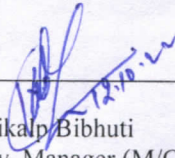


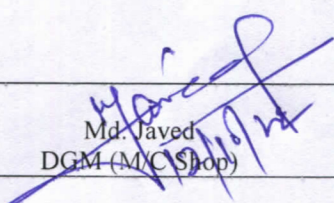
MACHINING OF RUNNER BLADE**Indent No: 20220166****i) PRE QUALIFICATION**

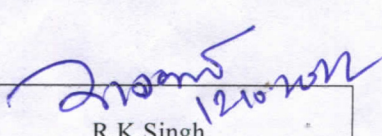
S.No.	BHEL Requirement	Vendor's Confirmation
1	Vendor should have a Horizontal boring machine of Spindle Dia 125mm or more	Vendor to Confirm and submit detail
2	Vendor should have material handling capacity of 3.0MT or more	Vendor to Confirm and submit detail

ii) TECHNICAL REQUIREMENT

S.No.	BHEL Requirement	Vendor's Confirmation
1	Machining as per drawing no. 0-204-07-94002/M/R00	Vendor to confirm
2	Vendor to arrange all tools & instruments required for machining of the job	Vendor to confirm
3	BHEL reserves the right to visit vendor for stage inspection during job machining to assess the progress and technical aspects and further processing shall be done accordingly.	Vendor to confirm
4	Final Inspection of the machined job may be carried out by BHEL at vendor's works before despatch	Vendor to confirm
5	Delivery requirement: 2 weeks/pc from the date of lifting	Vendor to confirm
6	Identification details on the casting to be maintained	Vendor to confirm
7	Vendor to submit following with the offer:- a) Details of the Organization b) Details of the machine tools and other facilities installed in the company	Vendor to submit
8	Vendor may plan a visit to CFFP for technical discussion.	Vendor to Note
9	BHEL team may visit vendor's works for facility/capacity verification.	Vendor to Accept


Vikalp Bibhuti
Dy. Manager (M/C Shop)


Md. Javed
DGM (M/C Shop)

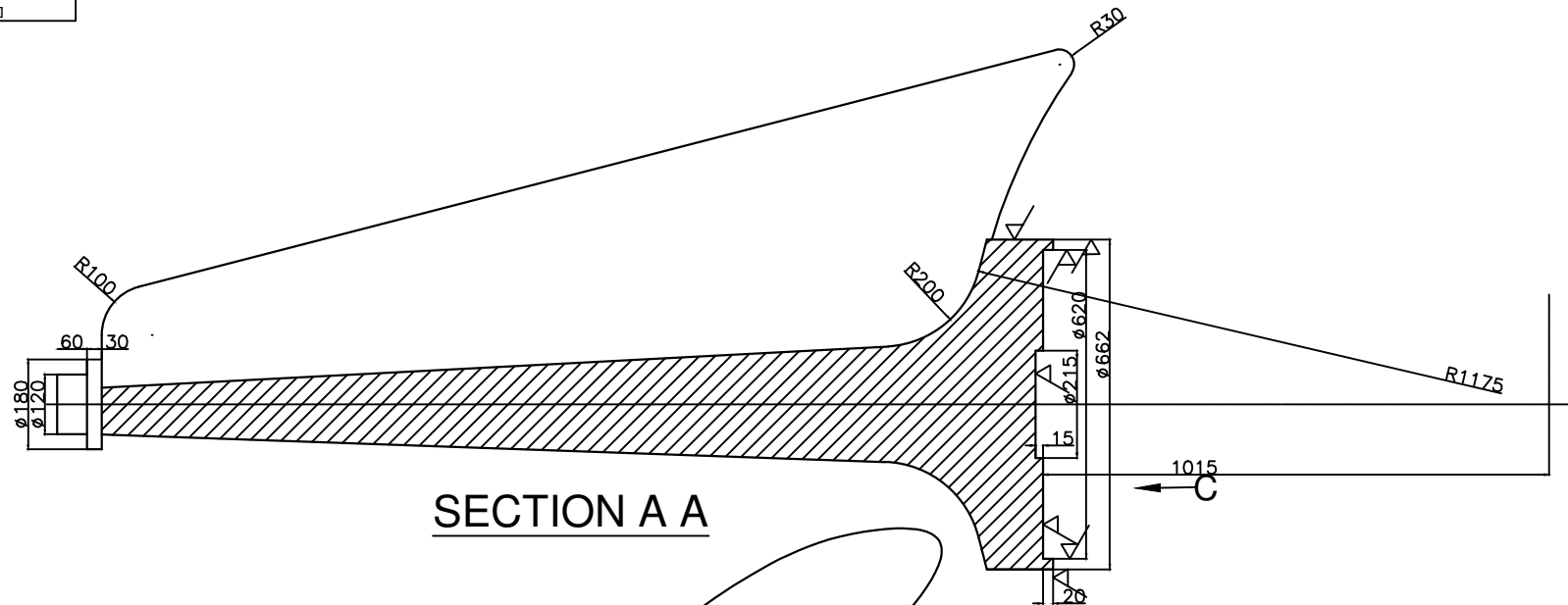

R.K. Singh
AGM (M/C Shop)

Item Description

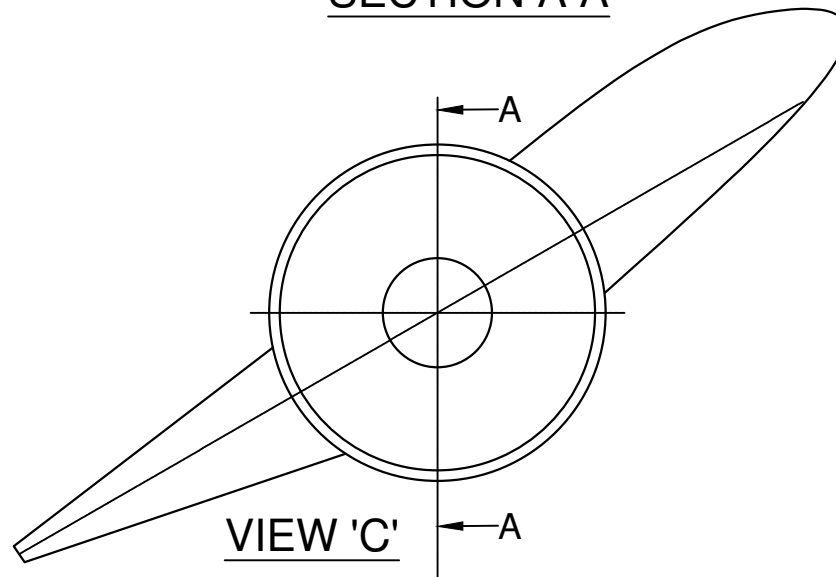
Tender Enquiry No	FF/SC/22053/202201662
Item	Kaplan runner blade casting
Drg No	0-204-07-94002/M: Rev-00
Quantity	08 No
GRADE CONTAINS NICKEL	4%
Delivery Terms	2 Weeks/Piece
befor Machingh Wt	2800 KG
After Machinigh Wt	2600 KG

Remarks:

- 1 MARK & MACHINE AS PER DLY DRG.
- 2 IDENTIFICATION NO. TO BE PUNCHED
- 3 SEAL TO BE RETAINED
- 4 GRADE CONTAINS NICKEL=4%
- 5 RATE TO BE QUOTED ON PER KG CHIP REMOVAL BASIS
- 6 ACTUAL WEIGHMENT TO BE DONE FOR BOTH OUTGOING & INCOMING JOBS
TO BE DONE



SECTION A A



VIEW 'C'

NOTE:-

1. CASTING TO BE ROUGH MACHINED TO ALL SURFACE MARKED ∇ TO THE DRG. DIMENSIONS OF A SURFACE FINISH OF 12.5 MICRONS, WITHIN A TOLERANCE OF +1MM ON OD AND HEIGHT, +0 ON ID UNLESS OTHERWISE SPECIFIED.
-1MM
2. THIS DRG. IS ISSUED FOR THE PURPOSE OF ROUGH MACHINING ONLY. FOR ALL OTHER DETAILS PLEASE REFER COMPONENT DRG. NO. 0-204-07-94002 REV 03
3. WT OF CASTING BEFORE M/C: 2800 KGS
WT. OF CASTING AFTER M/C: 2600 KGS
4. MATERIAL : ASTM A743 GR CA6NM (13% Cr, 4% Ni)

REV	DATE	ALTERED
		CHECKED
ZONE		

		BHARAT HEAVY ELECTRICALS. LTD.					
		CENTRAL FOUNDRY FORGE PLANT					
		RANIPUR HARDWAR					
DEPT.	FDY.TECH.	SCALE	N.T.S.	WEIGHT IN Kgs	NAME	SIGN	DATE
TITLE		ROUGH M/C		DRN		GABRIEL/23199M.dwg	
		DRG. FOR KAPLAN BLADE		WKD		L. AGRAWAL	Sd 24.8.22
				CHD		NK GAURAV	Sd 24.8.22
				APPD		AN SUDHAKAR	Sd 24.8.22
PROJECT AND CUSTOMER NAME		TECHNOLOGY NO		DRAWING NO			
SARDAR SAROVAR		23199		0-204-07-94002/M			
BHEL / BPL				SHEET NO. - 1		NO. OFF SHEETS-1	