



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	2661700031(OPEN TENDER)	POLICY	
CODE/ENQUIRY NO		RFQ OWNER/NIT	MR ARUNACHALAM T(AE1/PUR)
NUMBER OF ITEMS ALREADY	8	OFFICER/ENQUIRY OWNER	
ATTACHED			
CURRENCY	INR - INDIAN RUPEE		
DESCRIPTION	Machining spares for machines		
DETAILED DESCRIPTION	Machining spares for machines		
NUMBER OF BID PART(S)	2	PUBLISHED DATE	10 Jan , 2017 3:38:29 PM

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 4 MONTHS FROM THE DATE OF OFFER
Inspection	BHEL works
Pre-Bid meeting date	2017-01-30 00:00:00.0

DATE-TIME DETAIL(S)

BID START DATE	10 Jan , 2017 2:55:10 PM	BID DUE DATE	4 Feb , 2017 2:00:00 PM
BID OPEN DATE	4 Feb , 2017 2:30:00 PM		
(SCHEDULED)			

PRE-BID DISCUSSION DETAILS

PRE-BID DISCUSSION TYPE NOT REQUIRED

ALTERNATE BID DECRYPTOR(S)

USER DETAILS
MR B. SANJEEVI (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 throughte-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.in.Submit 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

SL. NO.	CODE	DESCRIPTION	QUANTITY	RFQ/NIT U.O.M	OFFER U.O.M
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TRICHY, BHEL, TRICHY, POSTAL CODE :620014, TIRUCHIRAPALLI, TAMIL NADU, INDIA

10	7519A1500300	SCREW CONVEYOR (RH) AS PER DRG. NO. 2-M-19A15-04340. The screw conveyor is to be fabricated and matched as per given BHEL drawing and deliver as detached at section "B" (the middle portion). Hence one screw conveyor shall be supplied as two parts. VENDOR QUALIFYING CRITERIA: Only those vendors who satisfy the following conditions will get qualified to participate in the tender: 1. Vendor should have minimum 2 years of experience in this field. 2. Previous PO details for supplying similar kind of items to BHEL and/or any other Organisation should be submitted along with offer. Otherwise offer will be rejected. 3. Company profile details has to be provided along with offer. 4. BHEL may visit the vendor's works for verifying the manufacturing facilities and any other credential furnished by the vendor. In case the information furnished with the offers found to be false / incorrect, the offer shall be rejected. SCREW CONVEYOR (RH) 2M-19A-15-04340	03.00	NUMBER	NUMBER
ATTRIBUTE DETAILS		ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL CODE:	7519A1500300		
		MATERIAL GROUP:	75MECHSPR		
		KILOGRAM PER UNIT:	0.0		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	23-FEB-2017		
		Delivery Qty (i) :	3		
20	7519A0701500	WORM SHAFT DIA 57 x 430L AS PER DRG. NO. 2-M-19A07-05286 WORM SHAFT 2-M-19A07-05286	01.00	NUMBER	NUMBER
ATTRIBUTE DETAILS		ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL CODE:	7519A0701500		
		MATERIAL GROUP:	75MECHSPR		
		KILOGRAM PER UNIT:	5.58		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	23-FEB-2017		
		Delivery Qty (i) :	1		
30	7519A0701600	WORM WHEEL DIA 172 x 25T x 57 AS PER DRG. NO. 3-M-19A07-15432 WORM WHEEL 3-M-19A07-15432	02.00	NUMBER	NUMBER
ATTRIBUTE DETAILS		ATTRIBUTE NAME	ATTRIBUTE VALUE		
		MATERIAL CODE:	7519A0701600		
		MATERIAL GROUP:	75MECHSPR		
		KILOGRAM PER UNIT:	7.36		
		Cenvatable (Yes / No)	Yes		
		Delivery Location	TAMIL NADU		
		Vatable (Yes / No)	Yes		
		Delivery Date (i) :	23-FEB-2017		
		Delivery Qty (i) :	2		
40	7519A0700600	SPROCKET WHEEL (DIA. 116 x 13T) AS PER DRG NO 4-M-19A07-28572 SPROCKET WHEEL 4M 19A 07 28572	02.00	NUMBER	NUMBER





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

	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		7519A0700600	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		1.0	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		23-FEB-2017	
		Delivery Qty (i) :		2	
50	7519A1701700	SPRACKET WHEEL 26T / DIA. 220.24 AS PER DRG:4-M-19A17-29279SPRACKET WHEEL - 4M-19A-17-29279		06.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		7519A1701700	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		5.45	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		23-FEB-2017	
		Delivery Qty (i) :		6	
60	7519A0701400	SPINNER SHAFT AS PER DRG. NO. 3-M-19A07-15203.SPINNER SHAFT 3-M-19A07-15203		02.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		7519A0701400	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		4.64	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		23-FEB-2017	
		Delivery Qty (i) :		2	
70	7519A1502700	EYE HOOK AS PER DRG. NO. 4-M-19A15-27355-01EYE HOOK 4-M-19A15-27355-01		03.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		7519A1502700	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		0.98	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		23-FEB-2017	
		Delivery Qty (i) :		3	
80	7519A1502900	HUB AS PER DRG. NO. 4-M-19A15-27361HUB 4-M-19A15-27361		06.00	NUMBER
	ATTRIBUTE DETAILS	ATTRIBUTE NAME		ATTRIBUTE VALUE	
		MATERIAL CODE:		7519A1502900	
		MATERIAL GROUP:		75MECHSPR	
		KILOGRAM PER UNIT:		2.75	
		Cenvatable (Yes / No)		Yes	
		Delivery Location		TAMIL NADU	
		Vatable (Yes / No)		Yes	
		Delivery Date (i) :		23-FEB-2017	
		Delivery Qty (i) :		6	





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

LABEL	FILE NAME
ANNEXURES EPS trichy stores	ANNEXURES EPS trichy stores.docx
DSC GUIDELINES	DSC GUIDELINES.docx
e Proc Vendor Communication	e Proc Vendor Communication.pdf
2-M-19A07-05286-0-0	2-M-19A07-05286-0-0.PDF
2M19A1504340-0-0	2M19A1504340-0-0.PDF
3-M-19A07-15432-0-0	3-M-19A07-15432-0-0.PDF
3M19A0715203-0-0	3M19A0715203-0-0.PDF
4M19A0728572-0-0	4M19A0728572-0-0.PDF
4M19A1527355-1-0	4M19A1527355-1-0.PDF
4M19A1527361-0-0	4M19A1527361-0-0.PDF
4M19A1729279-0-0	4M19A1729279-0-0.PDF



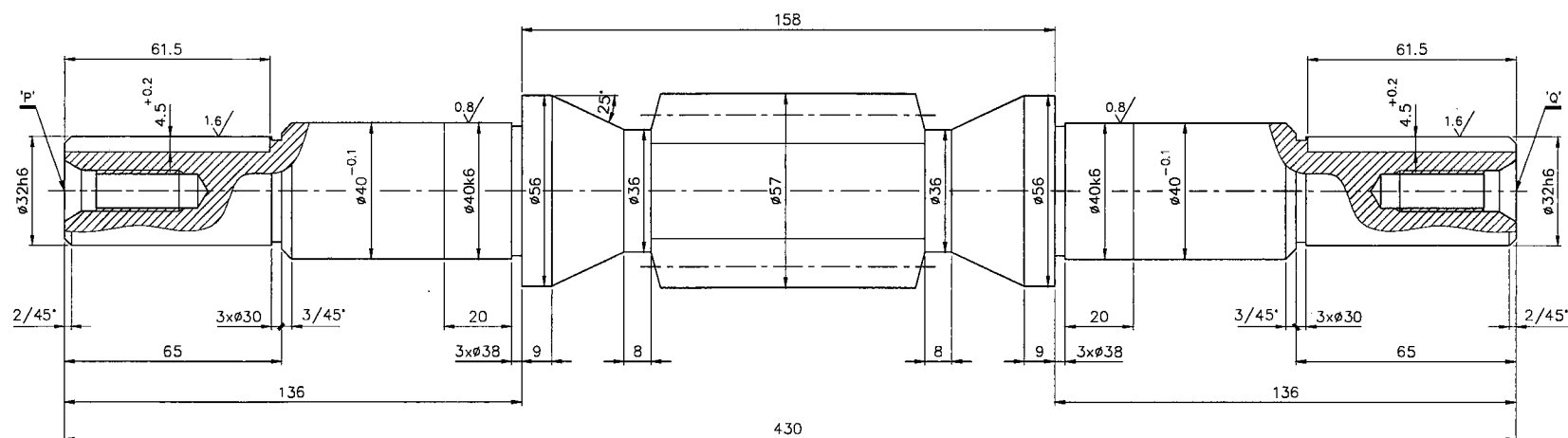
2-M-19A07-05286

DRAWING NO.

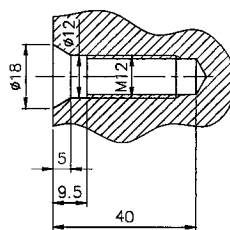
ø32h6	-0.000 -0.016	ø40 k6	+0.018 +0.002	10P9	-0.015 -0.051
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3.2/1.6/0.8/

ALL DIMENSIONS ARE IN MILLIMETERS



NO. OF STARTS	SINGLE
MODULE	6.25
PRESSURE ANGLE	20°
LEAD ANGLE	7° 59' 41"
HAND OF HELIX	RH
PRESSURE ANGLE	20°
AXIAL PITCH	19.63
MATING GEAR DRAWING NO.	3-M-19A07-15432
CENTRE DISTANCE	-



DETAIL-P&Q

NOTE: -
SHARP CORNERS TO BE REMOVED
±2
HARDENED TO HRC.35

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.		IS: 5517		5.58	
EQPT: SHOT BLAST ROOM/INDABARTOR		55C8		MATERIAL CODE		UNIT WT		MATERIAL SPEC		QTY	
DEPT. MRS. 2507		GRADE OF UNTOOL. DIM. 15.2102		SCALE 1:1		WEIGHT (Kg) 5.58		REF TO ASSY DWG NO.		ITEM	
TITLE		WORM SHAFT Ø57x430L		CARD CODE		DRAWING NO. : 2-M-19A07-05286		REV		00	
(REDUCTION GEAR BOX AT CONVEYOR BELT DRIVE ASSY.)		U D1									

REV	DATE	ALTERED	CHECKED	APPROVED
ZONE				

DEPT	MRS	GRADE OF UNTOOL. DIM	SCALE	WEIGHT (Kg)	REF TO ASSY DWG NO	ITEM
2507	15.2102	15.2102	1:1	5.58		

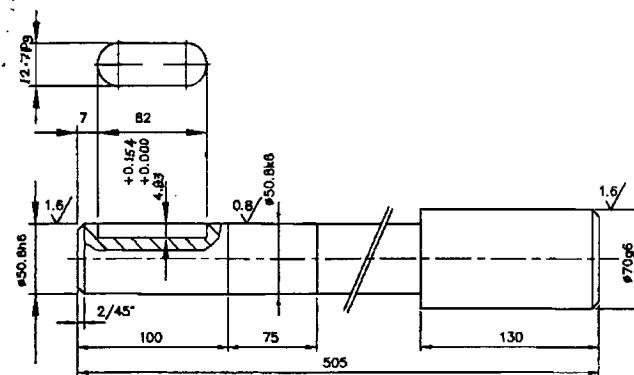
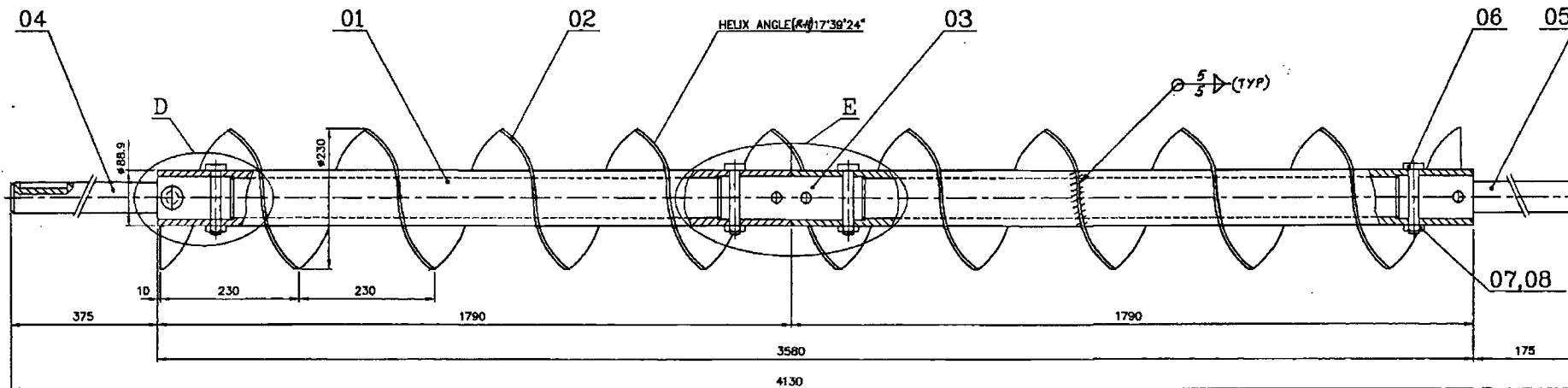
NAME	SIGNATURE	DATE
S.SELVAMANICKAM	S. Selvamannickam	17.03.15
G.GOVINDARAJ	G. Govindaraj	18.03.15
G. THIAGARAJAN	G. Thiagarajan	20.03.15

A2-SIZE

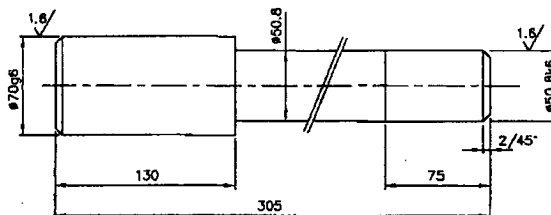
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ALL DIMENSIONS ARE IN MM

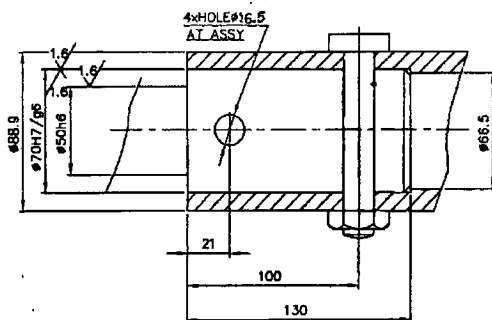
12.7P9	-0.018 -0.061	#50.8h6	-0.000 -0.019	#70H7	+0.030 +0.000	3.2/1.6/0.8/
		#50.8k6	+0.021 +0.002	#70g6	-0.010 -0.029	



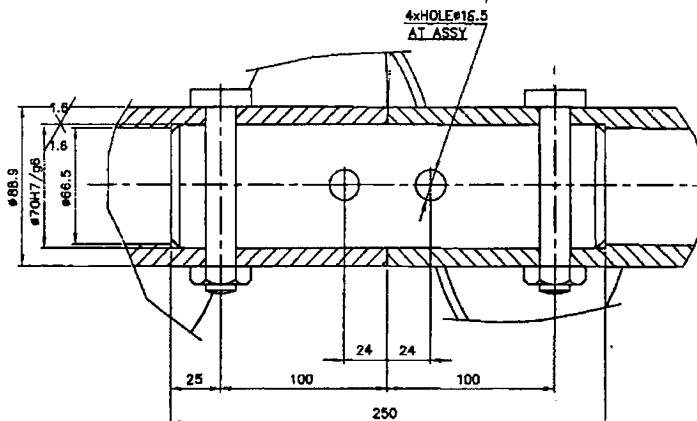
ITEM No. -04



ITEM No. -05



DETAIL-D



DETAIL-E

										10
										09
8	HEX. NUT M16		IS:1367							08
8	SPRING WASHER A16		IS:3063-cd							07
8	HEX.BOLT M16x120L		IS:1364 Part-1							06
1	SHAFT #70x305L	45C8	IS:7283	9.24						05
1	SHAFT #70x505L	45C8	IS:7283	15.25						04
1	PIN#70x250L	45C8	IS:7283	7.55						03
1	PL8tx70.5x11735L	Fe410WA	IS:2062	38.96						02
2	#88.9x11.13tx1790L	ASME	SA208 Gr.C	76.42						01
☒				147.42						
☒										
DESCRIPTION		MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.		ITEM No.			
REFERENCE			COMPONENT CODE: 00	EQUIPMENT CODE: 15						
SCALE		DRAWN	CHECKED	APPROVED	DATE	DCN REF	DATE	SIGN.	INCH	
☒		CHECKED	<i>R. Ramani</i>	<i>get - 04</i>						
☒		APPROVED								
☒		DATE	24-08-2000							
MACHINING SHOT BLASTING					TYPE: INDABRATOR-BLDG5&6					
TITLE:					DRAWING No. 15					
SCREW CONVEYOR					2-M-19A-04340					
					REV.					

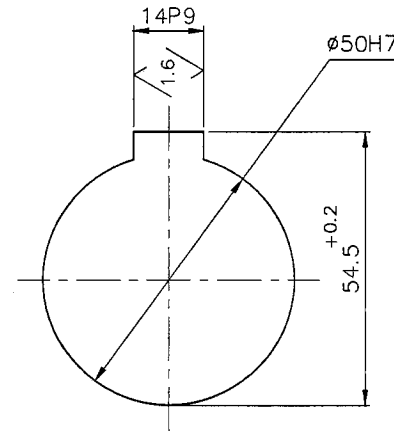
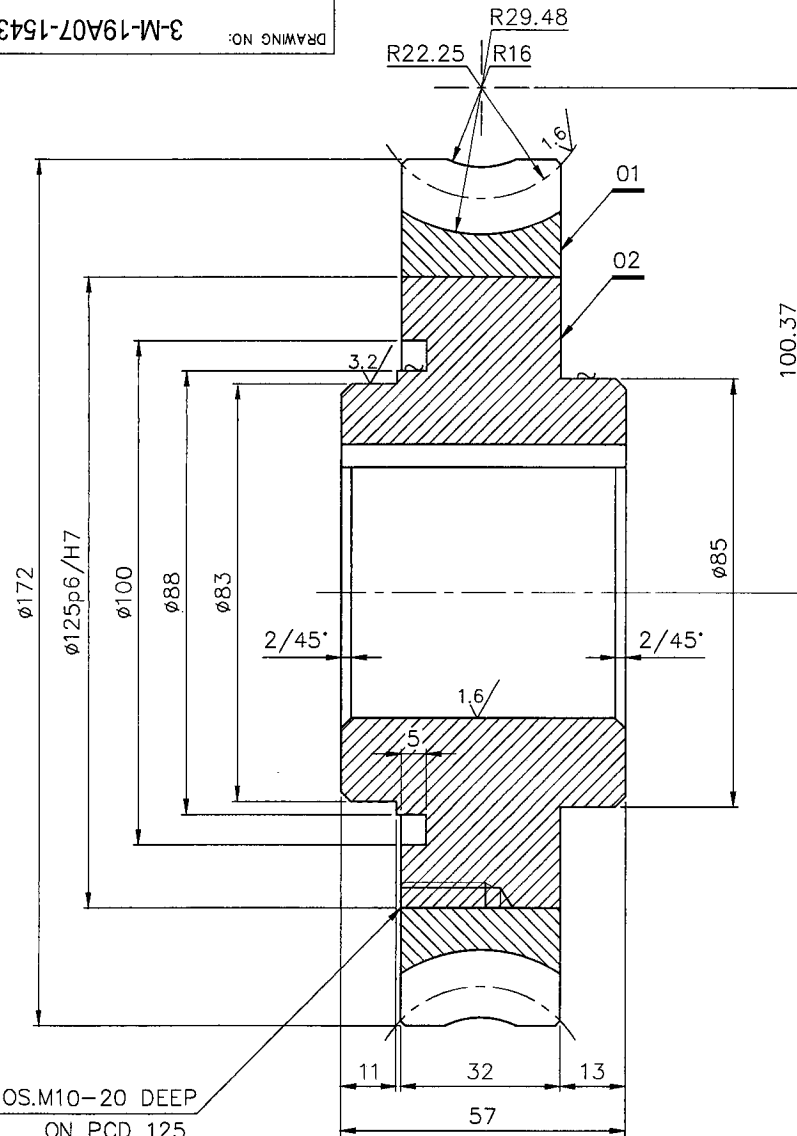
ALL DIMENSIONS ARE IN MILLIMETRES

3-M-19A07-15432

DRAWING NO.

ø125p6	+0.068	ø125H7	+0.040
	+0.043		0.000
ø50H7	+0.025	14P9	-0.018
	0.000		-0.061

✓/3.2/1.6/



NO.OF TEETH	25
MODULE	6.25
PRESSURE ANGLE	20°
HELIX ANGLE	7° 59' 41"
HAND OF HELIX	RH
MATING GEAR NO.OF START	SINGLE
MATING GEAR DRAWING NO:	2-M-19A07-05286
CENTRE DISTANCE	-

NOTE:-

SHARP CORNERS TO BE REMOVED

3 NOS.M10-20 DEEP
ON PCD 125

02	HUB ID50xOD125x57		IS: 2004	4.61
		45C8	1	
01	WORM WHEEL ID125xOD172x32		IS: 28	2.75
		PCuSn7	1	
ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT
			MATL SPEC	QTY

EQPT: SHOT BLAST ROOM/INDABRATOR



Bharat Heavy Electricals Ltd
HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

DRN	NAME	SIGNATURE	DATE
CHD	G.GOVINDARAJ	S. Govindaraj	18.03.15
APPD	G.THAGARAJAN	S. Thagaranjan	20.03.15

DEPT	GRADE OF UNTOL. DIM	SCALE	WEIGHT (Kg)	ITEM
M&S	φ/M/F	1:1	7.36	
CODE	IS:2102			
2597				
TITLE	WORM WHEEL Ø172x25Tx57			REV
	(REDUCTION GEAR BOX AT CONVEYOR BELT DRIVE ASSY.)			00
CARD CODE	DRAWING NO : 3-M-19A07-15432			
U 01				

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REV	DATE	ALTERED	CHECKED	APPROVED
ZONE				

A3-SIZE

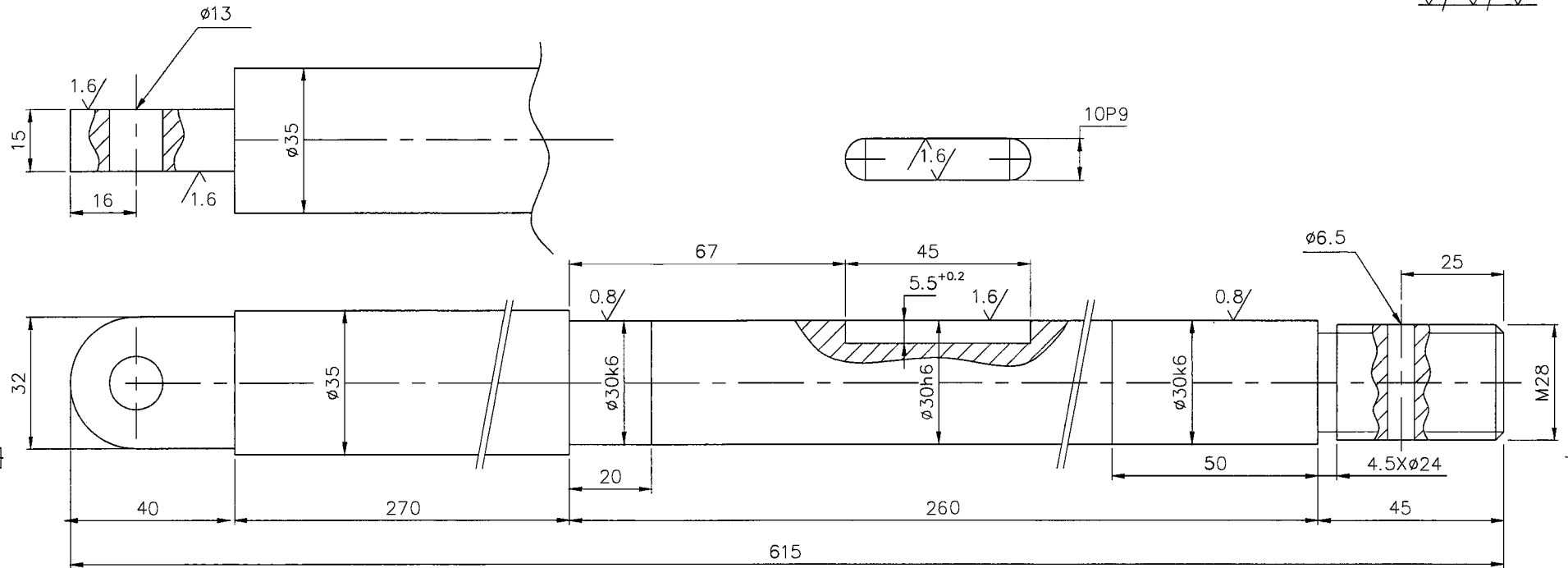
ALL DIMENSIONS ARE IN MILLIMETRES

3M19A0715203

DRAWING NO:

ø30k6	+0.015 +0.002	ø30h6	-0.000 -0.013	10p9	-0.015 -0.051
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3.2/1.6/0.8/



NOTE: -
HARDEN TO HRC 35^{±2}

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.	01	ø35x615L IS 1732		IS 5517	4.64	
	ITEM NO	DESCRIPTION	DRAWING NO	MATL CODE	UNIT WT	
				MATL SPEC	QTY	
	EQPT: SHOT BLAST ROOM/INDABRATOR					
	Bharat Heavy Electricals Ltd		DRN	T.T.BALAKRISHNAN	SIGNATURE	DATE
	HIGH PRESSURE BOILER PLANT		CHD	R.RAMAMOORTHY	R. Ramamoorthy	12.12.13
	TIRUCHIRAPALLI - 620014		APPD	K.RAMANAN	K. Ramanan	14.12.13
DEPT	GRADE OF UNTOL. DIM	SCALE	WEIGHT (Kg)	REF TO ASSY DWG NO		ITEM
M&S	ø/M/F	1:1	4.64	REF TO OLD DWG NO		
CODE	2597	IS: 2102				
TITLE			CARD CODE	DRAWING NO :		REV
SPINNER SHAFT			U 01	3M19A0715203		00
(ø35x615L)						

A3-SIZE

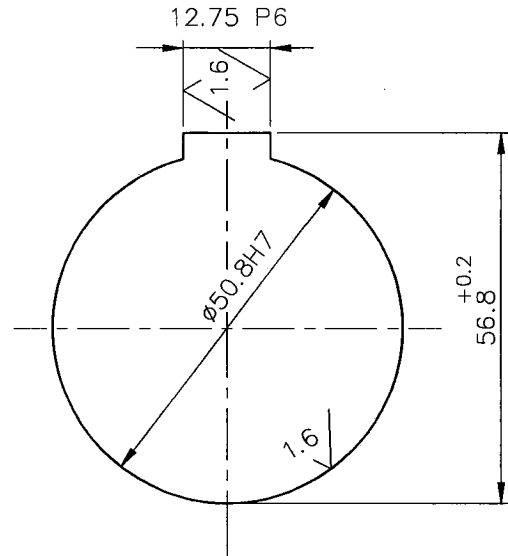
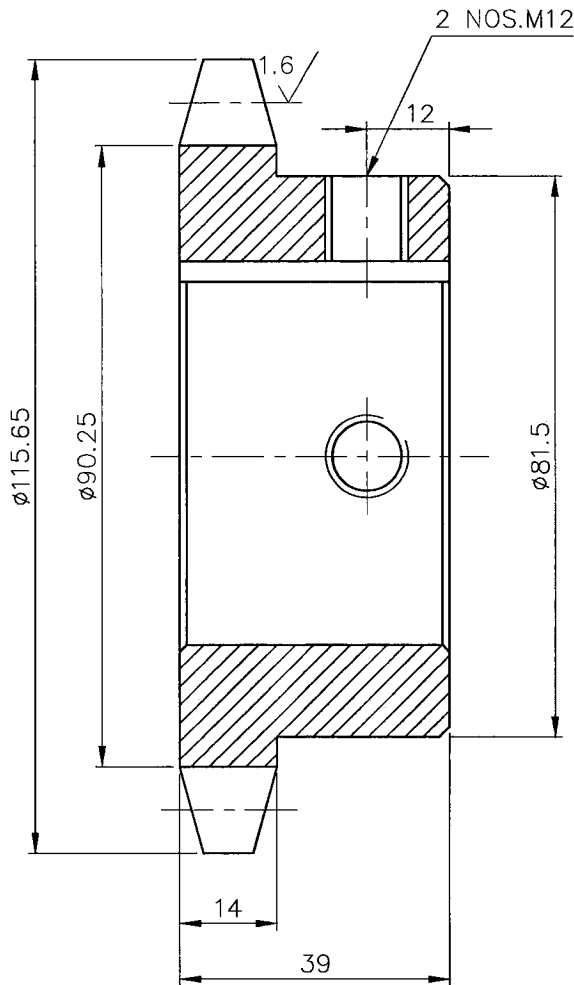
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CAUTION:

ALL DIMENSIONS ARE IN MM/INCHES

ø50.8H7	+0.030
	+0.000
ø12.75P6	-0.018
	-0.061

3.2/1.6/



No. OF TEETH	13
ROLLER DIA	15.88
PITCH	25.4

HARDENED TO HRC 35^{±2}

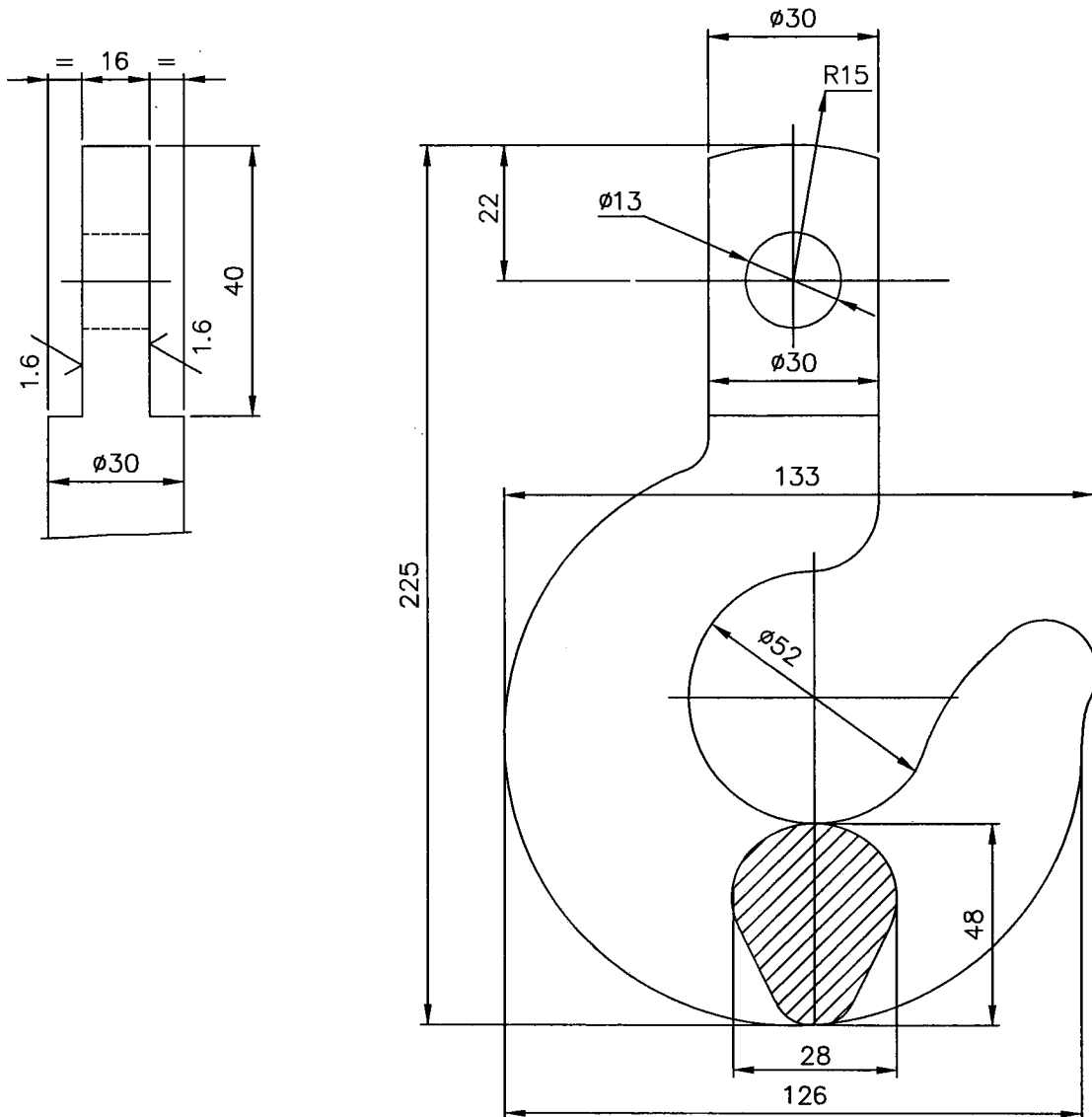
CHAMFER CORNERS FOR 1.5/45°

X		ø116x39L		55C8	IS: 5517	1.00			
No. of Pieces	DESCRIPTION			MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.		ITEM No.
	REFERENCE: LOC NO: 6161 3167			ALTERATIONS:	DCN REF	DATE	SIGN.	INDEX	
SCALE	DRAWN/TCD	S.MANOJ PRABHAKAR							
1:1	CHECKED	R.Ramamoorthy							
	APPROVED	C.S.Jayasheelan							
	DATE	26.06.2010							
MACHINE: SHOT BLAST ROOM				TYPE: INDABRATOR					
TITLE: SPROCKET WHEEL ø116x13T (SCREW CONVEYOR ASSY)				DRAWING No:				REV.	
				4M19A0728572					
				Sheet No:				No. of Sheets:	

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ALL DIMENSIONS ARE IN MM

3.2//1.6/
✓/✓



NOTE: -

HARDENED AND TEMPERED TO HBW 510

		Ni HCr30/530	IS: 4771	0.98		
X						
No. of Pieces	DESCRIPTION	MATERIAL	STANDARD	NET.WT. IN KGS.	DRAWING No.	ITEM No.
	REFERENCE:		ALTERATIONS:	DCN REF	DATE	SIGN.
SCALE	DRAWN	<i>R. Narayanan</i>	DRG. MODIFIED TO DATE		15.03.12	CSJ
NTS	CHECKED	R. RAMAMOORTHY				
	APPROVED	C.S. JAYASHEELAN				
	DATE	15.06.04				
	MACHINE: SHOT BLASTING			TYPE: INDABRATOR-BLDG. 5&6		
	TITLE:			DRAWING No.		
	EYE HOOK 2 TONS			4M19A152735501		
			Sheet No.			No. of Sheets
						REV.

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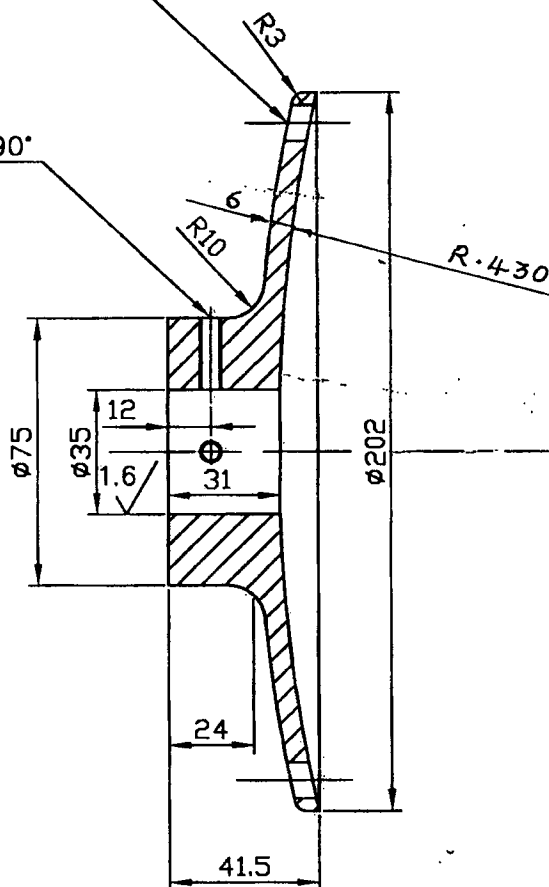
CAUTION:

ALL DIMENSIONS ARE IN MM

3.2//1.6/0.8/
✓✓✓

4HOLES $\phi 12$ ON PCD 185

2Nos M8-AT90°



NOTE: -

HARDENED AND TEMPERED TO HBW 510

SCANNED

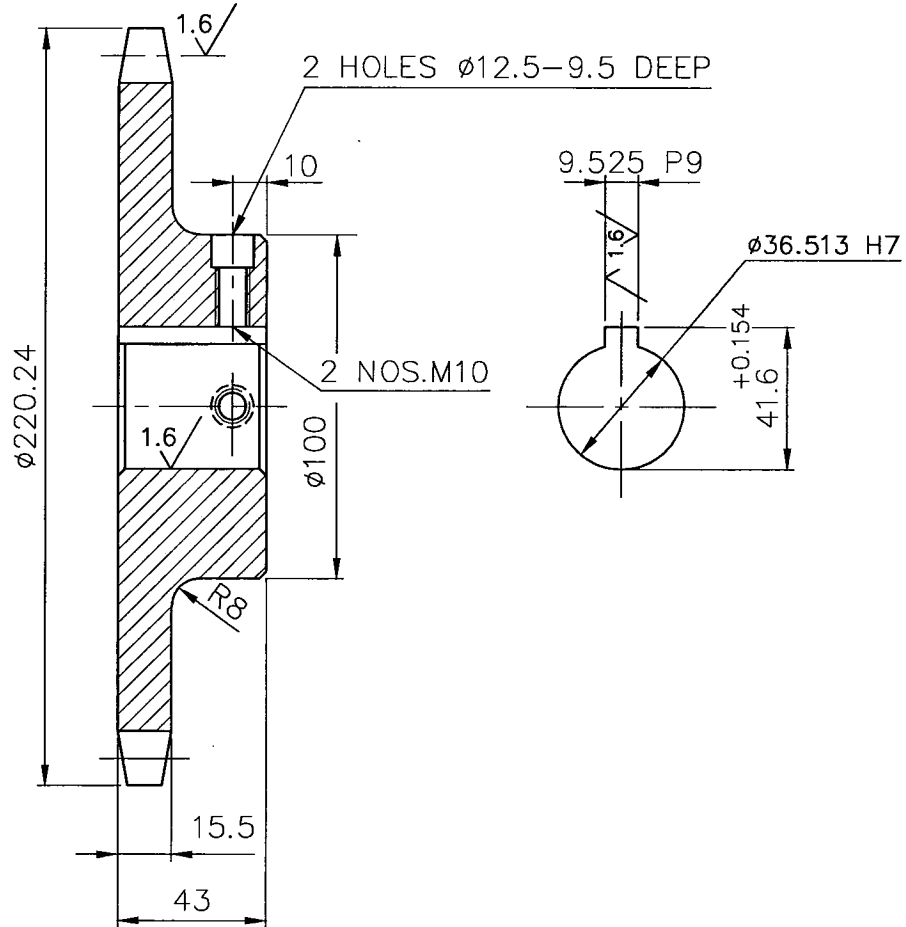
X		Ni HCr30/530		IS: 4771	2.75				
No. of Pieces	DESCRIPTION		MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.		ITEM No.	
	REFERENCE:			ALTERATIONS:	DCN REF	DATE	SIGN.	INDEX	
SCALE 1:2	DRAWN	(330) T.T. Balakrishnan							
	CHECKED								
	APPROVED								
	DATE	22.06.2004							
	MACHINE: SHOT BLASTING				TYPE: INDABRATOR-BLDG.5&6				
	TITLE: HUB SPINNER CONE				DRAWING No:		C.C:00		REV.
					4M19A1527361				
					Sheet No:		No. of Sheets:		

CAUTION: THIS DRAWING IS OUR SOLE PROPERTY AND SHOULD NOT BE USED IN ANY FORM FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION OF BHARAT HEAVY ELECTRICALS LIMITED TRICHIRAPPALLI - 620 014.

ALL DIMENSIONS ARE IN MM

$\phi 36.513$ H7	$\frac{+0.025}{0.000}$	9.525 P9	$\frac{+0.018}{+0.002}$
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3.2/1.6



NOTE:

NO.OF TEETH : 26
 ROLLER DIA : 15.88
 PITCH : 25.4
 HARDEN TO HRC. 35^{±2}
 CHAMFER CORNERS FOR 2/45°

X		ø220.24x43 t		5508	IS: 5517	5.45			
No. of Pieces	DESCRIPTION			MATERIAL	STANDARD	NET.WT.IN KGS.	DRAWING No.		ITEM No.
	REFERENCE:				ALTERATIONS:	DCN REF	DATE	SIGN.	INDEX
SCALE 1:2	DRAWN	S.Selvamanickam							
	CHECKED	R.Ramamoorthy							
	APPROVED	C.S.Jayasheelan							
	DATE	17.04.12'							
	MACHINE: SHOT BLAST ROOM				TYPE: INDABRATOR				
	TITLE: SPROCKET WHEEL 26T/ø220.24 (SPINNER HANGER)				DRAWING No:				REV.
					4M19A1729279				
					Sheet No: No. of Sheets:				

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 Annex

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 with 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. Incase 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 1 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	
2	HELP DESK	eps.customercare@mjunction.in	Landline : 033 – 66106217 / 6013 / 6426 / 6176 / 6046 (From 9:30am to 5:30pm) 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

6	R. Vishwanathan	r.vishwanathan@mjunction.in	(+91) 9163348242	Business Analyst
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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

e- Procurement – BHEL TRICHY

Dear Sir/Madam,

BHEL Trichy has implemented e-Procurement and it is going to be the way of working in future.

The Requirement :

1. A PC with Internet connectivity &
2. DSC (Digital Signature Certificate)(**Class 3- SHA2- 2048 BIT- SIGNING & ENCRYPTION**)

The following are the benefits of e-Procurement Process.

1. Ensuring no offer is missed due to last minute submission, postal delays etc.
2. Reduced Tendering & ordering cycle time
3. Economical, smoother & speedy communication
4. Greater Transparency
5. Big step towards paperless procurement process, Minimal human error
6. No geographical barriers
7. Vendor gets alerts regarding issue of new tender enquiry, amendments, clarifications etc
8. Submission of offer from the comforts of their office from any location
9. On line clarifications
10. Direct Cost Savings such as reduced Paper costs, reduced printing costs, reduced mailing costs, reduced telephone costs and reduced fax costs.

BHEL has finalized the e-procurement service Provider

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 with them immediately. The contact details of the service provider is given below:

SL	NAME	e-Mail ID	Mobile No	ROLE
1	DHANARAJ.P	panneer.dhanaraj@mjunction.in	(+91) 9500199108	Customer Relationship Mgr.
2	HELP DESK	eps.customercare@mjunction.in	033 – 66106426 / 54 9163348104,9231027017	

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			

Your early action in this regard is highly solicited.

Regards