



TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

RFQ/NIT HEADER DETAIL

ORGANIZATION NAME	TRICHY, BHEL	RFQ FLOATED UNDER THE	PURCHASE POLICY
RFQ/NIT REFERENCE	2661700264	POLICY	
CODE/ENQUIRY NO		RFQ OWNER/NIT	MR ARUNACHALAM T(AE1/PUR)
RFQ/NIT TYPE	OPEN TENDER	OFFICER/ENQUIRY OWNER	
NUMBER OF ITEMS ALREADY	17		
ATTACHED			
CURRENCY	INR - INDIAN RUPEE		
DESCRIPTION	Machining items		
DETAILED DESCRIPTION	Machining items for M/c spares		
NUMBER OF BID PART(S)	2	PUBLISHED DATE	6 May , 2017 9:15:16 AM

ATTRIBUTE(S)

ATTRIBUTE NAME	ATTRIBUTE VALUE
Delivery at	BHEL Trichy
Inspection By	BHEL Engineers
Validity of the Offer	PRICE SHOULD BE FIXED AND VALID FOR 120 DAYS FROM THE DATE OF TENDER OPENING
Inspection	BHEL WORKS

DATE-TIME DETAIL(S)

BID START DATE	5 May , 2017 2:00:00 PM	BID DUE DATE	29 May , 2017 10:00:00 AM
BID OPEN DATE	29 May , 2017 10:30:00 AM		
(SCHEDULED)			

PRE-BID DISCUSSION DETAILS

PRE-BID DISCUSSION TYPE NOT REQUIRED

ALTERNATE BID DECRYPTOR(S)

USER DETAILS
MR Admin SANJEEVI B(SDGM/PUR)
MR CHANDRAMOHAN D(DGM/PUR)
MR CHELLIAH V(SM/PUR)
MR ARUNACHALAM T(AE1/PUR)
MR ASHOK ANAND RAJ S(AE1/PUR)

SELLER DETAIL(S)

CODE	ORGANIZATION NAME
023505	TEST (Mr test ot test)

TERM AND CONDITION DETAIL(S) - SPECIAL TERM(S)

SL. NO.	CATEGORY	DESCRIPTION
1	SPECIAL TERM(S)	SPECIAL TERM(S) GENERAL NOTE:PLEASE SUBMIT YOUR OFFER IN "TWO PART BID SYSTEM" AS PERTHE ANNEXURES ENCLOSED THROUGH E-TENDER ONLY. ENCLOSURES:ANNEXURE III,IV,V,VI,VII. OPENING OF TENDERS:The Part I - Technical & commercial bid alone would be opened on theTender opening date.The Part II - Price bid of technically suitable Bidders alone would beopened. The TechnicallySuitable Bidders would be informed about the tender opening date throughE-mail.Clarifications if any required by BHEL for Technical evaluation would besought from Bidders before opening of Part II - price bid.For anyclarification the bidders may contact us through chells@bheltry.co.in ,arunachal@bheltry.co.inSubmit your offer in E-Procurement website only www.bheleps.buyjunction.in. The bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ serviceproviders shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website http://www.bhel.comand shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as itcomes to their notice.

RFQ/NIT ITEM DETAILS





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

SL. NO.	CODE	DESCRIPTION	QUANTITY	RFQ/NIT U.O.M	OFFER U.O.M
10	75MECHSPR_NO	MODIFIED CLAMP DIE, AS PER DRG NO:2M10A0305491 (SN-1)COMMON NOTE FOR ALL ITEMS:(1) Supplier shall suitably punch / tag / engrave the given drawing no.against each item during supply.(2) Mating components shall be awarded to single supplier for propermatching of components.(3) Items (Wherever applicable) are to be individually packed with ziplock cover.(4) Material test certificate for items as per drawing shall be providedalong with the supply.(5) Delivery of the items should be within 60days from the date ofrelease of PO.(6) Vendor may visit BHEL,Trichy before quoting for clarifications ifany.VENDOR QUALIFYING CRITERIA:Only those vendors who satisfy the following conditions will getqualified to participate in the tender:(1) Company profile details has to be provided along with offer.(2) Vendor should have minimum 2 year experience in this field.(3) Previous PO details for supplying similar kind of items to BHELand/or any-other Organization should be submitted along with offer.(Otherwise offer is liable for rejection).CLAMP DIE, DRG NO: 2M10A0305491 (SN-1)	06.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		6	
20	75MECHSPR_NO	MODIFIED CLAMP DIE, AS PER DRG NO:2M10A0305491 (SN-2)CLAMP DIE, DRG NO: 2M10A0305491 (SN-2)	06.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		6	
30	75MECHSPR_NO	SHAFT, AS PER DRG NO: 3M18D0915590SHAFT, DRG NO: 3M18D0915590	04.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		4	
40	75MECHSPR_NO	RACK, AS PER DRG NO: 4M12A2529541RACK, DRG NO: 4M12A2529541	06.00	NUMBER	NUMBER



	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		6	
50	75MECHSPR_NO	BEARING HOUSING, AS PER DRG NO: 4M12B1820434BEARING HOUSING, DRG NO: 4M12B1820434		05.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		5	
60	75MECHSPR_NO	TRUNION, AS PER DRG NO: 4M12B1810698-01TRUNION, DRG NO: 4M12B1810698-01		27.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		27	
70	75MECHSPR_NO	ADAPTOR PLATE, AS PER DRG NO: 4M12B1822525ADAPTOR PLATE, DRG NO: 4M12B1822525		08.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		8	
80	75MECHSPR_NO	HAND WHEEL, AS PER DRG NO: 4M12B1710680HAND WHEEL, DRG NO: 4M12B1710680		05.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		5	
90	75MECHSPR_NO	BEARING HOUSING, AS PER DRG NO: 3M12B4715618BEARING HOUSING, DRG NO: 3M12B4715618		10.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		10	





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

100	75MECHSPR_NO	TRUNION, AS PER DRG NO: 3M12B4715577TRUNION, DRG NO: 3M12B4715577	20.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL CODE: MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :		ATTRIBUTE VALUE 75MECHSPR_NO 75MECHSPR 0.0 Yes TAMIL NADU Yes 01-JUN-2017 20	
110	75MECHSPR_NO	TRUNION SUPPORT PLATE, AS PER DRG NO: 4M12B4729876TRUNION PLATE, DRG NO: 4M12B4729876	40.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL CODE: MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :		ATTRIBUTE VALUE 75MECHSPR_NO 75MECHSPR 0.0 Yes TAMIL NADU Yes 01-JUN-2017 40	
120	75MECHSPR_NO	MAIN SPINDLE, AS PER DRG NO: 2M12B4705428MAIN SPINDLE, DRG NO: 2M12B4705428	06.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL CODE: MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :		ATTRIBUTE VALUE 75MECHSPR_NO 75MECHSPR 0.0 Yes TAMIL NADU Yes 01-JUN-2017 6	
130	75MECHSPR_NO	FEED SCREW ROD, AS PER DRG NO: 3M12B4715580FEED SCREW ROD, DRG NO: 3M12B4715580	10.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL CODE: MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :		ATTRIBUTE VALUE 75MECHSPR_NO 75MECHSPR 0.0 Yes TAMIL NADU Yes 01-JUN-2017 10	
140	75MECHSPR_NO	FEED NUT, AS PER DRG NO: 4M12B4729880FEED NUT, DRG NO: 4M12B4729880	10.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME MATERIAL CODE: MATERIAL GROUP: KILOGRAM PER UNIT: Cenvatable (Yes / No) Delivery Location Vatable (Yes / No) Delivery Date (i) : Delivery Qty (i) :		ATTRIBUTE VALUE 75MECHSPR_NO 75MECHSPR 0.0 Yes TAMIL NADU Yes 01-JUN-2017 10	
150	75MECHSPR_NO	BACK COVER, AS PER DRG NO: 4M12B4729878BACK COVER, DRG NO: 4M12B4729878	08.00	NUMBER	NUMBER





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		8	
160	75MECHSPR_NO	HOUSING CAP, AS PER DRG NO: 3M12B4715579HOUSING CAP, DRG NO: 3M12B4715579	10.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		10	
170	75MECHSPR_NO	HELICAL GEAR, AS PER DRG NO: 4M03A1826246HELICAL GEAR, DRG NO: 4M03A1826246	05.00	NUMBER	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		75MECHSPR NO	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		01-JUN-2017	
		Delivery Qty (i) :		5	





TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

IMPORTANT NOTICE

PLEASE READ THE FOLLOWING ATTACHMENT(S) [SEPARATELY DOWNLOADABLE] ALONG WITH THIS RFQ/NIT/ENQUIRY .

RFQ/NIT/ENQUIRY - ATTACHMENTS

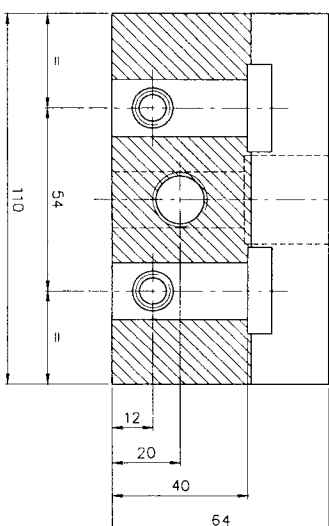
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DSC GUIDELINES	DSC GUIDELINES.docx
Drqs 264	Drqs 264.pdf





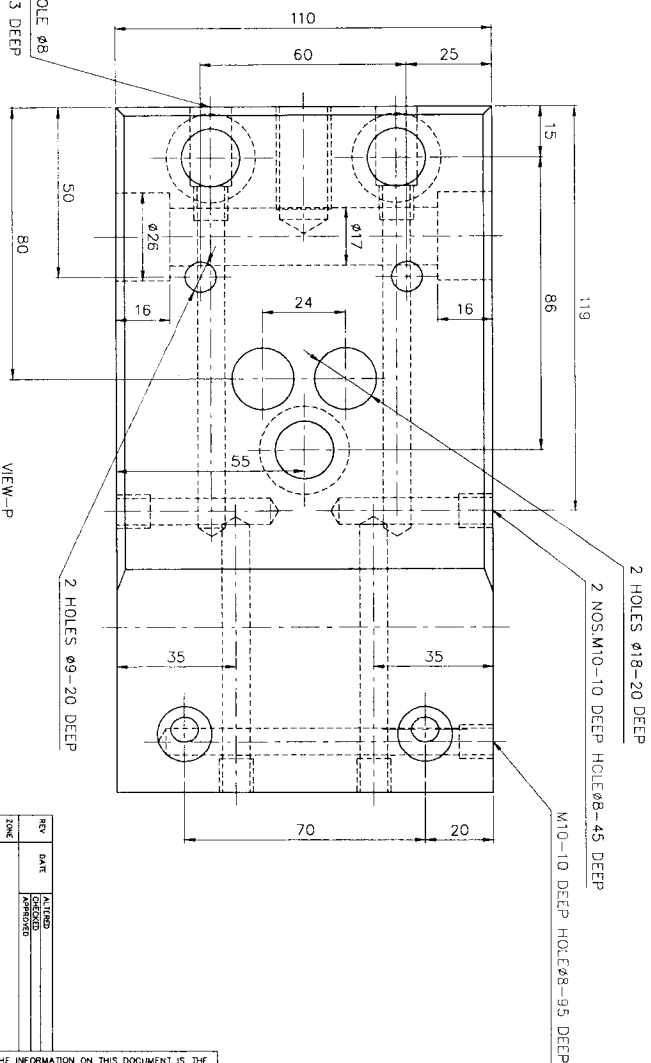
TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA





NOTE: SHARP CORNERS FOR 3/45

SL.NO.	PIPE DIA.	R	H
01	ø31.8 ø44.5	25	22.5
02	ø51 ø44.5	32.5	27.5



2 NOS.M10-10 DEEP HOLE Ø8
-124 DEEP CBR Ø12-23 DEEP

VIEW-F

[illegible]

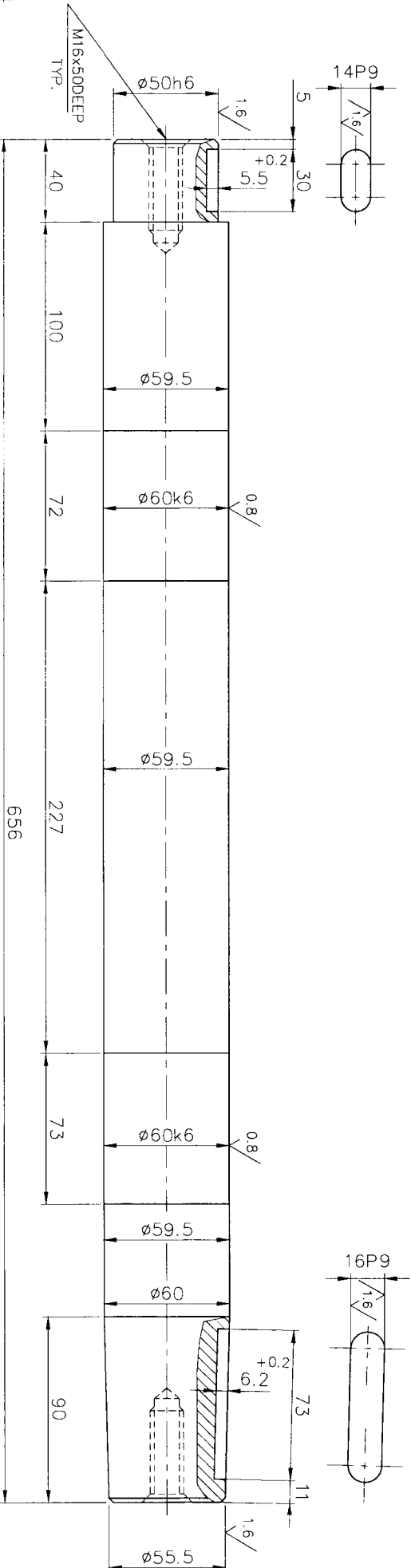
06551-60Q81-W-3

DRAWING NO.

ALL DIMENSIONS ARE IN MILLIMETRES

$\phi 50h6$	-0.000 -0.016	$\phi 60k6$	$+0.021$ $+0.002$	$14P9$ $16P9$	-0.018 -0.061
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3.2/1.6/0.8/



NOTE:
AVOID ALL SHARP CORNERS

CAUTION: THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

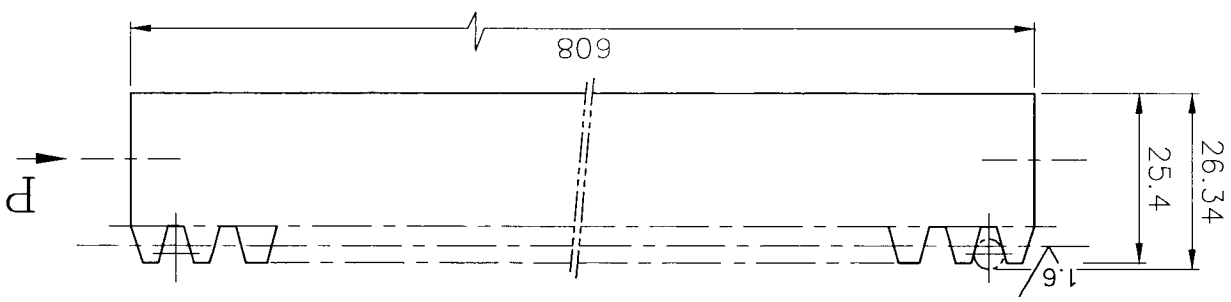
ITEM NO.		DESCRIPTION		DRAWING NO.		MATERIAL SPEC.		QTY	
ROD $\phi 63 \times 656L$								1	
EQUIP. CARBOTTOM FURNACE / LPG 20 TON / PRECISION									
DEPT. M&S		GRADE OF UNTOOL. DIM		SCALE		WEIGHT (KG)		CARD CODE	
CODE 2597		$\phi / M / f$ IS:2102		1:2		14.06		U 01	
TITLE		SHAFT $\phi 60 \times 656L$ (FD FAN)						DRAWING NO. : 3-M-18D09-15590	
REV		DATE		ALTERED		CHECKED		APPROVED	
ZONE									

Bharat Heavy Electricals Ltd		DRN		NAME		SIGNATURE		DATE	
HIGH PRESSURE BOILER PLANT		G.Ovindoraj		K.V.K. Moorthy		S. S. S. Moorthy		20.04.16	
TRUCHIRAPALLI - 620014		APPD		G. Thiruganjan		S. S. S. Moorthy		20.04.16	
		REF TO ASSY DWG NO							
		REF TO OLD DWG NO							

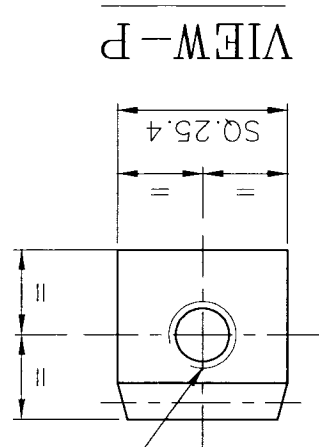
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ALL DIMENSIONS ARE IN MM

3.2/1.6



M10-55 DEEP
ON BOTH SIDES



NOTE:

SHARP CORNERS TO BE REMOVED
±2
HARDEN TO HRC.58

NO.OF TEETH	~(77)
MODULE	2.54
PRESSURE ANGLE	20°
AXIAL PITCH	7.97
ROLLER DIA.	4.5
ROLLER OVER DIA.	-0.080 26.34 -0.100
MATING GEAR NO. OF TEETH	20
MATING GEAR DRAWING NO.	4M12A2529542

No. of Pieces		DESCRIPTION		MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.	ITEM No.
X		S0.25.4x608 L		13N1.13Cr.3	IS: 4432	3.07		
REFERENCE:		DRN. S.Selvamanickam		CHED. R.Ramamoorthy		APPD. K.Ramagan		DATE 18.09.12
SCALE 1:1		MACHINE: CNC TUBE BENDING CNC		TYPE: PINES		DRAWING No.		REV.
TITLE: RACK		(REAR TUBE SUPPORT STAND ALIGNMENT)		Sheet No:		No. of Sheets:		



BEARING HOUSING

4-M-12B-20434

NO. OF SHEETS

SHEET NO.

DRAWING NO.

18

TITLE:

MACHINE INTERNAL CUT SCARFING

TYPE: FBI 30/76

INV. NO:

1:1

DATE

20-05-1981

STDS. OFFICER

APPROVED

CHECKED

DRAWN

REFERENCE

ALTERATIONS

DATE

SIGNATURE

INDEX

REMARKS

TOTAL NET WT (kg)

NO. OF

PIECES

DESCRIPTION

SEMI-PRODUCT

FINAL MATERIAL

INITIAL MATERIAL

SCRAP

NET WT (kg)

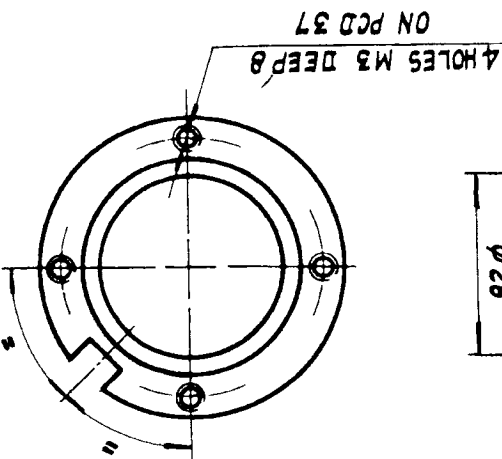
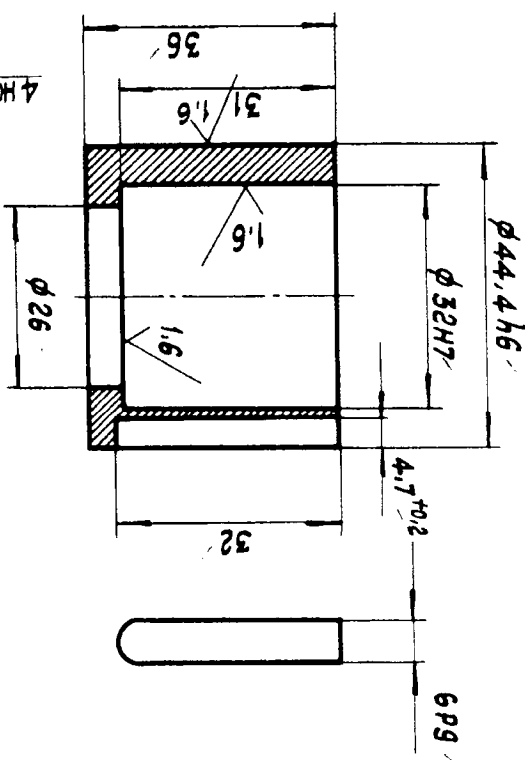
GROSS

DRAWING NO.

ITEM NO.

C 45
1512073

1-M-12B-1695 63



6P9	-0.042
32H7	+0.025
44.4h6	-0.016

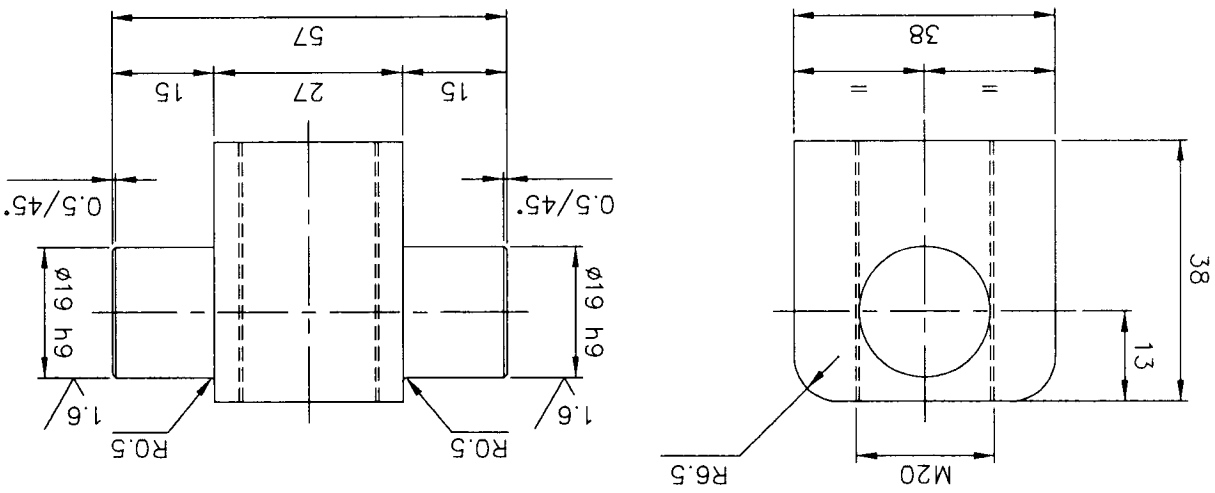
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BHARAT HEAVY ELECTRICALS LTD.,
TIRUCHIRAPPALLI-14

REV. 01 DRAWING No: No. of Sheets: 4										TITLE: MACHINE: PORTABLE END CUT SCARFING TYPE: FBE 38/76										TRUNNION										01 M 1 2 B 1 8 1 0 6 9 8 0 1 Sheet No:									
SCALE 1:2 DRAWN/TCD R. Narayanan CHECKED G. GOVINDARAJ APPROVED K. RAMANAN DATE 29.11.73/01.04.13										13N13Cr3 WAS BM-C30 01.04.13 K.R 01										01 M 1 2 B 1 8 1 0 6 9 8 0 1 Sheet No:																			
REFERENCE: DRG. No. SC-8000-004 ITEM. No.01 ALTERATIONS: DCN REF DATE SIGN. INDEX										13N13Cr3 IS: 4432 0.35										1M12B1801695																			
DESCRIPTION MATERIAL STANDARD NET.WT.IN KGS. DRAWING No. ITEM No.										13N13Cr3 IS: 4432 0.35										1M12B1700671																			
01 M 1 2 B 1 8 1 0 6 9 8 0 1 Sheet No:										13N13Cr3 IS: 4432 0.35										1M12B1801695																			

NOTE: -

01. HARDENED TO HRC 58 ±2

02. CASE DEPTH 0.8mm



3.2/1.6	0.000	0.052
1.6	0.000	0.052

ALL DIMENSIONS ARE IN MM

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4-M. 128-22525

NO. OF SHEETS	SHEET NO.
1	1
2	2
3	3
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98	98
99	99
100	100

18
SHEET NO.

MACHINE PIPE CHAMFERING.

TYPE: FBI 38/76

ON, ANI

98 - 20 - 22

DATE _____

9TDS, OFFICER

APPROVED

CHECKED

DRAWN

REFERENCE

ALTERATIONS

DATE _____

INDEX

TOTAL NET WT (KG)

REMARKS

530

DESCRIPTION

SEMI-PRODUCT

FINAL MATERIAL

REF ID: A66142

SHORT

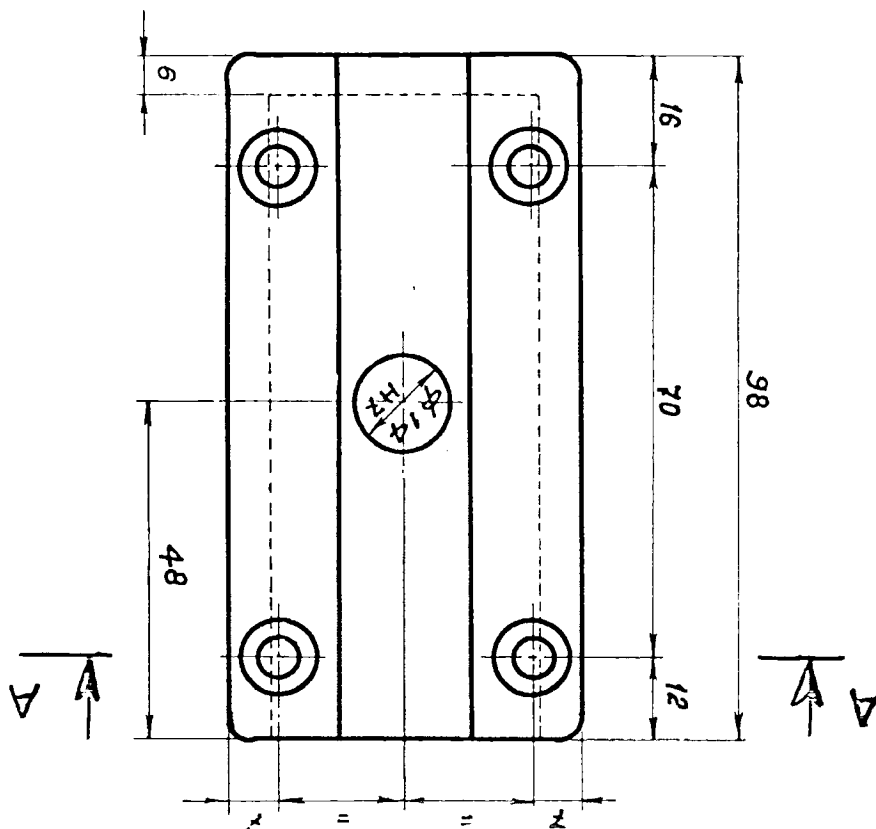
(24) A
CROSS

DRAWING NO.

WILL
CN

6302 51

05.2

[illegible]

000'0+	2H 71 ϕ
810'0+	
000'0+	2H 9 ϕ
210'0+	

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CAUTION

TIRUCHIRAPALLI-14

WITHOUT THE WRITTEN PERMISSION OF

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TIRUCHIRAPPALLI-14

HAND WHEEL

TITLE :

DRAWING NO.

4-M-126-10680

SHEET NO :

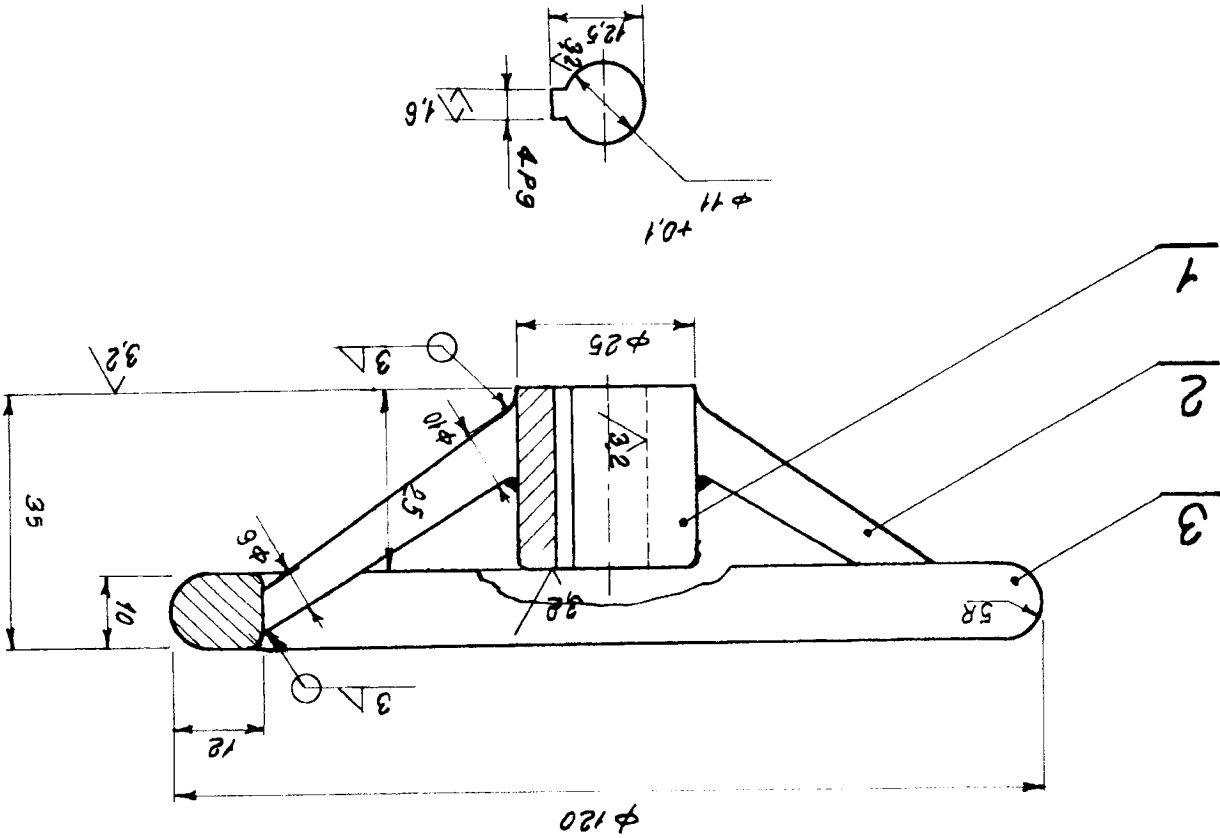
NO. OF SHEETS :

MACHINE PORTABLE END CUT SCARPING

TYPE: FBE 38/76

DATE	27-11-73	ITEM NO. 7	001
STDS. OFFICER		SC-8000-	
APPROVED BY		DRG. NO	
CHECKED BY		REFERENCE	
DRAWN BY		ALTERNATIONS	
SCALE	1:1	DATE	
		SIGNATURE	
		INDEX	

NO. OF PIECES	DESCRIPTION	SEMI-PRODUCT	FINAL MATERIAL	INITIAL MATERIAL	SCRAP SORT	NET W(kg)	GROSS W(kg)	DRAWING NO.	ITEM NO.
1	FLANGE	BM-C20						3-M-126-10680	9
3	RIB	BM-C20							1
1	BOSS	BM-C20							2
									3



CAUTION
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AND SHOULD NOT BE USED IN ANY FORM
FOR ANY OTHER PURPOSE WITHOUT THE
WRITTEN PERMISSION OF
BHARAT HEAVY ELECTRICALS LTD.,
TIRUCHIRAPPALLI-14.

4.9 -0.012
-0.042

~ / 4.6 / 3.2

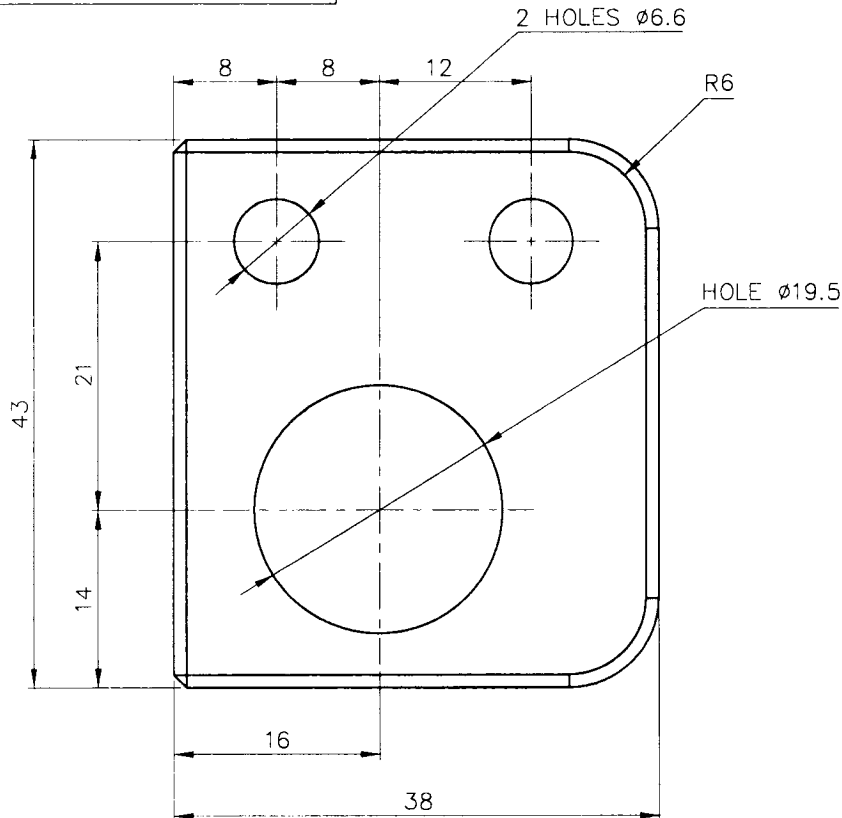
A3-SIZE

A3-SIZE

ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED
		CHECKED
		APPROVED
ZONE		

3.2//1.6



NOTE: SHARP CORNERS TO BE REMOVED
 ± 0.2
 HARDENED TO HRC.25-28

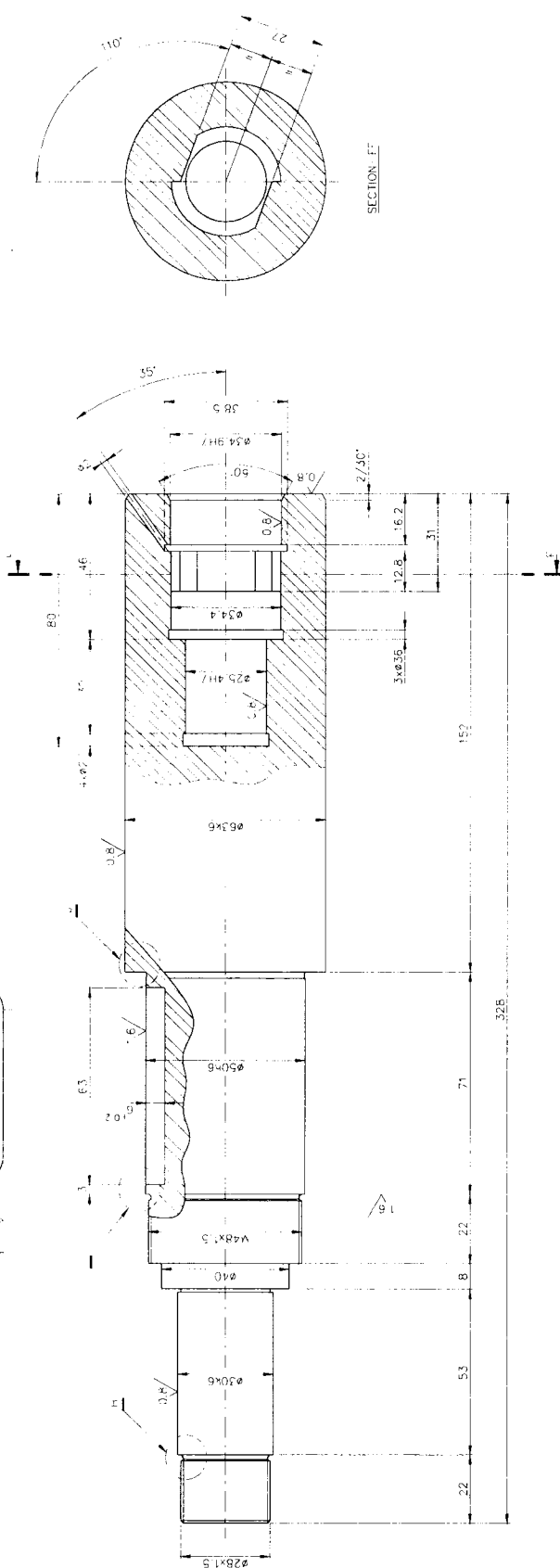
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1	Pl.43x38x4.5		EN-8	0.06		
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT		
			MATL SPEC	QTY		
EQPT: PORTABLE END SCARFER WITH SPARES PORTABLE INSERT SCARFER WITH SPARES/WEST COAST						
 Bharat Heavy Electricals Ltd HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014		DRN	NAME TCD.S.SELVAMANICKAM	SIGNATURE <i>S. Selvamanickam</i>	DATE 05.05.15	
		CHD	G.GOVINDARAJ	<i>G. Govindaraj</i>	06.05.15	
		APPD	G.THAGARAJAN	<i>G. Thiagarajan</i>	07.05.15	
DEPT M&S	GRADE OF UNTOL. DIM ✓ ϕ/M/F		SCALE 2:1	WEIGHT (Kg) 0.06	REF TO ASSY DWG NO REF.DRG.NO.ECS-ND2-01-3B	ITEM
CODE 2597	IS: 2102				REF TO OLD DWG NO	
TITLE TRUNNION SUPPORT PLATE (MAIN ASSY.)				CARD CODE U 01	DRAWING NO : 4-M-12B47-29876	REV 00

A4-SIZE

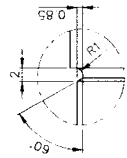
2.2/16/08/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/

$\phi 45 \times 6$	-L 000	$\phi 5$ P9	-0.018	$\phi 25.4 H$	-0.021
	-0.019		-0.06		-0.060
$\phi 50 \times 6$	+0.015	$\phi 5.5 k 6$	+0.021	$\phi 34.9 H$	+0.025
	-0.002		+0.062		-0.009

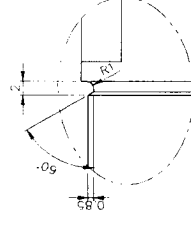


SECTION 55

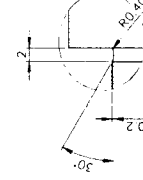
NOTE: SHARP CORNERS TO BE REMOVED
HARDENED TO HRC 58-62
CASE DEPTH 1mm (0.125mm)
SPARK SPINDLE NOSE BEFORE HARDENING



DETAIL-H



DEFINITION 1.1.



DETAIL "

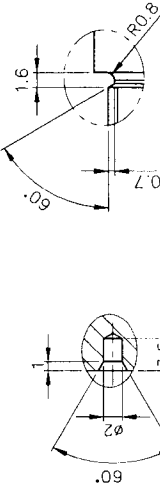
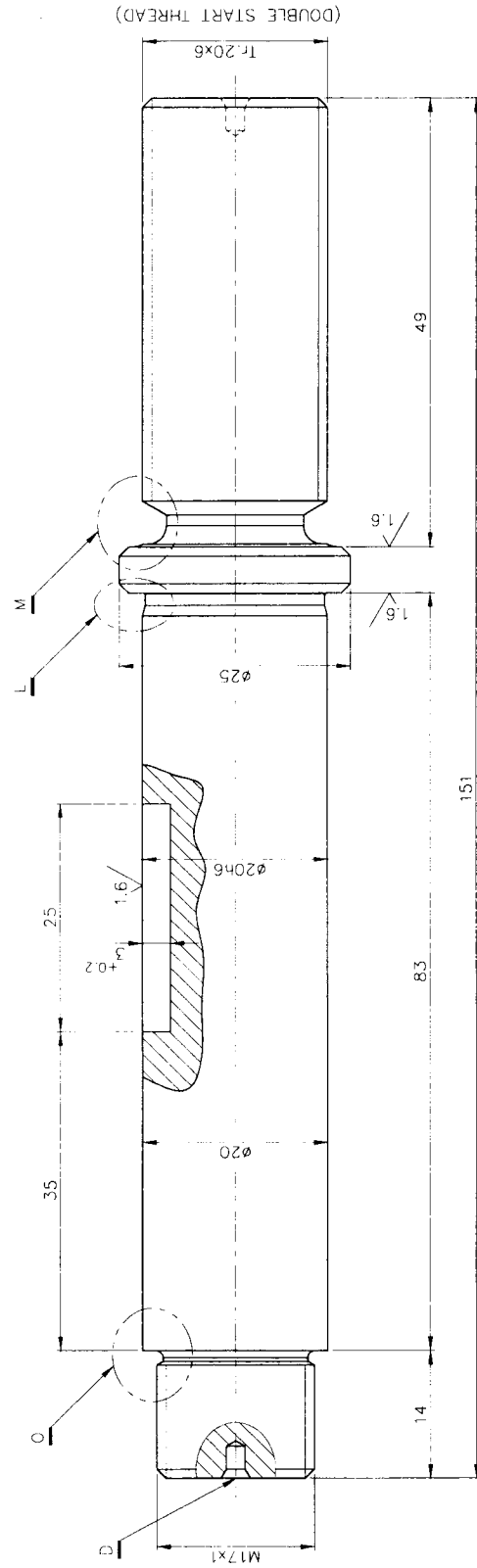
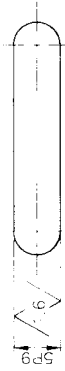
[illegible]

ALL DIMENSIONS ARE IN MILLIMETRES

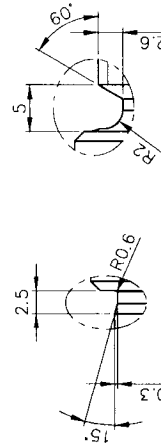
DRAWING NO.
3-M-12B47-15580

±0.013	5P9	-0.012
±0.012		-0.012

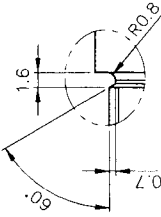
3.2 / 1.6



DETAIL-D



DETAIL-M



DETAIL-L

NOTE:

SHARP CORNERS TO BE REMOVED

MATING FEED NUT REF.DRG.NO.X-XXXX-XXXX

ITEM NO.	ROD 25x151	DESCRIPTION	DRAWING NO.	EN-24	MATL CODE	UNIT WT	QTY
DEPT CODE	M&S	GRADE OF UNTOOL DIM	SCALE	WEIGHT (KG)	REF TO ASSY DWG NO	REF TO OLD DWG NO	ITEM
DATE	25/7/02	φ/M/F	2:1	0.49	REF.DRG.NO.02-05		
REV	DATE	ALTERED	CHECKED	APPROVED			
ZONE							
FEED SCREW ROD (FEED GEAR ASSY.)				DRAWING NO : 3-M-12B47-15580			
REV				00			
A3-SIZE							

NAME	SIGNATURE	DATE
TOD.S.SELVAMANICKAM	S. Selvamani	06.05.15
G.GOVINDARAJ	G. Govindaraj	07.05.15
G.THIRAPALLI	G. Thirapalli	08.05.15

EQPT. PORTABLE END SCARFER WITH SPARES PORTABLE INSERT SCARFER WITH SPARES WEST COAST

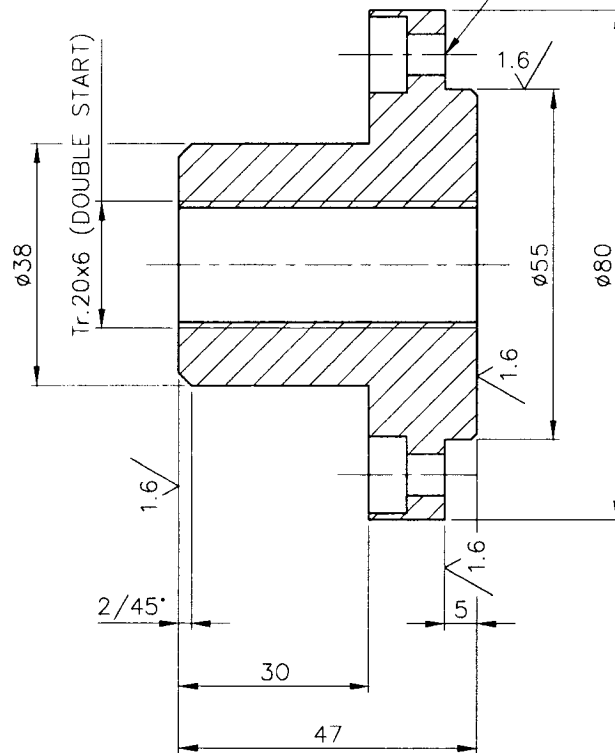
Bharat Heavy Electricals Ltd
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

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ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED
		CHECKED
		APPROVED
ZONE		

3.2//1.6/

6 HOLES $\phi 6.5$ CBR12-6 DEEP
ON PCD66

NOTE:

SHARP CORNERS TO BE REMOVED

MATING FEED SCREW ROD REF.DRG.NO.X-XXXX-XXXXX

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PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED.IT
MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY
WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

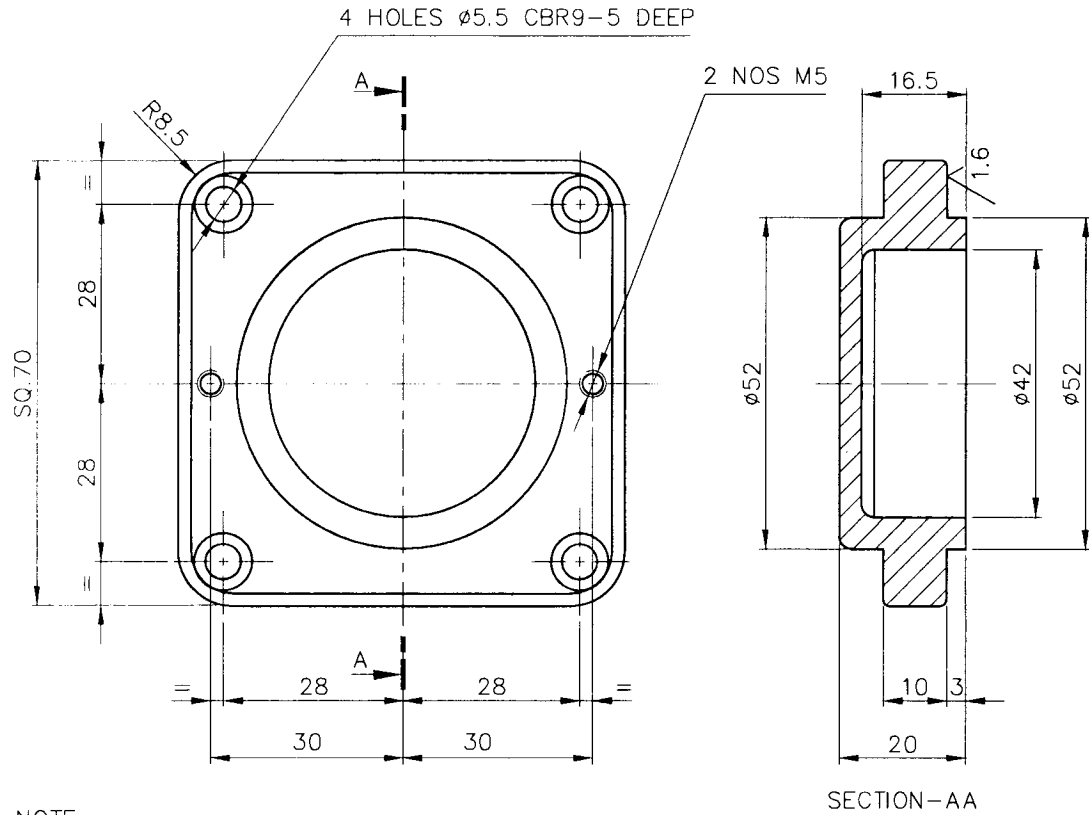
1	ROD $\phi 80 \times 47$		IS: 28	0.81
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY
EQPT: PORTABLE END SCARFER WITH SPARES PORTABLE INSERT SCARFER WITH SPARES/WEST COAST				
 Bharat Heavy Electricals Ltd HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014		DRN	NAME	SIGNATURE
		CHD	TCD.S.SELVAMANICKAM	<i>S. Selvamani</i>
		APPD	G.GOVINDARAJ	<i>G. Govindaraj</i>
			G.THIAGARAJAN	<i>G. Thiagarajan</i>
DEPT	GRADE OF UNTOOL DIM	SCALE	WEIGHT (Kg)	DATE
M&S	$\phi / M / F$	1:1	0.81	07.05.15
CDDE	IS: 2102			08.05.15
2597				09.05.15
TITLE		REF TO ASSY DWG NO		ITEM
FEED NUT Tr.20x6Px47L		REF.DRG.NO.ECS-ND2-02-09		
(FEED GEAR BOX ASSY.)		REF TO OLD DWG NO		
		DRAWING NO :		REV
		4-M-12B47-29880		00
		CARD CODE		
		U 01		

A4-SIZE

ALL DIMENSIONS ARE IN MM

REV	DATE	ALTERED
		CHECKED
		APPROVED
ZONE		

3.2/1.6



NOTE:

SHARP CORNERS TO BE REMOVED

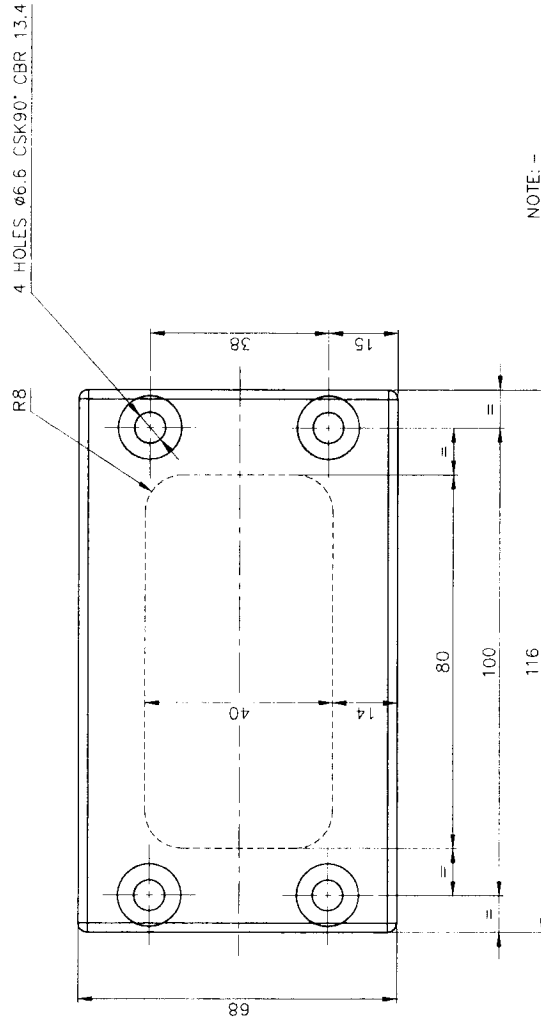
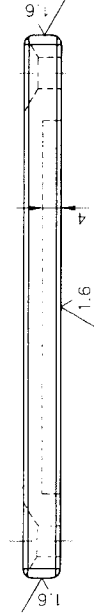
CAUTION: THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

1	PL 70x70x20	IS: 210		0.52			
		FG 220		1			
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE		UNIT WT		
			MATL SPEC		QTY		
EQPT: PORTABLE END SCARFER WITH SPARES PORTABLE INSERT SCARFER WITH SPARES/WEST COAST							
	Bharat Heavy Electricals Ltd HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014		DRN	NAME TCD.S.SELVAMANICKAM	SIGNATURE <i>S. Selvamani</i>	DATE 05.05.15	
			CHD	G.GOVINDARAJ	<i>S. Govindaraj</i>	06.05.15	
			APPD	G.THIAGARAJAN	<i>S. Thiagarajan</i>	07.05.15	
DEPT M&S	GRADE OF UNTOL. DIM Ø / M / IF IS. 2102		SCALE 1:1	WEIGHT (Kg) D.52	REF TO ASSY DWG NO REF.DRG.ND.ECS-ND-02-03		ITEM
CODE 2597					REF TO OLD DWG NO		
TITLE GEAR BOX HOUSING BACK COVER (FEED GEAR BOX ASSY.)			CARD CODE U 01	DRAWING NO : 4-M-12B47-29878		REV 00	

A4-SIZE

DRAWING NO: 3-M-12B47-15579

3.2 / 1.6



NOTE: -

1. SHARP CORNERS TO BE REMOVED

REV	DATE	ALTERED CHECKED APPROVED	ZONE
CAUTION: THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.			
PI.116x68x8		IS: 2004 0.49	
ITEM NO	DESCRIPTION	DRAWING NO	UNIT WT
			QTY
EQPT: PORTABLE END SCARFER WITH SPARES PORTALE INSERT SCARFER WITH SPARES /WEST COAST			
		DATE 05.05.15	
Bharat Heavy Electricals Ltd HIGH PRESSURE BOILER PLANT TIRUCHIRAPALLI - 620014		SIGNATURE S. Selvamaniyam S. Sundaraj S. Thangarajan	
DEPT	GRADE OF UNTL DIM	WEIGHT (Kg)	ITEM
M&S	SCALE 1:1	REF TO ASSY DWG NO	REF TO OLD DWG NO
2587	 $\phi/M/f$ 15/202	0.49	02-02
TITLE		DRAWING NO :	
FEED GEAR BOX HOUSING CAP		3-M-12B47-15579	
(MAIN ASSY.)		CARD CODE	REV
		U 01	00

A3-SIZE

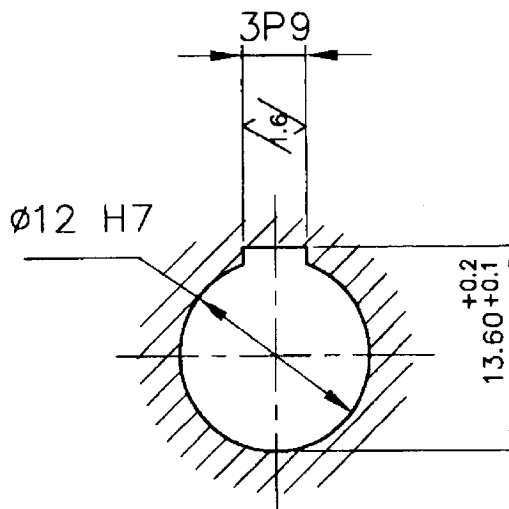
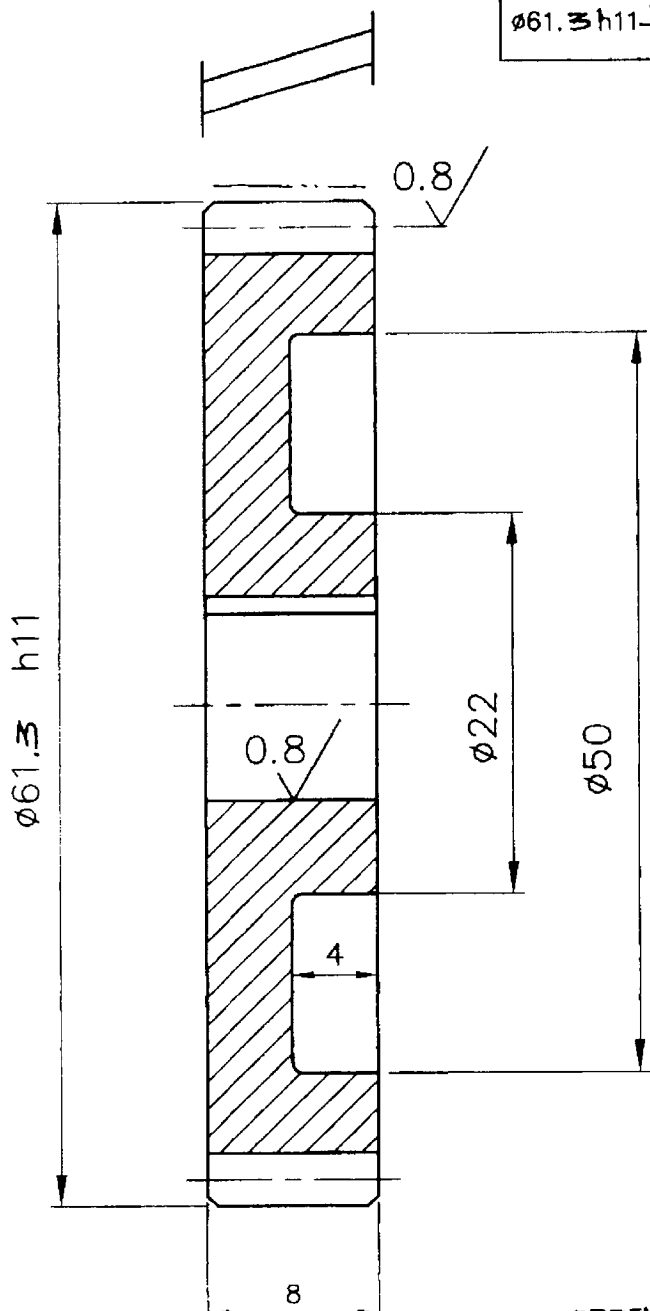
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CAUTION:

ALL DIMENSIONS ARE IN MM

ø12 H7	+0.015	3 P9	-0.009
	+0.000		-0.034
ø61.3 h11	-0.000		
	-0.190		

3.2/1.6/0.8/



NO.OF TEETH	56
MODULE	1
PRESSURE ANGLE	20°
HELIX ANGLE	21°
HAND OF HELIX	LH
WIDTH ACROSS 8 TEETH	22.77
CORRECTION FACTOR	-0.5
QLTY.&TOL.ZONE	8e DIN 3967
MATING GEAR NO.OF TEETH	11
MATING GEAR DRAWING NO:	4-M-03A-26249
CENTRE DISTANCE	36.1

X		ø61.3 x 8t		13Ni 13Cr 3	IS: 4432	0.18			
No. of Pieces	DESCRIPTION			MATERIAL	STANDARD	NET.WT.IN KGS.		DRAWING No.	
REFERENCE: (2nd STAGE)				COMPONENT CODE: 09		EQUIPMENT CODE: 18			
PART NO.060826				ALTERATIONS:		DCN REF	DATE	SIGN.	INDEX
SCALE	DRAWN	R.Narayanan							
NTS	CHECKED	R. Ramamurthy							
	APPROVED	[Signature]							
	DATE	07.08.98							
MACHINE: PORTABLE BAND SAW					TYPE: HRB 1140				
TITLE: HELICAL GEAR					DRAWING No: 18				
(OD 61.3 x 56T)					4-M-03A-26246				
No. of Sheets:					Sheet No:				

MM: CP & SP

Annexure For Techno Commercial Bid

Check List - to be filled and submitted along with Technical Bid

BHEL Commercial Terms and Conditions for Indigenous Supplies	Vendor's Confirmation / Comments
Technical confirmation to BHEL's Specification as called for in BHEL Format shall be furnished. If needed additional sheets shall be used.	
Prices shall be quoted item wise only as per the model format enclosed	
Prices shall be quoted on " FIRM PRICE " basis only The prices should be only on F.O.R / Despatching station basis with Packing & Forwarding charges if any. Applicable % of ED & Sales Tax, Freight & Insurance, Installation & Commissioning Charges should be clearly Indicated	
Validity of offer shall be for a minimum period of 120 days from the date of Tender opening	
Delivery period from the date of Letter of Intent / Purchase order shall be clearly mentioned in the offer	
Liquidated damages @ '0.5% per week subject to a maximum of 10% of the order value shall be applicable for delay in deliveries For Details Refer Annexure- v	
Following Risk Purchase clause shall be applicable The purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated or if the same were not available, the best and the nearest available substitute therefore The supplier shall be liable for any loss which the Purchaser may sustain by reason of such risk purchases	
Payment term for supply portion: Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials For details Refer Annexure- v	
Erection / commissioning: (if applicable only) Erection / commissioning charges if any has been mentioned in the offer or else confirmation that Erection /commissioning shall be done at free of cost is available in the offer,	
The equipment shall be guaranteed for a period of 12 months from the date of commissioning	
Final inspection and acceptance of equipment will be after installation at BHEL, Trichy	
The vendor shall provide necessary drawings, Test Certificates and Operating Maintenance Manuals etc., as called for in the Technical Specification, in the required number of copies at no extra cost	
Any warranty replacement during warranty period shall be supplied free of charge on FOR BHEL, Trichy basis.	
Confirm MSE vendor or not (Incase of MSE vendor necessary documentary proof shall be furnished as per Annexure VI)	
% of Excise Duty with cess	
% of TAX (CST/VAT)-(INGST with FORM-17 or CST with C-FORM)	
Packing & Forwarding Charges (if any in % only)	
Percentage of Freight& transit insurance charges, if any Freight charges from Dispatching station to BHEL, Tiruchirappalli • Supplier should quote for F.O.R-BHEL Trichy Stores.	
As per Commercial terms and conditions, acceptance for participation in Reverse auction (RA).Yes/No to be indicated	
Name of the person for participating reverse auction	
Land Line Number	
Fax Number	
Mobile Number	
E-mail ID	

NOTE:-

- It is confirmed that all the terms and conditions stipulated in the Enquiry have been fully understood by us and all clarifications & details have been obtained.
- Your offer should be indicating applicable if any P&F Charges, % of ED, Sales Tax -CST or VAT, Service Tax), Freight, Insurance and Installation and Commissioning Charges etc., as per our Price Format
- Your specific acceptance to our Payment terms, LD & Risk Purchase Clause are essential for consideration of your offer. Other wise your offer is liable for rejection.
- No row shall be left blank. Please indicate NA, in case the item is "not applicable"

Annexure For Price Bid

Bharat Heavy Electricals Limited TIRUCHIRAPPALLI CAPITAL PURCHASE
MODEL PRICE BID FORMAT FOR INDIAN BIDDERS Annexure-IV

Enquiry No. & Date:
Bidder's Offer No. & Date:

Sl No	Description of item	Unit	Quantity	Rate in Rs.	Value in Rs.
	TOTAL VALUE IN RS.				
	Packing & Forwarding charges in % if any				
	Freight& Insurance Charges In % if freight charges are not mentioned it will be considered as FOR-BHEL TRICHY.				
	Excise Duty (indicate in %)				
	A) TNGST — VAT (%)				
	B) CST with C-FORM — (%)				
	C) CST without C-Form — (%)				
	Approximate Net weight of the total consignment				
	Approximate Gross weight of the total consignment				
	Approximate Dimensions of the Consignment				
	The price indicated shall be inclusive of all accessories, spares etc. as given in the scope of supply. Individual item-wise break-up price shall be attached as an annexure to this price bid format.				

Signature & Seal of Vendor

NOTE:

1. The price bid should be submitted only as per the above format. No row shall be left blank. Please indicate NA, in case the item is "not applicable".
2. Prices shall be quoted item-wise only as per the above format.
3. If Price quoted is Inclusive of ED, the included ED Value and Base Value shall be indicated item-wise.

Payment Term (Indigenous)	
If materials are receivable at Stores/Trichy without PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials.
If materials are receivable at Stores/Trichy <u>with</u> PBG	Payment term is 100% direct payment after 45 days from the date of receipt and acceptance of materials and against 10% PBG valid for the warranty period.
Any deviation in the above payment term will attract loading as mentioned below. “Base rate of SBI (as applicable on the date of bid opening. Techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidders.	

Offers of indigenous Suppliers with any other Payment terms will be rejected.
If offer is received from both OEM/Manufacturer and authorized dealers or agent , then OEM/Manufacturer offer will only be considered and dealers or agent offer will be ignored.

Liquidated Damages / Penalty -

The delivery of the goods specified in the purchase order should be made within the time prescribed. LD for delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. LD will be considered separately for 'Delivery' and 'E&C'. Where the seller supplies or dispatches the goods, beyond the delivery period Liquidated damages shall be applicable 0.5% of the total order value per week or part thereof subject to a maximum of 10% of the total order value.

Material Despatched after Due date: Once the delivery due date is crossed, bills have to be clubbed till final despatch and forwarded for processing of payment as a single bunch. LD percentage will be calculated from Delivery due date to final despatch date.

The rate of LD for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply + E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C).

For staggered delivery schedule, LD shall be 0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the total order value.

Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).

For the purpose of Imposing LD, the FOB delivery (B/L date) shall be considered.

Guarantee / Warranty Period – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

Ranking-

BHEL will consider the ranking after the loading is applied as referred above wherever deviations are observed.

Performance Bank Guarantee – (if applicable)

Normally No deviation permitted and the deviated offers are liable for rejection.

Fraud prevention clause: The bidder along with its associate/collaborator/sub-contractor/sub-vendor/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.

NOTE:- 1. If the due date of tender opening happens to be a holiday, the tenders will be opened on the next working day.

2. BHEL reserves the right to go for a reverse auction (RA) instead of opening the submitted bid which will be decided after technical evaluation. Information and general terms and conditions covering RA are given in commercial terms and conditions.

3. Corrigendum if any, with respect to this tender will be hosted only in the website <http://www.bhel.com> or <http://tenders.gov.in>. You are requested to visit the website regularly for updates.

Special Provisions for Micro and Small Enterprises (MSE)

1. 20% of the tendered quantity is earmarked for MSE suppliers in this tender.
2. Out of the 20% tendered quantity reserved for MSE suppliers, 4% shall be earmarked for procurement from MSE owned by SC/ST entrepreneurs.
Such Micro/Small Enterprises registered vendors must state the sub-category to which they belong and submit documentary proof for the same. The sub-categories are:
 - (a) Enterprises owned by Scheduled Castes.
 - (b) Enterprises owned by Scheduled Tribes.
 - (c) Enterprises owned by other than above two categories

The enterprises under (a) & (b) means the proprietor in case of single owned firm and all partners in case of partnership firm and all directors in case of private/public limited must belong to SC/ST category.
3. In case MSE vendor participating in the tender quotes within the price band of L1+15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately.
4. "MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM II certificate along with attested copy of a CA certificate (Format enclosed at Annexure -VII where deemed validity of EM II certificate of five Years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part I in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted officer."

Certificate by Chartered Accountant

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

Further verified from the Books of Accounts that the investment of the company as on date 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.5.0.1722(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

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

Date:

(Signature)

Name -

Membership Number -

Seal of Chartered Accountant

DSC GUIDELINES:

It should be DSC (Digital Signature Certificate) (**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)

For Dsc GUIDELINES & steps regarding procurement & further tasks to be done to submit offer as follows:

The Requirement :

1. A PC with Internet connectivity.
2. DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT-WITH BOTH SIGNING & ENCRYPTION COMPONENT SEPARATELY**)
3. JRE 1.6 must be installed in your system.

The process of utilizing e-procurement necessitates usage of **DSC (Digital Signature Certificate)(Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION)** and you are requested to procure the same immediately, if not presently available with you. Please note that only with DSC, you will be able to login the e-procurement secured site and take part in the tendering process.

The contact details of the DSC Certifying Authority as given below

1 e-Mudhra	http://www.e-Mudhra.com	5 NIC	www.safescrypt.com
2 GNFC	www.ncodesolutions.com	6 Safescrypt	www.safescrypt.com
3 IDRBT	www.idrbtca.org.in	7 TCS	www.tcs-ca.tcs.co.in
4 MTNLTrustline	www.mtnltrustline.com		

(Other)DSC Contact details:

Ms. Solly (M/s. R3 eConsulting Pvt Ltd)

Mobile : 9444841015

Tel Nos. 044 2815 2670 / 72 / 4207 0906

Email : chennai@sgs-ds.com,

soy@saspartners.com

chennai@saspartners.com

We have finalized the e-procurement service Provider as,

M/s m Junction services Limited, Kolkata

Godrej Water Side, 3rd Floor, Tower-1, Plot-V, Block - DP

Sector - V, Salt Lake , Kolkata-700091, West Bengal , INDIA

Please get in touch at below numbers for any issues related to bid submission in EPS.

SL	NAME	e-Mail ID	Land Ph No	ROLE
1	Mr. P Peter Raj -	'peter.raj@mjunction.in'	09942069052 Landline : 033 – 66106217 / 6013 / 6426 / 6176 / 6046 (From 9:30am to 5:30pm)	
2	HELP DESK	eps.customercare@mjunction.in	033-66106426/6217/6013/6046/6176 9163348283/9163348284/9163348285 /9163348286/8584008116 (From 5:30pm to 8:30pm)	
3	Mr. Harish Kumar Ramu	harish.ramu@mjunction.in	- Cell No 09840704941	
4.	DHANARAJ.P	p.dhanaraj@mjunction.in <u>panneer.dhanaraj@mjunction.in;</u>	(+91) 9500199108, (+91) 9282403700	Customer Relationship Mgr
5	Saumendu Neogi	saumendu.neogi@mjunction.in	(+91) 9163348205	PROJECT MANAGER

After procurement of Digital Certificate kindly follow the process below **for properly login into the BHEL EPS portal.**

1. Please install JRE 1.6 and your Digital Certificates (Class 3) for sign in and encryption.
2. Please install net meeting software like TeamViewer (www.teamviewer.com) for online support.
3. You are required to login to <https://bheleps.buyjunction.in> and click **Sign in**
4. Key in your login code and password and click **Enter**
5. System will ask you to change password,
6. Again login with new password
7. System will show sign in certificate, Select your sign in certificate and click **OK**
8. You will be logged out automatically
9. Contact Buyer for certificate approval
10. After your certificate is approved by Buyer, login again with login code and new password
11. Select Digital certificate
12. On the top right hand margin you will find "**Digital Certificate**" Click on "**Digital Certificate**"
13. Select "**For Encryption**" Radio button if you have **2048** bit certificate. Else you select "**Both**" Radio button if you have **1024** bit certificate.
14. System will display your encryption certificate, Select the same
15. New window will appear showing thumbprint of certificate, Click "**CLOSE**"
16. Then Click "Exit"

Now follow the steps for submission of the tender.

Go to "**TENDERS**" and then click on then "**VIEW**" button. Than select status as "**OPEN FOR QUOTATION SUBMISSION**" and click on the "**ENTER**" button. This will display all the eligible RFQs and then you can click on the relevant RFQ to view all the RFQ details.

- After clicking on the RFQ you would be able to see the RFQ details.
- To view all the items attached to the RFQ, you can click on "**VIEW ITEMS**" button. By clicking on "**BACK**" you can go back to the RFQ header. Now you need to click on "**Response to RFQ/NIT**".
- You will be landed to the RFQ/NIT details page where you will be able to see the Item details..
- To go back to the RFQ you have to click on the "**BACK TO RFQ**" button.
- To respond to the RFQ you have to click on "**RESPOND TO RFQ/NIT**" button and you will be taken to the Terms And Condition page.
- To participate in the RFQ you have to choose the first option (i.e "**I have understood the RFQ/NIT in full and agree to submit quotation for the same on behalf of my organization**") and click on "**ENTER**" button.
- You will be then taken to the **ADD QUOTATION** page where you have to click on "**ADD QUOTATION**" and fill in the relevant bid details.
- You will be taken to the techno-commercial page where you have to fill the relevant fields.
- To add any techno-commercial documents you have to click on "**ADD ATTACHMENT**" button than you have to click on the "ADD ROW" button.
- Then insert **LABEL** name, **FILE** Name and then attach the required file by clicking on the BROWSE option. Now click on the "**SIGN FILE**" button, now the system will ask for the encryption DSC and after successful verification you have to click on "**ATTACH/DETACH**" button for successful file attachment.
- Then click on "**GO TO HEADER**" button to go back to RFQ Header.
- The system will again ask for the Certificate and after successful verification you will be landed to the techno-commercial page.
- After successful verification of the certificate you have to click on "**SAVE AND GOTO ITEMS**" button to put the basic price for the items.
- Again the system will ask for DSC and you have to select you DSC.
- You have to put the basic price in the basic price column and then Click on the "**SAVE AND GOTO HEADER**" button
- Again the system will ask for DSC and you have to select you DSC.
- To submit the quotation click on "**SUBMIT QUOTATION**" button
- After successful verification of DSC, you can submit your quotation by clicking on the "**CONFIRM**" button.

After successful submission of your quotation the system will show that your quotation has been submitted successfully.

You are requested to submit the bid well before the due date to avoid the last minute issues.

Please download the Supplier Manual from the below link

https://bheleps.buyjunction.in/BOEPS/html/Standard%20Documents/BHEL_Supplier%20Manual.pdf?OWASP_CSRFTOKEN=NXKI-NQ4W-2YMN-OJIA-0X2D-O3AW-CLN0-R2NX