flow minimum 61 liters/sec or better	Vendor to confirm.		
4.3	Vacuum (at container)=230 mbar or better	Vendor to confirm.		
4.4	Diameter of hose pipe	Vendor shall furnish in the offer.		
4.5	Length of the hose pipe along with coupling connected to vacuum cleaner = minimum 3 meters	Vendor to confirm.		
4.6	Dust Container Storage Capacity = 50 liters minimum.	Vendor to confirm.		
4.7	Type of motor and specification details to be furnished in the offer for single phase operation.	Vendor shall furnish in the offer.		
4.8	Industrial Vacuum cleaner must be complete with the good quality and long lasting castor wheels so that it can be easily be shifted to different locations at a work center.	Vendor to confirm.		
4.9	Weight of vacuum cleaner	Vendor shall furnish in the offer.		
4.10	Technical leaflets/catalogues and specification details of the offered Industrial Vacuum Cleaner shall be attached with the offer	Vendor to confirm.		
4.11	Power Cord Length = minimum 15 meters	Vendor to confirm.		
5.0	<b>ENVIRONMENTAL CONDITION:</b>			
5.1	Industrial Vacuum Cleaner must be suitable to operate at ambient temperature from 4°C to 50°C and relative humidity up to 95%.	Vendor to confirm.		
6.0	<b>NOISE LEVEL:</b>			
	Maximum noise level generated due to the operation of Industrial Vacuum Cleaner must be less than 85db from 1 meter away from machine with correction factor for background noise.	Vendor to confirm.		

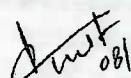
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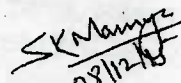
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 (Sr Engr - CSX)

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 21/12/15  
 (Sr. Engr - CSX)

7.0	ACCESSORIES OF INDUSTRIAL VACUUM CLEANER:			
7.1	PVC Flat Nozzle = 1 no.	Vendor to confirm.		
7.2	Hose pipe of suitable dia. Of length minimum 6 meter = 1 No.	Vendor to confirm.		
8.0	SPARE:			
8.1	Mandatory Spares: (i) Dust bag = 1 No. (ii) Gaskets and "O" Rings (if any) = 1 set	Vendor to confirm.		
8.2	Price of each item under mandatory spares shall be quoted separately. The price shall not be included in the main equipment cost.	Vendor to confirm.		
9.0	OPERATION AND MAINTENANCE MANUAL OF INDUSTRIAL VACUUM CLEANER.			
9.1	1 set of operation and maintenance manual in English language shall be supplied along with Industrial Vacuum Cleaner.	Vendor to confirm.		
10.0	INSTALLATION AND COMMISSIONING:			
10.1	The supplier shall be fully responsible for the commissioning of the Equipment at BHEL works, Haridwar.	Vendor to confirm.		
11.0	FINAL ACCEPTANCE OF INDUSTRIAL VACUUM CLEANER :			
11.1	Demonstration of all features specified in this Technical specification to the satisfaction of BHEL, at BHEL works, Haridwar.	Vendor to confirm.		
12.0	GUARANTEE:			
12.1	Guarantee for Industrial Vacuum Cleaner shall be 12 months from the date of final acceptance at BHEL works as per Sl. No. 11.1	Vendor to confirm.		

  
 08/12/15  
 Sr. Engr - CSX

  
 08/12/15  
 (Sr Engr - CSX)

  
 08/12/15  
 (Sr. Engr - CSX)