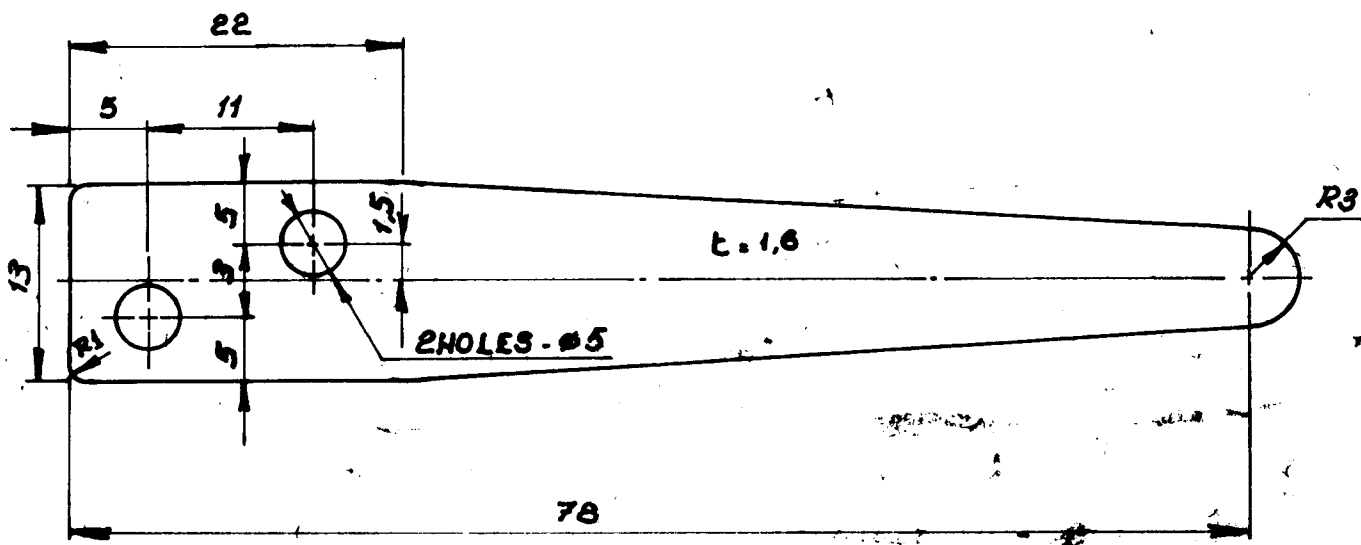


A	DATE 7.11.75.	ALTERED CHECKED	REV: 02. 26/09/86. 194	REV 03	DATE 23.02.96	ALTD: 3.3.88
	ZONE SH 1.6 x 13 x 01 WAS SH 1.6 x 18 x 70 & NOTE ADDED			NOTE ADDED. EC NO: 028		OMAC PART CODE INTRODUCED AND MATL. CODE CHANGED DCN: SB0834



NOTE: TO BE HEAT TREATED & TEMPERED
TO BE HARDENED TO 45-50 HRC

OMAC PART CODE: 963530070000 00389 197 Dx

96353007										01		VH 1.6 x 13 x 01	
15	17	20	21	34	56	57	63	68	75	76	80	DESCRIPTION/REMARKS	
STALE NO.	ITEM NO.	BPS	REF. DRG./BPS NO.	RVN	MATERIAL CODE	COMP	UNIT WT. (KG)	NO. OFF	NO. D				
				STL	MATERIAL SPECN.	GROUP							
CARD TYPE 1										CARD TYPE 2			

FIRST ANGLE	SCALE	DRAWN	V. Subramanian	TOTAL NET WT. (KG)	0.01
		CHECKED		TYPE	
ALL DIMENSIONS IN MILLI METRES:		APPROVED		NEW/OLD DRG. No	9.40014

<p>CAUTION</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LTD BOILER PLANT UNIT TIRUCHY-620014 AND SHALL NOT BE USED WITHOUT THEIR EXPRESS WRITTEN PERMISSION IN ANY FORM OR PART THEREOF FOR ANY OTHER PURPOSE THAN FOR WHICH IT IS SENT TO YOU.</p>	TITLE	REVISION
	<p>ARM</p> <p>DRAWING No.</p> <p>4-20-201-00186</p>	<p>D</p>

Certificate by Chartered Accountant on letter head

This is to Cert'fy that M/S,
(hereinafter referred to as 'company') having its registered office at
..... is registered under MSMED Act 2006, (Entrepreneur
Memorandum No (Part-11) dtd:.....,
Category:..... (Micro/Small)). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the
latest audited financial year as per MSMED Act 2006 is as follows:

1. **For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost
excluding land and building and the items specified by the Ministry of Small Scale Industries vide its
notification No.S.O.1722(E) dated October 5, 2006 :
Rs.....Lacs
2. **For Service Enterprises:** Investment in equipment (original cost excluding land and building and
furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED
Act, 2006:
Rs.....Lacs

(Strike off whichever is not applicable)

The above investment of Rs.....Lacs is within permissible limit of
Rs.....Lacs forMicro / Small (Strike off which is not applicable)
Category under MSMED Act 2006.

Or

The company has been graduated from its original category {Micro/ Small} (Strike off which is not
applicable) and the date of graduation of such enterprise from its original category is
(dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such
enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published
in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name-

Membership number-

Seal of Chartered Accountant

Price Bid Annexure to Enquiry No.1415-019 Dated 15.05.2014, Due date 29.05.2014

Enq Sl. No.	Code	Description of material	TDC	Drg No	Enquiry Qty (Nos.)	Unit Basic Price, Rs. per No (In Figure)	Unit Basic Price, Rs. per No (In Words)
1	963530070000	P.ST.ARM-IS:C75	TSB078/01	42020100186	850	To be filled by Bidder	To be filled by Bidder

Authorised signatory with seal

Techno-Commercial Bid Annexure to Enquiry No.1415-019 Dated 15.05.2014, Due date 29.05.2014

Enq Sl. No.	Code	Description of material	TDC	Drg No	Enquiry Qty (Nos.)	Quoted	Unit Basic Price, Rs. per pc.
1	963530070000	P.ST.ARM-IS:C75	TSB078/01	42020100186	850	Yes/No	"Pl. see price bid"
Excise Duty rate (mention in % if applicable, mention as NIL if not applicable)			Applicable/Not applicable				
			Extra/Inclusive				
			% if applicable		<i>Pl. clearly mention in % if applicable</i>		
Cess on ED rate (mention in % if applicable)							
CST (%) / VAT (%)			Extra/Inclusive				
			%				
Validity of offers (As per BHEL terms 60 days validity is required)						<i>Pl. clearly mention</i>	

The above prices are **Firm, without any price escalation; are Rs. per piece; and are on FOR Goindwal Sahib basis.**

We accept all terms and conditions of the Tender Enquiry No.1415-019 Dated 15.05.2014, Due date 29.05.2014

Authorised signatory with seal



Technical delivery conditions for
SD components of SOOT BLOWERS

Sheet V2
TSB:078

REV:01

ARM (SWITCH) for WB.

- 1.0 Component : Arm (switch).
- 2.0 Material Code : 96 353 007
- 3.0 Drawing NO. : ~~4xxx~~ 4-20-201-00186
- 4.0 Application : Used in wall blowers.
- 5.0 Specification : SPRING STEEL confirms to
BM-SP1 or IS:C-75 or its equivalent.
(Specn. BM-SP1 is enclosed).
- 6.0 Dimensions : As per Drawing.
- 7.0 Supply Condition: As per drawing. To be "HEAT TREATED and
TEMPERED to 45 - 50 RC".
- 8.0 Approx. Weight: 0.01 kg.
- 9.0 Quantity : ONE number per WB.
- 10.0 Inspection : Inspection shall be carried out
by BHEL Inspector at BHEL - TRICHY works
only.
- 11.0 Remarks : Any diviation to the drawing on
dimension, material, heat treatment , etc.,
should be clearly indicated in the offer
itself for scrutiny.

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SPECIFICATION for BM - SP 1 Sheet 2/2 TSB:078
 CARBON SPRING STEEL (OIL HARDENING). REV: 01

- 1.0 Marking of Material : BM - SP 1
- 2.0 Colour code :
- 3.0 Scrap class :
- 4.0 Process of Manufacture: Open hearth or Electric process, Killed.
- 5.0 Chemical Composition :

C	Mn	Si	S	P
0.70	0.50	0.10	0.05	0.05
0.85	0.80	0.40	max	max
- 6.0 Products : Sheet & Strip, Bars and Wire.

7.0 Mechanical Properties : HEAT - TREATED

A. Condition of Delivery	As annealed	Sheet & Strip	BARS & WIRES
B. Tensile strength kg/mm ²	75 max	180-200	100 min
C. Yield point kg/mm ² min	—	150 (average)	80
D. %Elongation on 10d min	16	2	10
E. Hardness	BHN	—	300 min
	HRC	51-54	32 min

8.0 Heat treatments

Process	Temperature °C	Medium of Cooling
Forging	1050-850	in AIR
Normalizing	790-820	AIR
Soft annealing	650-680	2hrs holding & furnace cool.
Hardening	800-820	OIL
Tempering	(350-480)	OIL

- 9.0 Application :- For leaf and coil springs.
- 10.0 Remarks :- For further details the relevant Standard should be referred.

- 11.0 Related Specns :-
- CSN: 12081 * - sheet & strip
 - ASP: 85-2 - Bars
 - BS : EN-42 - for BARS
 - EN 42F - for Strips
 - EN 42C - for Wire
 - DIN : 17222 MK 75
 - GOST : 75
 - AISI : 1074

* Mn is slightly lower.

REV.	01	
PREP.	<i>Ray</i>	
APPD.	<i>[Signature]</i>	
DATE	6-11-92	

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