



ISO 9001:2008, 14001:2004,
50001:2011 & OHSAS 18000
MAHARATNA COMPANY

MATERIAL MANAGEMENT (PURCHASE)
CENTRAL FOUNDRY FORGE PLANT, BHEL HARDWAR
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Sub: Tender Enquiry for MQL Based Mist Coolant System

Dear Sir,

We are pleased to invite offer in **E-Tender** as per enclosed specifications & terms and conditions for the under mentioned items.

SI No	Tender No	Description of Material	Qty	Date & Time Of Opening
01	201901151, Event ID: 29975	Material Code: FF5768000011, MQL BASED MIST COOLANT SYSTEM. SIZE: 10 LTR, SINGLE NOZZLE, DIM.: S	5 No	01/07/2019 at 2.00 PM
02		Material Code: FF5768000020, MQL BASED MIST COOLANT SYSTEM. AS PER ATTACHED ANNEXURE. SIZE: 5 LTR, SINGLE NOZZLE, DIM.: S	5 No	
03		Material Code: FF5768000038, MQL BASED MIST COOLANT SYSTEM. AS PER ATTACHED ANNEXURE. SIZE: 10 LTR, DOUBLE NOZZLE, DIM.: S	3 No	

Delivery Schedule: 1st set within 15 days from date of Purchase order, balance quantity Within 15 days from the date of confirmation/intimation. Early delivery is acceptable.

For New Vendor who are not registered with CFFP:

New Vendor who are not registered with CFFP are required to fill the Supplier Registration Form (SRF). The SRF can be filled online through <https://supplier.bhel.in/>. Please ensure to fill the SRF and it is requested to submit the Acknowledgement No./ Application no. of filled SRF along with the offer. Kindly read terms and conditions, offer not in accordance with the instructions is liable to be disqualified or ignored.

Please send the following along with the Offer:

1. **Company Name and Address Proof.**
2. **GST Number (Scan Copy of Acknowledgement)**
3. **PAN Copy**
4. **MSME Certificate (if Any)**

All the above documents should be signed and stamped.

Please visit <https://bhel.abcprocure.com/EPROC/>; www.bhel.com or www.bhelhwr.co.in for more details & corrigendum if any for the tender enquiry. **Offers are to be submitted online in E-tender portal at <https://bhel.abcprocure.com/EPROC/>**

Offer to be submitted only on e-procurement portal. Hard copy of offer is not required to be submitted to CFFP. Any offers received in Hard copy shall not be accepted and straightaway rejected by CFFP. Before proceeding for submitting quotation in e-portal, supplier to ensure that they are having a valid Digital Signature Certificate (DSC). Valid DSC refers to an Active Signing and Encryption Certificate (both), with specification Class III SHA2 2048 bit

Thanking You,

Yours Faithfully,

For & On behalf of CFFP, BHEL, Hardwar

(Vinay K Singh)

Sr. Engineer (Purchase)

Note: Corrigendum if any shall not be published, kindly refer <https://bhel.abcprocure.com/EPROC/> for any changes.

Pre- Qualifying Conditions:-

SL.NO.	REQUIREMENT TO BE COMPLIED
1	Only those vendors to quote who are Original tool manufacturer(OEM) or authorized dealer/distributor of Original Tool manufacturer. Authorization certificate from Original Tool manufacturer to be furnished by the vendor with the offer, in case the vendor is dealer/distributor/channel partner of Original Tool manufacturer.
2	Vendor should have experience of supplying Mist coolant system for machining.
	The following information is to be submitted by the participating vendor about the companies where such type of Mist coolant sytem have been supplied. This is required from all the vendors for qualification of their offer.
2.a	Name and address of the customer / company where such Mist coolant sytem have been supplied.
2.b	Contact Details of the customer
2.c	Purchase Order Copy / Invoice Copy
2.d	Basic details of supplied Mist coolant sytem.
2.e	(1) In case OEM is quoting in tender, he should submit PO/Invoice Copies as required in 2(c) in his own name (2) In case Trader is quoting in tender, he should submit PO/Invoice Copies as required in 2(c) in his own name. If the PO/Invoice Copy submitted is in the name of its OEM, authorization letter issued by OEM to trader to be submitted .
2.f	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.

ITEM:-MQL(Minimum Quantity Lubrication) BASED MIST COOLANT SYSTEM

Supply & Successful establishment of MQL (Minimum Quantity Lubrication) based Mist Coolant System to be used during machining of alloy steel as per following details :

POINT NO.	REQUIREMENT TO BE COMPLIED			VENDOR'S COMPLIANCE (Y/N)
1	The vendor to offer MQL(Minimum Quantity Lubrication) based Mist Coolant System to be used during machining of alloy steel(Having Hardness upto 350 BHN)			
	MQL based Mist coolant system offered by vendor should have following features in its assembly:-			
	ITEM NO.	SI. No.	ITEM PARTS DETAIL	Remarks
	1	a.	Coolant reservoir capacity to be filled with water soluble servo cut 'S' oil in the ratio of 20:1(water : oil)	10 Ltr capacity
		b.	No. of Nozzles	1 Nos
		c.	Coolant tube with metal spring Guard	3 Mtr long
		d.	Solenoid valve 230V	1 Nos
		f.	Pressure regulator	1 Nos.
		g.	Air filter unit	1 Nos.
		h.	Oil suction filter	1 Nos.
		i.	Working air Pressure will be provided by BHEL CFFP through compressed air points	ready to operate Upto 5 Kg/Cm ²
		j.	Visual Coolant level indicator	1 Nos
	2	a.	Coolant reservoir capacity to be filled with water soluble servo cut 'S' oil in the ratio of 20:1(water : oil)	5 Ltr capacity
		b.	No. of Nozzles	1 Nos
		c.	Coolant tube with metal spring Guard	3 Mtr long
		d.	Solenoid valve 230V	1 Nos
		f.	Pressure regulator	1 Nos.
		g.	Air filter unit	1 Nos.
		h.	Oil suction filter	1 Nos.
		i.	Working air Pressure will be provided by BHEL CFFP through compressed air points	ready to operate Upto 5 Kg/Cm ²
		j.	Visual Coolant level indicator	1 Nos
	3	a.	Coolant reservoir capacity to be filled with water soluble servo cut 'S' oil in the ratio of 20:1(water : oil)	10 Ltr capacity
		b.	No. of Nozzles	2 Nos
		c.	Coolant tube with metal spring Guard	3 Mtr long
		d.	Solenoid valve 230V	1 Nos
		f.	Pressure regulator	1 Nos.
		g.	Air filter unit	1 Nos.
		h.	Oil suction filter	1 Nos.
		i.	Working air Pressure will be provided by BHEL CFFP through compressed air points	ready to operate Upto 5 Kg/Cm ²
		j.	Visual Coolant level indicator	1 Nos
3	Offered item by vendor should have all the Item parts as mentioned at Sl. No. 'a' to 'j' against Point No. 2. Vendors failing to provide items without Item parts as mentioned at Point No. 2 will be considered technically not suitable.			
4	Guaranty Certificate required with minimum guaranty period of 12 months from the date of acceptance of material.			
5	Acceptance Criteria:- Item supplied by vendor should have all the features as mentioned at point no. 2 and should operate at working air pressure as mentioned at Point no. 2. There should not be any leakage during establishment of item. Item should operate smoothly for 4 continuous shifts without any hiccups, interruptions with 1 shift of 8 Hours. If any interruption,hiccups is observed during establishment of item, item shall not be accepted.Vendor to provide only 1 set after PO placement foreach item. After item is accepted as per acceptance criteria; vendor will be given confirmation to supply balance qty for each item within 15 days from the date of acceptance. Only after confirmation, vendor to supply balance qty for each item.			
6	L1 status shall be evaluated separately for all the items i.e. item no. 1,2,3 for full package of item no. 1,2,3 comprising of Sl. no. 'a' to 'j' as specified at point no. 2. against each item . Full package of item no. 1,2,3 comprising of Sl. No. no. 'a' to 'j' as specified at point no. 2 , will be procured from L-1 vendor only due to compatibility reason.			
7	If the process & item could not be established in one go, the vendor will be given one more chance to improve upon and establish the item through change of item/process etc. In case of failure even in second chance, the supplied lot for concerned item shall be declared as rejected & risk purchase shall be done			
8	The payment shall be made subject to final acceptance by BHEL after successful establishment of supplied items by the vendor as per Final acceptance criteria mentioned above at point no. 5			
9	The offer should be complete having list & quantity of each item offered with price, technical details etc. for clear understanding of the offer. In case, vendor requires any clarification, they may discuss with BHEL prior to submission of their offer to avoid any gaps at later stage.			
10	In case of addition of any new item, if so required by the vendor, for successful establishment of supplied items, the same shall be supplied by the vendor without any financial implications to BHEL.			