ITEM: SUPPLY OF FLANGES AS PER ANNEXURE No. A/12303248/25.01.2023

TECHNICAL PQR, DRAWING, QAP: AS ATTACHED

QUANTITY: As per AS ATTACHED BOQ

BILL OF MATERIAL (BOM):

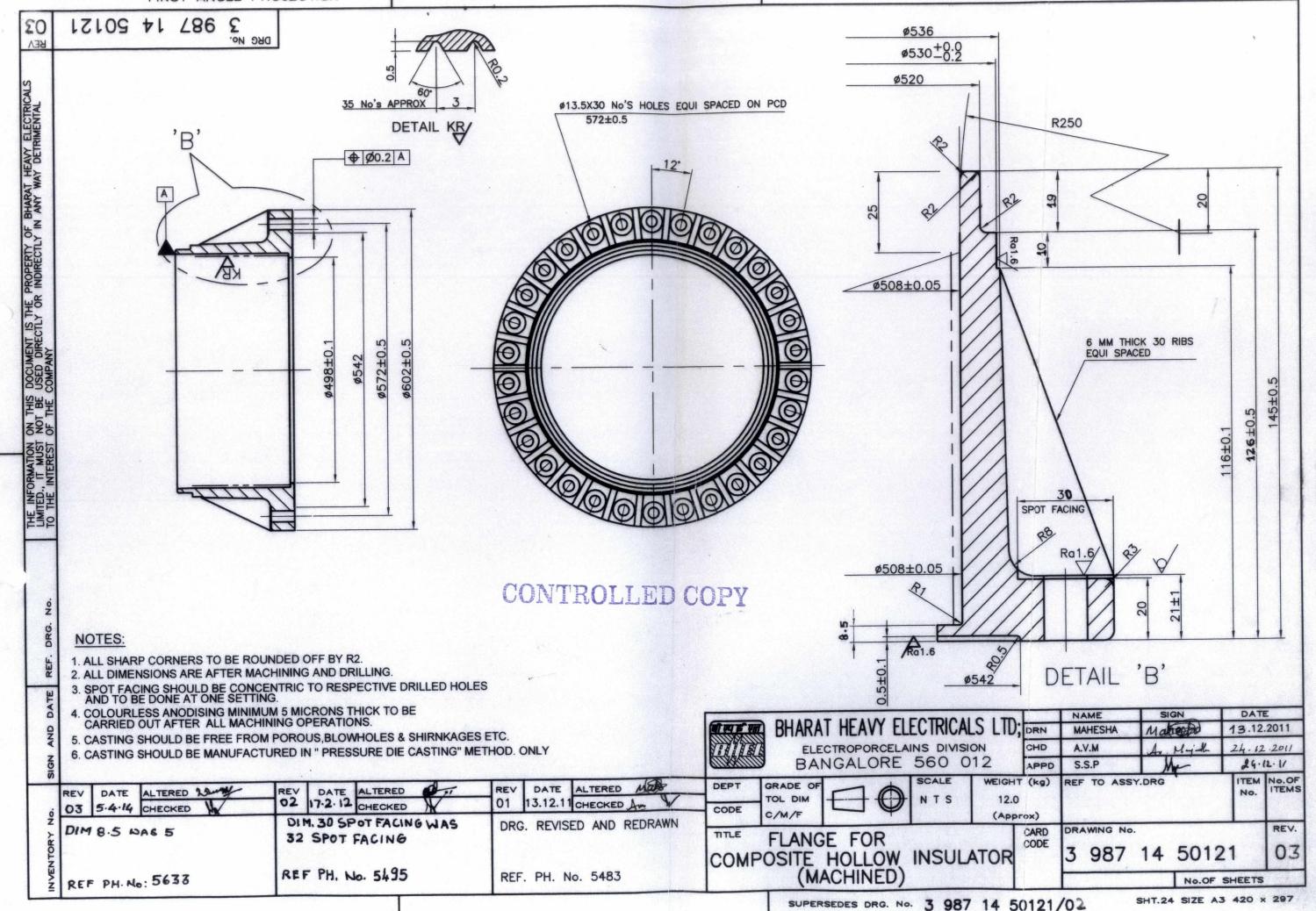
Sr. No.	BHEL Item Code	Description of Item/Specification	Quantity	UOM	Technical Specification/Drawings
1	184522	FLANGE CHI Fitment Ø508 [3 987 14 50121/03]	114	EA	AS ATTACHED

- 1. Bidder to provide signed & Sealed GEM BID, drawings, QAP & Annexure No. A/12303248/25.01.2023 with their offer.
- 2. To get MSE preference, bidder to choose MSE purchase preference on GEM portal otherwise purchase preference shall not be applicable.
- 3. To get MII preference, bidder to choose MII purchase preference on gem portal and bidder to submit signed local content declaration otherwise purchase preference shall not be applicable.
- 4. Item shall be manufactured as per attached drawing.
- 5. Delivery Schedule: Material shall be supplied to BHEL SBD MP Stores, Bangalore within 45 days from the date of PO.
- 6. Delivery location: BHEL SBD MP Stores Bangalore-560012 as per GeM consignee.
- 7. Price basis: Price shall be firm till completion of the contract. No PVC is applicable.
- 8. Payment terms: Hundred Percent (100%) of basic price of the material supplied as per PO, along with 100% taxes & duties (as applicable) shall be payable on pro-rata as per following manner
 - (i) 45 days for Micro & Small Enterprises (MSEs)
 - (ii) 60 days for Medium Enterprises
 - (iii) 90 days for Non-MSME

from the date of receipt of goods at BHEL SBD and receipt of complete documents at BHEL SBD as specified in Clause No. 9 below subject to acceptance of materials. [i.e. date of acceptance of material or date of submission of complete set of documents (whichever is later) shall be considered for reckoning the due date of payment.]

- 9. Documents to be Submitted by Vendor for payment:
 - a. Original GST compliant invoice. (Original for Buyer copy)
 - b. Copy of LR/ Delivery Challan for local supplier in place of LR
- 10. Invoice to be made as per the prevailing GST format only. TDS Deductions applicable as per GST Law & TDS certificate shall be issued by BHEL in line with the latest amendment in GST Law.
- 11. Technical PQR- requirement i.e. Years of Past Experience as per technical PQR and Past Experience shall be supply of 10% of bid quantity.
- 12. Minimum Average Annual Turnover of the Bidders shall be 2 lakhs for last three FY.
- 13. Inspection and Quality Clearance: As per attached QAP

	BOQ FOR 12303248												
Item Number	Item Code	Item Description	Quantity	UOM	Unit Price (Inclusive of TAX) [QUOTED/NOT QUOTED]	Applicable GST %	HSN Code						
1	I 184522	FLANGE CHI Fitment Ø508 3 987 14 50121/03	114.00	EA			_						





भारत हेवी इलेक्ट्रिकल्स लिमिटेड Bharat Heavy Electricals Limited

इलेक्ट्रिक एंड फोटोवोल्टाइक डिवीज़न Solar Business Division बेंगलुरु/Bengaluru

Dated:19.11.2022 Ref: CI/PQR/FLANGE CHI/2022/15

Rev No: 00

TECHNICAL PRE-QUALIFICATION REQUIREMENT (TECHNICAL PQR)

TENDER DESCRIPTION: FLANGE FOR COMPOSITE HOLLOW INSULATOR

NB:- Technical PQR <u>not</u> applicable for PMD enlisted vendor of BHEL,SBD

Sr. No.	Details of Requirement	Supporting Documents to be submitted by the Bidder	Bidder Confirmation
1.	Vendor should be a Manufacturer of anodized Aluminium flanges.	Business license copy and ISO 9001 certificate copy	
2.	Should have supplied at least 10 nos of similar items	Copy of PO for similar items	

Prepared By	Approved by				
Digitally signed by JAGANNATH MAJI DN: cn=JAGANNATH MAJI DN: cn=JAGANNATH MAJI, o=BHEL, ou=SBD, email=jagannath@bhel.in, c=IN Date: 2022.11.19 13:43:21 +05'30' Adobe Acrobat Reader version: 2022.003.20282	PRATAP Digitally signed by PRATAP MUKHERIEE DN: c=N, 0=BHARAT HEAVY ELECTRICALS LIMITED, ou=BHEL SBD BANGALORE, postalCode=560012, st=KARNATAKA, 2,5-4,20=T181(7-861577bs21cebbaca0d8710951 ddes3223a0a352aa37a7 16eb9Fc8e9dd4f, pseudonym=A822P8391089983240FE1DD115F10C8D2976A955, serialNumber=85288162EP8465D4898F34F27049FEA0688952EBE6F 2491E47170E6520667DCF, cn=PRATAP MUKHERIEE Date: 2022.11.19 16:29-41 +05300				



BHARAT HEAVY ELECTRICALS LIMITED SOLAR BUSINESS DIVISION PROF.C.N.R RAO CIRCLE, IISC POST MALLESHWARAM, BENGALURU-560012

STANDARD QUALITY ASSURANCE PLAN

ITEM: ALUMINIUM FLANGE

QP NO.: EPD/QP/IP/2020-21/0007

REV. NO.: 00 DATE: 03.02.2021

PAGE 1 OF 2

SL.	ITEM/				- "									
NO	COMPONENT	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY M B		REMARKS		
1.	2.	3.	4.	5.	6.	7.	8.		T		**			
Α	INSPECTION	BY SUPPLIER AT TH	EIR WORKS	- V		te-fy		9.	D*	1	.0.	11.		
A.1	Aluminium	Visual	Major	Physical	100%	1		Inspection Report	Γ,	Т_	Tuesd	The state of the s		
A.2	Flange	Gauge Inspection (as applicable)	Major	Physical	100%	BHEL Spec./ BHEL	BHEL Spec./ BHEL E	BHEL Spec./ BHEL BHEL Spec./ BHE	BHEL Spec./ BHEL	Inspection Report	V	P	V	
A.3		Dimensions & Markings, Color	Major	Physical	5 per 1000 & part thereof	Drg.	As per Grade in drawing	Drg.	Inspection Report	v	P	V	Patricia de la como estado	
A.4		Tensile Strength	Major	Mechanical	1/melt	As per Grade in		Inspection Report	V	P	V	11/10/10		
A.5	inframe and	% Elongation	Major	Mechanical	1/melt	drawing		drawing	drawing	Inspection Report	V	P	v	
A.6	, ii. 19 Og	Hardness	Major	Mechanical	1/melt			Inspection Report	V	P	V			
A.7	g 1, was	Chemical Composition	Major	Chemical	1/melt			Inspection Report	٧	P	V	11 11 10 10 10 10 10		
A.8	Section of the	Coating/Anodizing (if applicable) a. Thickness b. Color	Major	Physical	5 per 1000 & part thereof	BHEL Spec./ BHEL Drg.	BHEL Spec./ BHEL Drg.	Inspection Report	V	P	V	Other stages of		
3	INSPECTION	AT BHEL WORKS			The state of the s		0.000000 - 0.00 000 000					71.1 d North		
3.1	Aluminium Flange	Visual	Major	Physical	IS:2500 Ptl AQL 0.25%	BHEL Spec./ BHEL Drg.	BHEL Spec./ BHEL Drg.	Inspection Report	-	-	Р	11 T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
3.2	115 -056	Gauge Inspection (as applicable)	Major	Physical	IS:2500 Ptl AQL 0.65%] 5.8.	Dig.	Inspection Report	-	-	Р	The state of the s		
3.3	il i sederi	Dimensions & Markings, Color	Major	Physical	2 per 1000 & part thereof	edu e a cega		Inspection Report	-	-	Р	5 1 2 2		
1.4		Tensile Test, % Elongation, Hardness on Test Bar	Major	Mechanical	1/melt	As per Grade in drawing	As per Grade in drawing	Inspection Report	ž	-	P	Vendor to provide 3 test bar per melt per		
.5		Chemical Composition	Major	Chemical	1/melt	As per Grade in drawing	As per Grade in drawing	Inspection Report	-	-	P	lot		

LEGEND: *D: RECORDS, INDENTIFIED WITH "TICK" (√) SHALL BE ESSENTIALLY INCLUDED BY VENDOR IN QA DOCUMENTATION.	FOR BHEL USE	140 to 100 to 10	
** M: MANUFACTURER/SUB-VENDOR, B: BHEL/BHEL NOMINATED INSPECTION AGENCY P: PERFORM W: WITNESS AND V: VERIFICATION.	Bonar	-08	
With the second	PREPARED BY: B D RANGAPPA	APPROVED BY: ADITYA KUMAR MOURYA	QUALITY



BHARAT HEAVY ELECTRICALS LIMITED SOLAR BUSINESS DIVISION PROF.C.N.R RAO CIRCLE, IISC POST MALLESHWARAM, BENGALURU-560012

STANDARD QUALITY ASSURANCE PLAN

ITEM: ALUMINIUM FLANGE

QP NO.: EPD/QP/IP/2020-21/0007 **REV. NO.: 00**

DATE: 03.02.2021

PAGE 2 OF 2

SL.	ITEM/	MIDENTIFIED WITH TH	CLASS	TYPE OF	QUANTUM	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY	REMARKS	
NO	O COMPONENT	CHARACTERISTICS	CHARACTERISTICS	est-lay	CHECK	OF CHECK	DOCONIENT	quantities .			M B	
1.	2.	3.	4.	5.	6.	7.	8.	9.	D*	10.	11.	

Notes:

- 1. If vendor is supplying an item first time, sample approval to be obtained from Quality / Engg. before taking up bulk manufacturing.
- 2. The SQAP shall be read in conjunction with BHEL Purchase Specification mentioned in Purchase Order and shall deem to include any additional tests as per the specification/Standard.
- 3. Material supplied shall be in line with BHEL Purchase Order, BHEL Purchase Specification, BHEL Drawing, applicable Standards, or any other document applicable.
- 4. In case of any contradiction between this SQAP & BHEL Specifications the following precedence shall be followed:
 - 1st: BHEL Purchase Order, BHEL Purchase Specification & BHEL Drawing;
 - 2nd: This STANDARD QUALITY ASSURANCE PLAN & Applicable standard;
 - 3rd: Manufacturers plant standards
- Packing shall be as per BHEL purchase order.
- BHEL reserves the right for pre-dispatch inspection at vendor works by BHEL or BHEL nominated agency.
- 7. In case of pre-dispatch inspection, Supplier shall raise the inspection call in the CQIR URL www.cqir.bhel.in_with inspection agency as BHEL SBD and shall upload Test Certificates, Internal Tests Report as per this SQAP in CQIR Portal. TC will be verified during inspection and will be signed by the inspector.
- 8. Duly Sealed & signed original Test Certificates, Internal Tests Report along with test bar shall be sent along with lot.

LEGEND: *D: RECORDS, INDENTIFIED WITH "TICK" (√) SHALL BE ESSENTIALLY INCLUDED BY VENDOR IN QA	FOR BHEL USE	FORMERS OF		ne seames	
DOCUMENTATION. ** M: MANUFACTURER/SUB-VENDOR, B: BHEL/BHEL NOMINATED INSPECTION AGENCY	0.0. ng				
P: PERFORM W: WITNESS AND V: VERIFICATION.	PREPARED BY: B D RANGAPPA	APPROVED / BY: KUMAR MOURYA	ADITYA	QUALITY ASSURANCE	