



General Note:

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PHONE : 91-44-28158821
GRAMS : BHARATELEC
FAX NO:
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OFFICE COPY

Collective No.

9621800105

Enquiry Date

19.07.2018

**Due Date For
Quotation**

09.08.2018

Please quote Enquiry No, Date and due date in all
correspondences.
This is only a request for quotation and not an order

Item	Description	Unit	Quantity	Delivery Quantity	Schedule Date
10	SP5740089650 Push bench mandrel bar lubricant Application: In seamless steel tube plant, BHEL,Trichy, seamless steel tubes of carbon and alloy steel are manufactured using cross piercing and push bench process. The process is carried out at a tempertaure of 1295 degree centigrade In manufacturing of seamles s steel tubes in pushbench,mandrel bars are used to push the hot shell through a set of roll cages of reducing roll pass.The mandre l bars are incontact with high temperature shells and also subject to heavy force due to reduction of diameter and wall thickness i n different stands.Inorder to reduce the friction between the shell and the mandrel and also to achieve smooth reduction, a lubrica nt is to be applied over the mandrel bar. The length of the pushbench mandrel bar is 16700mm and the shell coverage is upto 15000mm . Features: 1)It shall be homogeneous mixture of graphite powder with a bonding agent. 2)It Shall be further diluted/ mixed with water at a ratio of minimu m 1:3 and applied over the hot mandrel or hot hollow bloom. 3)The lubricant after dilution/ mixing shall be used in coating of hot mandrels or hot hollow bloom before pushing operatio n. 4)The lubricant shall be capable of increasing the life of the mandrel bar and also to reducing the scaling of the mandrel surface due t o high temperature application.5)The lubricant shall take care of deformation high loads and high pressures of deformation. 6)It shall act	L	8000.000	8,000.00	15.09.18
The offers should reach us 30 minutes before the time of opening of tenders. The offers will be opened at 14.30 hrs on the due date of tender in the presence of tenderers who have submitted their offer and who may like to be present for the tender opening.Late and delayed offers are liable to be rejected.				Yours faithfully, For BHARAT HEAVY ELECTRICALS LIMITED MANAGER / PURCHASE (SSTP)	

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as a insulation be
tween the hot mandrel and the hot shell.7)It
shall form a hydrodynamic
film for antiadherence of the hot mandrel and
hot metal surface to avoid
sticking.8)It shall reduce the mechanical and
thermal stress to extend
the mandrel life.9)The lubricant shall be
sprayable through nozzles
after mixin
g with water and to form an even film over the
hot mandrel or hot hollow
bloom 10)Shall not generate smoke, fire or
hazardous gases. 11)The
product shall
work at a temperqature of 450-600 degree
centigrade. Technical
characteristic Apperance: Black viscous liquid
Base: water and mis
cible synthetics Percentage of solid: 30-50% pH
value: 7.5-10 Shelf
life: Miniumum one year
The vendor to give pointwise reply for the
below
1) Vendor should be a manufacturer of lubricant
and shall have ISO
9001:2015 certification
2) The product should have been used in similar
condition - 1 PO copy
and 1 performance certificate shall be submitted
as proof.
3) Lubricant shall be supplied in 200 lit barrels
for ease of handling
and usage
4) The lubricant shall be supplied in 4 lots as
staggered delivery. 1
lot equals to 2000 litres. Each lot to be
supplied every 3 months. The
total delivery period will be one year. And each
lot supplied should
have a shelf life period of min 9 months from
date of receipt at stores
5) Each lot will be inspected and tested for
usage seperately at SSTP.

General Note:

This tender is floated thro' E-procurement site and PLEASE
CLICK THIS LINK TO TAKE YOU TO THE PROCUREMENT SITE
<https://bhel.abcpurchase.com/EPROC/>

1. This Tender is floated on TWO-BID basis.
2. Annexure-A for MSE vendor and Annexure-B for new vendor enclosed.
3. For new vendors, who ever viewed thro' web site, they will be given
the documents as per Annexure-B with the technical bid.,

Enclosures:

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tenderers who have submitted their offer and who may like to be present for the tender
opening.Late and delayed offers are liable to be rejected.

Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(SSTP)



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"LD clause has to be confirmed without fail."

The bidder along with its associate / collaborators / sub-contractors / sub-vendors / consultants /service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

PR Links

Material.	PR.No	PR.Item.	Quantity	Acc. Assign	Customer Number
SP5740089650	122246071	00010	8000.000	/000000	

list of suppliers**RFQ-5200007330****Open Tender Dummy Code**

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Yours faithfully,
For **BHARAT HEAVY ELECTRICALS LIMITED**

MANAGER / PURCHASE
(SSTP)