

NOTICE INVITING TENDER
ITEM ANNEXURE
ITEMS TO BE SUPPLIED IN THIS BID
PR: 100153396

M/s.Standard Electrical Services, Chennai.

Email Enquiry- Single Tender Basis

Bidder to sign and stamp all pages in this document and upload, as an agreement to supply each of below items.

SCOPE OF SUPPLY AS PER BHEL TECHNICAL SPECIFICATION

SL. NO :	Item material code	DESCRIPTION	PRQTY	PR UNIT	DELIVERY PERIOD
1	A155357997AA	DE BEARING	2.00	NO	60 days from placement of PO
2	A155357997AB	NDE BEARING	2.00	NO	60 days from placement of PO
3	A155357997AC	MOTOR COOLING FAN ASSY	2.00	NO	60 days from placement of PO
4	A155357997AD	MOTOR TERMINAL BLOCKS ASSY	2.00	SET	60 days from placement of PO

Note:-

1. Quantity Tolerance: NIL

2. Evaluation of offers will be on Total Cost Basis.

3. Delivery Terms: F.O.R. DESTINATION (Destination: BHEL Stores, Ranipet). Packing, Forwarding, Freight, Insurance charges, E&C charges and all applicable taxes to be included in quoted price.

4. Annexure-A, BHEL Specification should be submitted duly signed and stamped.

Sr.Manager/Purchase

IMPORTANT NOTE

(i) Bid Price: The Bidder has to quote the Price INCLUSIVE of all taxes (GST and other taxes) and all other charges like Packing & Forwarding charges, all the routine & type tests as per tender scope, taxes, duties, freight and Insurance.

(Illustration: If a bidder quoted rate for an item as Rs.100.00, basic price will be Rs.84.74 and GST will be Rs.15.25. BHEL will place PO with rate as Rs.84.74 and with GST @18.00% extra.)

(ii) L1 Bidder has to provide Break price for placing BHEL PO.

(iii) Total Value to be only mentioned .

Sign & Stamp of bidder

(By signing this I/We agree to follow all technical documents and drawings applicable for these above items and tender in total)

ANNEXURE – “A”**ENQUIRY No: 100157866****COMMERCIAL TERMS AND CONDITIONS**

(To be filled in full and to be submitted along with offer)

SL. NO	DESCRIPTION	BHEL'S REQUIREMENT	SUPPLIER'S COMMENTS
01	PRICE	Firm till completion of order completion.	
02	DELIVERY TERMS	FOR, DESTINATION (BHEL, BAP, Ranipet-Stores) FOR - Destination means is " FOR -BHEL BAP Ranipet Stores (Packing & Forwarding, Freight & Insurance are in Supplier's scope i.e. included in the quoted prices. If Extra,indicate in %. Unloading at BHEL Ranipet stores would be to the account of BHEL only].	
03	GST	Applicable GST extra on basic price to be indicated by supplier. (IGST/SGST/CGST/UTGST)	
04	MSME STATUS (MICRO/SMALL/MEDIUM)	To be indicated by supplier and relevant UDYAM certificate to be attached along with the bid offer.	
05	PAYMENT	For MSE vendors 100% within 45 days after receipt & acceptance of materials at our end. For NON - MSE vendors "100% within 90 days of receipt and acceptance of materials at our stores". (Please confirm your acceptance for the same. In the event of any deviation in the above payment terms the following loading on your base rate will be done as below." Base rate of SBI (as applicable on the date of techno commercial bid opening) + 6% shall be considered for loading for the period of relaxation sought by you")	
06	DELIVERY PERIOD	60 days from PO receipt date (Including manufacture, inspection, transport etc).	
07	L.D. CLAUSE	Liquidated Damages (LD): The applicable LD shall be at the rate of 0.5% per week to maximum of 10% for the undelivered portion and for the	

		deliveries made beyond the agreed Delivery Period. Delivery being the essence of contract requirements, in the event that a Supplier does not accept the above LD condition, the offer would be loaded to the extent of the shortfall with respect to upper limit specified above. Date of material receipt at our stores (Day Book date) will be considered as the delivery date as mentioned in Purchase order.	
08	OFFER VALIDITY	Minimum 90 days from the date of Technical bid opening	
09	INSPECTION BEFORE DESPATCH	Will be done at BHEL's Works	
12	MII Content	Please provide MII Local content declaration form	
17	GTC acceptance	Acceptance to our General Terms & Conditions (Annexure B). Pls confirm.	
18	HSN Code of product	To be indicated for each product Min 6 to 8 digits	
19	Name of Organization, Address, email ID, Phone no. etc	To be indicated by supplier	
20	GST registration no	Supplier to indicate GST registration no of firm	
21	MANUFACTURING PLACE & COUNTRY	To be indicated by supplier	

SIGNATURE WITH SEAL

CUSTOMER: ADANI POWER LIMITED		CONTRACT QUALITY REQUIREMENTS (CQR) for <u>LT Motor (Upto 200 KW)</u>	DOC.NO: BAP/QR/ADANI/ LTM: 001	##Enquiry No.:
CONTRACTOR: BHEL - RANIPET			Rev NO.: 00	##Supplier Name:
			PAGE : Page 1 of 2	##Offer reference:
			DATE : 11.02.2025	##Date:
Sl. NO.	DESCRIPTION	BHEL and Ultimate Customer - Quality Requirements		##Specific confirmations by the vendor

ITEM: LT Motor

01	Type Test Requirements	<p>1. Vendor shall submit the type test reports as per Specification/ IS 12615 for the LT Motor above 75 KW. Type test to be carried out within 05 years from the date of date of Enquiry. These reports should be for the test conducted on the similar equipment to those proposed to be supplied under this enquiry and test(s) either should have been conducted at an independent laboratory (or) should have been witnessed by TPI/BHEL/Adani.</p> <p>2. However, if vendor is not able to submit the similar type test report as per above condition (or) in the case of type test reports are not found to be meeting the specification requirement, the vendor shall conduct all the tests at no additional cost to BHEL either at third party lab (or) own lab in the presence of TPI/BHEL/Adani and submit the reports for approval.</p>	
02	Quality Plan Requirement	<p>For LT Motor supplier need to confirm the SQP no. ADANI/QA/SQP/E/002 Rev.02 of LT Motor attached along with this CQR.</p> <p>For LT Motor less than 30 KW Manufacturer Routine test certificate as per IS 12615 to be submitted.</p> <p>For LT Motors 30 KW and Upto 45 KW Inspection will be as per above Customer Adani SQP by BHEL/ BHEL AIA and reports to be submitted to Ultimate customer review and approval before despatch.</p> <p>For LT Motor 45 KW and above Inspection is applicable as per above Customer Adani SQP along with Ultimate customer and BHEL/ BHEL AIA.</p>	
03	BHEL / Ultimate Customer approved vendors	LT Motors are to be procured only from the Ultimate Customer approved vendors and no deviation on this specific requirement is acceptable.	
04	Inspection Methodology	No material shall be dispatched without BHEL/BHEL AIA along with Ultimate Customer inspection (as applicable) with required CHP/MDCC clearances.	
05	For inspection call	To raise inspection call by BHEL/BHEL AIA inspection including for type test witnessing, vendor is requested to refer details in https://cqir.bhel.in for inspection related activities for immediate response / resolution.	
06	Painting Requirements	Painting requirement like paint shade and painting thickness including no of coats if any are to be ensured by motor supplier for these motors as per BHEL approved data sheet/drg/specification (As applicable).	
07	Packing	Required Packing & preservation shall also to be ensured as per requirements stipulated in Engg spec / drg / data sheet to avoid any damage during transit, handling damages & storage at site.	

CUSTOMER: ADANI POWER LIMITED		CONTRACT QUALITY REQUIREMENTS (CQR) for <u>LT Motor (Upto 200 KW)</u>	DOC.NO: BAP/QR/ADANI/ LTM: 001	##Enquiry No.:
CONTRACTOR: BHEL - RANIPET			Rev NO.: 00	##Supplier Name:
			PAGE : Page 2 of 2	##Offer reference:
			DATE : 11.02.2025	##Date:
Sl. NO.	DESCRIPTION	BHEL and Ultimate Customer - Quality Requirements		##Specific confirmations by the vendor
08	Document package	Specific confirmation for Document Package in the event of an order (2 hard copies + Soft Copies in PDF file) is to be given containing the following with proper linkages (.)		
		<ul style="list-style-type: none"> i. Index Sheet ii. SQP iii. TCs identified by BHEL/Customer for record for "CHP" and Verification portion as given in. iv. Final Inspection Report + all applicable Test Certificates v. BHEL/BHEL authorized Inspection Agency report + TC vi. Type test reports conducted/submitted with approval 		

Supplier signature with seal

##" Bidder to clearly mention the deviation taken against this document in deviation format provided in the tender. In the event no deviation is taken it will be presumed that all the quality points in this document and specification are complied by the bidder without any deviation. NO deviation will be accepted once PO is placed. "



STANDARD QUALITY PLAN

ITEM : LT MOTOR

SQP NO: ADANI/QA/SQP/E/002
 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 1 of 9

Approved by QA

SL No.	COMPONENT/ OPERATION	CHARACTERISTICS	CATEGORY OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY			REMARKS	
					M	C/A				M	C	A		
1	2	3	4	5	6		7	8	9	*D	**10	11		
1. Boughtout Items / Raw Material														
1.1	A) C.I. Frame & End Bracket/Shield/Base Frame (If Applicable)	Visual Check for defects	Major	Visual	100%	100%	Mfg. Works Drg.	No casting defects	MTC		P	V	V	Weld Repair On Cast Frame Is Not Acceptable.
		Tensile Strength & Brinell Hardness		Mech	1 Sample/ Heat	1 Sample/ Heat	IS 210	IS 210		√	P	V	V	
		Dimension		Meas	1 Sample/ Lot	1 Sample/ Lot				√	P	V	V	
		Chemical Properties		Chemical	1 Sample/ Lot	1 Sample/ Lot				√	P	V	V	
		Pressure Testing (Applicable for flame proof motors only)		Mech	1 Sample/ Lot	1 Sample/ Lot	IEC 60079-I	IEC 60079-I		√	P	V	V	
	B) Fab.Frame & End Bracket/ Base Frame (If Applicable)	Visual Check for defects	Major	Visual	100%	100%	Mfg. Works Drg.	Smooth Finish	MTC/ITR		P	V	V	
		Dimension		Measure	1 Sample/ Lot	1 Sample/ Lot		Mfg. Works Drg.		√	P	V	V	
		Tensile Strength & % Elongation		Mech	1 Sample/ Lot	1 Sample/ Lot	IS 2062	IS 2062		√	P	V	V	
		Heat Treatment (Applicable for thickness above 18 mm)		Thermal	100%	100%	ASME SEC 8 DIV. 1 & 2	ASME SEC 8 DIV 1 & 2		√	P	V	V	
		Chemical Composition		Chemical	1 Sample /Lot	1 Sample /Lot	IS 2062	IS 2062		√	P	V	V	
1.2	Electrical Steel Stamping For Stator & Rotor	Dimensions	Major	Measure	1 Sample /Batch	1 Sample /Batch	IS 648 / IS 649	IS 648 / IS 649	MTC	√	P	V	V	
		Burr Height		Measure						√	P	V	V	
		Material		Mech						√	P	V	V	
		Core Loss		Elect						√	P	V	V	
		Stacking Factor								√	P	V	V	
		Insulation Resistance		Elect						√	P	V	V	



STANDARD QUALITY PLAN

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 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 2 of 9

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					M	C/A				M	C	A		
1	2	3	4	5	6		7	8	9	*D	**10			11
1.2	Electrical Steel Stamping For Stator & Rotor	Bend Test	Major	Measure	1 Sample/ Batch	1 Sample/ Batch	IS 648/IS 649	IS 648/IS 649	MTC	√	P	V	V	
		Coating Thickness		Elect						√	P	V	V	
		AC Magnetization								√	P	V	V	
1.3	Forged Shaft - Normalised (If Applicable)	Dimension & Visual	Major	Measure	100%	100%	Mfg. Works Drg.	Mfg. Works Drg.	ITR	√	P	V	V	Ultra sonic test is applicable for shaft dia 50mm & above. Refer Note- 2 At Page 11
		Chem. Composition	Major	Chemical	1 Sample / Heat	1 Sample / Heat	BS 970 IS 1570-4SCB (N)	BS 970 IS 1570-4SCB (N)	MTC	√	P	V	V	
		Mech Properties	Critical	Mech						√	P	V	V	
		I) % Elongation								√	P	V	V	
		II) Ultimate Tensile Strength								√	P	V	V	
		III) Hardness (If Applicable)								√	P	V	V	
		IV) Impact Test (If Applicable)								√	P	V	V	
	V) Yield Strength	√	P	V	V									
	Ultrasonic Test	Critical	NDT	100%	100%	ASTM A 388 & NOTE 2	ASTM A 388 & NOTE 2	NDT Report	√	P	V	V		
	Steel Shaft Rolled Bar (If Applicable)	Dimension	Major	Measure	100%	100%	Mfg. Works Drg.	Mfg. Works Drg.	MTC / ITR	√	P	V	V	Ultra sonic test is applicable for shaft dia 50mm & above.
Mechanical Properties		Critical	Mech	1 Sample / Heat	1 Sample / Heat	IS 1570-II / AISI 431	IS 1570-II / AISI 431	√		P	V	V		
Chemical Properties		Major	Chemical					√	P	V	V			
Ultra Sonic Test		Critical	NDT					ASTM A-388 & NOTE 2	ASTM A-388 & NOTE 2	NDT Report	√	P	V	V
1.3.1	Shaft Rib (If Applicable)	Chemical Comp.	Major	Visual	100%	100%	BS 970	BS 970	MTC	√	P	V	V	
		Mechanical Prop. (Tensile Strength & % Elongation)	Major	Measure	100%	100%				√	P	V	V	
		UT On Plates > 40Mm Thick	Major	NDT	100%	100%	ASTM A 435	ASTM A 435, (LAMINATION IN PLATE IS NOT ACCEPTABLE)	NDT Report	√	P	V	V	



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SQP NO: ADANI/QA/SQP/E/002
 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 3 of 9

Approved by QA

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					M	C/A				M	C	A		
1	2	3	4	5	6		7	8	9	*D	**10			11
1.4	Aluminum Die Cast Rotor (If Applicable)	Dimension (Core Length & Inner Diameter)	Major	Mech	100%	100%	Mfg. Works Drg.	Mfg. Works Drg.	MTC	√	P	V	V	
		Casting Defects	Major	Visual	100%	100%	No blow holes & crack	No blow holes & crack		√	P	V	V	
		Mechanical Properties of (Aluminum Ignott)	Major	Mech	1 Sample/ Lot	1 Sample/ Lot	IS 4026	IS 4026		√	P	V	V	
		Conductivity (of Aluminum Ignott)	Major	Elect						√	P	V	V	
		Chemical Composition	Major	Chemical						√	P	V	V	
		Aluminum Grade	Critical	Chemical						√	P	V	V	
1.5	Slip Ring (Applicable for slip ring motor only)	Dimension	Major	Measure	100%	100%	Mfg. Works Drg.	Mfg. Works Drg.	MTC	√	P	V	V	
		HV Test		Elect	100%	100%	Mfg. Works Std.	Mfg. Works Std.		√	P	V	V	
		Heat Sock Test		Elect	1 Sample / Lot	1 Sample / Lot				√	P	V	V	
1.6	Enamelled Copper Wire (If Applicable)	Dimension (Overall Diameter, Bare Diameter, Coating Thiickness, etc.)	Major	Measure	IS 13730	IS 13730	IS 13730	IS 13730	MTC	√	P	V	V	
		Elongation		Mech						√	P	V	V	
		Heat Shock		Mech						√	P	V	V	
		Resistance to Abrasion		Elect						√	P	V	V	
		Peel Test		Visual						√	P	V	V	
		Cut Through Test		Elect						√	P	V	V	
		Break Down Voltage @ Room Temperature		Elect						√	P	V	V	
		Mandrel Winding Test		Mech						√	P	V	V	
		Continuity Test (Pin Hole Test)		Elect						√	P	V	V	



STANDARD QUALITY PLAN

ITEM : LT MOTOR

SQP NO: ADANI/QA/SQP/E/002
 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 4 of 9

Approved by QA

SL No.	COMPONENT/ OPERATION	CHARACTERISTICS	CATEGORY OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY			REMARKS
					M	C/A				M	C	A	
1	2	3	4	5	6		7	8	9	*D	**10	11	
1.7	Double Glass Lapped Enamelled Copper Conductor (If Applicable)	Tensile Strength, % Elongation, Cu Purity, Oxygen Content & Flexibility, Hardness	Major	Verify	1 Sample/ Lot	1 Sample/ Lot	IS 10114	IS 10114	MTC	√	P	V	V
		Breadk Down Voltage Test		Elec	1 Sample /Lot	1 Sample /Lot				√	P	V	V
		Dimension		Measure						√	P	V	V
		Resistivity		Elec						√	P	V	V
1.8	High Conductivity Annealed Copper Strip Covered By Film Backed Mica, Paper Tape (If Applicable)	Dimension	Major	Measure	1 Sample / Lot	1 Sample / Lot	Mfr Std / Spec	Mfr Std / Spec	MTC	√	P	V	V
		Chemical Composition		Chemical						√	P	V	V
		Breadk Down Voltage Test		Elect						√	P	V	V
		Tensile Strength		Mech						√	P	V	V
		Resistivity		Elect						√	P	V	V
		Springness		Measure						√	P	V	V
1.9 Rotor Conductor For Sq. Cage Rotor													
1.9.1	Hard / Half Hard Drawn Copper Bar (If Applicable)	Dimension	Major	Measure	Sample	Sample	BS 1432/ BS 1433/ IS 1897	BS 1432/ BS 1433/ IS 1897	MTC	√	P	V	V
		Conductivity		Elec						√	P	V	V
		Mech Properties		Measure						√	P	V	V
		Chemical Composition								√	P	V	V
		Oxygen Content								√	P	V	V
1.9.2	Forged Copper End Ring (If Applicable)	Dimension	Major	Measure	Sample	Sample	BS 6017	BS 6017	ITR	√	P	V	V
		Conductivity		Elec	Sample/ Heat	Sample/ Heat				√	P	V	V
		Chem. Composition		Chem	√	P				V	V		
		Ultrasonic Test	Major	NDT	100%	100%	ASME SEC 5	ASME SEC 5, NO DEFECT IS ALLOWED	MTC	√	P	V	V



STANDARD QUALITY PLAN

ITEM : LT MOTOR

SQP NO: ADANI/QA/SQP/E/002

REV. NO.:02

DATE: 12.03.2016

PAGE: 5 of 9

Approved by QA

SL No.	COMPONENT/ OPERATION	CHARACTERISTICS	CATEGORY OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY			REMARKS	
					M	C/A				M	C	A		
1	2	3	4	5	6		7	8	9	*D	**10			11
1.10	Insulating Paper	Type of Paper	Major	Visual	IEC 60626	IEC 60626	IEC 60626	IEC 60626	MTC	√	P	V	V	
		Thickness		Mech						√	P	V	V	
		Tensile Strength		Mech						√	P	V	V	
		Thermal Properties		Thermal						√	P	V	V	
		Dielectric Strength (BDV)		Elect						√	P	V	V	
1.11	Mica Paper (If Applicable)	Thickness	Major	Measure	1 Sample/ BaTCh	1 Sample/ BaTCh	IS 10192	IS 10192	MTC		P	V	V	
		BDV Test		Elec							P	V	V	
		Shelf Life		Visual						100%	100%		P	
1.12	Rotor Turning	Dimesion	Major	Visual	100%	100%	App. Drg	APP. DRG	ITR		P	V	V	
1.13	Varnish	Shelf Life	Major	Visual	1 Sample/ Batch	1 Sample/ Batch	IS 10026	IS 10026	MTC	√	P	V	V	
		Colour & Appearance		Visual						√	P	V	V	
		Curing in Thin Layer		Visual						√	P	V	V	
		Solid Content		Measure						√	P	V	V	
		Compatibility with Thinner		Visual						√	P	V	V	
		Viscosity		Mech						√	P	V	V	
1.14	Single Pack Solvent Less Epoxy Resin	Applied Viscosity	Major	Measure	1 Sample / Lot	1 Sample / Lot	Manufactuer's Standard / Spec	Manufactuer's Standard / Spec	ITR		P	V	V	
		Gel Time									P	V	V	
1.15	Tape For Over Hang	Thickness & Width	Major	Measure	1 Sample/ BaTCh	1 Sample/ BaTCh	Manufactuer's Standard / Spec	Manufactuer's Standard / Spec	MTC		P	V	V	
		Glass Fiber Content		Test							P	V	V	
		High Voltage Test		Elect							P	V	V	
1.16	Glass Fibre Sleeving (If Applicable)	Bore Dia	Major	Measure	1 Sample/ BaTCh	1 Sample/ BaTCh	IS 11654 PT 2	IS 10192	MTC		P	V	V	
		Wall Thickness									P	V	V	
		High Voltage Test		Elec							P	V	V	
1.17	Epoxy Glass Laminated Sheet (Wedges) (If Applicable)	Thickness	Major	Measure	1 Sample/ BaTCh	1 Sample/ BaTCh	IS 10192	IS 10192	MTC		P	V	V	
		High Voltage Test									P	V	V	



STANDARD QUALITY PLAN

ITEM : LT MOTOR

SQP NO: ADANI/QA/SQP/E/002
 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 6 of 9

Approved by QA

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					M	C/A				M	C	A		
1	2	3	4	5	6		7	8	9	*D	**10	11		
1.18	Bearing and Grease	Type & Make	Major	Visual	100%	100%	Mfg. Catalouge	As per plant standard/ drawing	ITR		P	V	V	
1.19	Space Heater (If Applicable)	High Voltage (2kV for 01 minute)	Major	Elec	100%	100%	Approved Datasheet	Withstood	ITR		P	V	V	
		Resistance						P			V	V		
		Insulation Resistance		P				V			V			
		Dimension		Measure				Sample			Sample	P	V	V
1.20	R.T.D./B.T.D (If Applicable)	Insulation Resistance	Major	Elec	100%	100%	IS 2848	IS 2848	MTC		P	V	V	
		High Voltage (2kV for 01 minute)					Approved Datasheet	Withstood			P	V	V	
		Resistance		IS 2848			IS 2848	P			V	V		
		Pull Out Test		Mfg. Catalouge			Mfg. Catalouge	P			V	V		
1.21	B.T.D (Dial Type) (If applicable)	Check For Visual Damage	Major	Visual	100%	100%	Works Drawing	Works Drawing	MTC / ITR		√	P	V	V
		Calibration		Verify							√	P	V	V
1.22	Fan (M.S. / Plastic - If Applicable)	Dimension	Major	Measure	Sample	Sample	Works Drawing/ IS 2062	Works Drawing/ IS 2062	MTC		P	V	V	
		Chemical & Mechanical (For M.S.)		Test							P	V	V	
2 .In-Process Inspection														
2.1	Stator Frame	Dimension	Major	Measure	100%	100%	Mfg. Works Drg.	Mfg. Works Drg.	ITR		P	V	V	
		Appearance		Visual			Free from defects	Free from defects			P	V	V	
2.2	Stator & Rotor Core Building	Core Length & Inner diameter	Major	Measure	100%	100%	Mfg. Works Drg.	Mfg. Works Drg.	ITR		P	V	V	
		Slot Alignment		Visual							P	V	V	
		Core Rigidity	Major	Visual							P	V	V	
		Cleanliness		Measure							P	V	V	
2.3	Wound Stator	Surge Test	Major	Elec	100%	100%	Works Std	Works Std	ITR		P	V	V	
		Insulation Resistance (Before & After HV)					IS 325	IS-325			P	V	V	
		High Voltage Test					Withstood	P			V	V		
		Winding Resistance					Works Drg.	Works Drg.			P	V	V	
2.4	Rotor Cage Assembly	Visual Test	Major	Visual	100%	100%	Works Std	Works Std	ITR		P	V	V	
		UT Of Brazed Cage Rotor		NDT							P	V	V	
		Dynamic Balancing (Residual Unbalance)		Visual							ISO 1940	ISO 1940	P	V



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 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 7 of 9

Approved by QA

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					M	C/A				M	C	A			
1	2	3	4	5	6		7	8	9	*D	**10			11	
2.5	Varnish Impregnation	Preheating	Major	Measure	100%	100%	Mfr Std / Spec	Mfr Std / Spec	ITR		P	V	V		
		Curing Cycle									P	V	V		
		Baking Temperature									P	V	V		
		Pressure			P	V					V				
		Gel Time			P	V					V				
		Viscosity			02 Sample/ Shift	02 Sample/ Shift					P	V	V		
		Vacuum Pressure Impregnation (If Applicable)			Daily	Daily					P	V	V		
3. Final Motor															
3.1	Complete Motor	Location Of Terminal Box etc	Major	Visual	100%	100%	App GAD	App GAD	IR		√	P	V	V	
		Marking On Rating Plates & Earthing Arrangement		Measure							√	P	V	V	
		Shaft Run Out		IS 2223							√	P	V	V	
3.2	Final Assembly & General Check	Fitting Of Sub Assembly & Components	Major	Visual / Measure	100%	100%	Works Drg & Datasheet	Works Drg & Datasheet	IR		√	P	H	H	
		Fitting Of Accessories e.g. RTD, BTD, Heaters, etc.		Measure			BOM	Works Drg & Datasheet			√	P	H	H	
		Dimensional Check		GA DRG.			√	P			H	H			
3.3	Terminal Marking	General Check	Major	Visual	100%	100%	Works Drg.	Works Drg & Datasheet			√	P	H	H	
3.4	Acceptance Test	DC Resistance Measurement Of Stator Winding, Rotor Winding (for slip ring motor only), RTD, BTD & Space Heater at ambient Temp.	Critical	Elec	100%	100%	IS 325, IS 4029 IEC 60034	IS 325, IS 4029 IEC 60034	IR		√	P	H	H	
		O.C. Voltage ratio of stator & rotor windings (for slip ring motor only)					IS 325, IS 4029 IEC 60034	IS 325, IS 4029 IEC 60034			√	P	H	H	



STANDARD QUALITY PLAN

ITEM : LT MOTOR

SQP NO: ADANI/QA/SQP/E/002
 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 8 of 9

Approved by QA

SL No.	COMPONENT/ OPERATION	CHARACTERISTICS	CATEGORY OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY			REMARKS			
					M	C/A				M	C	A				
1	2	3	4	5	6		7	8	9	*D	**10	11				
3.4	Acceptance Test	IR Measurement Of Widg. Space Heater & RTD, BTD Before & After HV Test	Critical	Elec	100%	100%	IS-4722-1992	IS-4722-1992	IR	√	P	H	NOTE 1: Type Test Certificate. not Older Than Five Years from the date of award duly reviewed & accepted by Owner'S Engg For Similar Type, Size & Rating Of Motor shall be submitted along with Inspection Call. In Case The Type Test Is Specially Required As Per The Technical Spec., Same Shall Be Witnessed.			
		No-Load Test at 90% 100% & 110% of rated voltage and measure no load power, current & no load speed.								√	P	H		H		
		Reduced voltage running up test (for squirrel cage motors)						IS 325, IS 4029 IEC 60034		√	P	H		H		
		Locked Rotor Test at rated Current & measure Voltage , Power						IS 325, IS 4029 IEC 60034		√	P	H		H		
		Polarization Index								√	P	H		H		
		High Voltage Test For Winding, RTD, BTD & Space Heater						Withstood		√	P	H		H		
		Over Speed Test At 120% Of Rated speed for 02 min						IS 325 & IEC 60034		√	P	H		H		
		Phase Sequence, Direction Of Rotation & Motor RPM						App Drg		√	P	H		H		
		Vibration Measurement at Rated Speed & Voltage					Mech	IS 12075, IS 325 & IEC 60034		√	P	H		H		
		Noise Measurement at Rated Speed & Voltage						IS 12065, IS 325 & IEC 60034		√	P	H		H		
		Visual Check, Dimension, & Cable Entry, Location Of Main Terminal Box		Visual			App Drg	√		P	H	H				
		Marking On Rating Plate, Earthing Arrangement					App Drg	√		P	H	H				
		Degree Of Protection		Verify			IS-12063	IS-12063		T.C	√	P		V	V	Test Certificate Shall Be Reviewed.



STANDARD QUALITY PLAN

ITEM : LT MOTOR

SQP NO: ADANI/QA/SQP/E/002
 REV. NO.:02
 DATE: 12.03.2016
 PAGE: 9 of 9

Approved by QA

SL No.	COMPONENT/ OPERATION	CHARACTERISTICS	CATEGORY OF CHECK	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORD	INSPECTION AGENCY			REMARKS	
					M	C/A				M	C	A		
1	2	3	4	5	6		7	8	9	*D	**10			11
3.5	Painting & Finishing	Finish, Shade, DFT & Adhesion	Major	Visual	100%	100%	App Drg & Datasheet	App Drg & Datasheet	IR	√	P	H	H	

NOTE 2: ACCEPTANCE NORM FOR UT OF SHAFT:-
 1) CRACKS, FLAKES, SEAMS & LAPS ARE NOT ACCEPTABLE IN THE SHAFT FORGING.
 2) FOLLOWING DEFECTS IN THE OUTER REGION OF SHAFT BETWEEN 75% TO 100% OF SHAFT RADIUS ARE NOT ACCEPTABLE:-
 I) ANY DEFECT GIVING INDICATION LARGER THAN THAT FROM 2MM DIAMETER EQUIVALENT FLOW.
 II) GROUP OF DEFECT WITH MAX. INDICATION LESS THAN THAT FROM A 2 MM DIAMETER EQUIVALENT FLOW WHICH CANNOT BE SEPARATED AT TESTING SENSITIVITY, IF THE BACK ECHO IS REDUCED TO LESS THEN 70% OF FSH.
 III) THE DEFECTS GIVING INDICATIONS OF 1 TO 2 MM DIAMETER EQUIVALENT FLOW SEPARATED BY A DISTANCE LESS THEN FOUR TIMES THE SIZE OF THE LARGER OF THE ADJACENT FLOWS.
 3) FOLLOWING DEFECTS IN THE SHAFT BETWEEN CENTRE OF THE SHAFT TO 75% OF SHAFT RADIUS ARE NOT ACCEPTABLE:-
 I) ANY DEFECT GIVING INDICATION LARGER THAN THAT FROM 4 MM DIAMETER EQUIVALENT FLOW.
 II) GROUP OF DEFECT WITH MAX. INDICATION LESS THAN THAT FROM A 4 MM DIAMETER EQUIVALENT FLOW WHICH CANNOT BE SEPARATED AT TESTING SENSITIVITY, IF THE BACK ECHO IS REDUCED TO LESS THEN 50% OF FSH.
 III) THE DEFECTS GIVING INDICATIONS OF 2 TO 4 MM DIAMETER EQUIVALENT FLOW SEPARATED BY A DISTANCE LESS THEN FOUR TIMES THE SIZE OF THE LARGER OF THE ADJACENT FLOW..

NOTE 3: THIS SQP IS APPLICABLE FOR 45 kW & ABOVE RATING MOTORS. BELOW 45 kW MOTORS, MANUFACTURER TO CARRYING OUT INTERNAL ROUTINE TEST AND TEST REPORT OF SAME TO BE SUBMITTED FOR REVIEW.

LEGEND:- D* Records identified with tick (√) shall be essentially included by supplier & manufacturer in Quality Documentation package.
 ** M: Manufacturer / Sub-Supplier, C: Main Supplier, A: Adani or their authorized representative.
 Use the following term as appropriate in columns 10. P: Perform, V: verification and H: Customer Hold Point to be witnessed and work shall not proceeded till it is witnessed and cleared in writing.
 Format of Record: MTC: Manufacturer/Sub-supplier Test Certificate, ITR: Inprocess Test Report/Record, IR: Inspection Report

GENERAL NOTE:-
 - Manufacturer should have all the in house testing (Acceptance & Routine Test) facilities for LT Motor.
 - Testing Instruments used during Inspection must be calibrated from NABL accredited lab only. Instruments used during testing should be within valid calibration date.

UNDERTAKING

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: GeM Bid Specification No:

I/We, _____ declare that,

I/We am/are not admitted under insolvency resolution process or liquidation under Insolvency and Bankruptcy Code, 2016, as amended from time to time or under any other law as on date, by NCLT or any adjudicating authority/authorities.

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

Place:

Date:

*(To be submitted In the company letter head by supplier)

Declaration of Local Content by Local supplier

Subject: Public Procurement (Preference to Make In India)

References:

Preference to Make in India including counter offering will be as per the Public Procurement (Preference to Make in India), Order 2017 available in the following links <https://dipp.gov.in/public-procurements>

http://dipp.nic.in/sites/default/files/publicProcurement_MakeinIndia_15June2017.pdf

http://dipp.nic.in/sites/default/files/Revised-PPP-MII-Order-2017_28052018.pdf

https://dipp.gov.in/sites/default/files/PPP-MII%20Order%20dt%2029th%20May%2019_0.pdf

<https://dipp.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.pdf>

We hereby declare with reference to above subject and references that

M/s -----(Tick whichever is applicable as below)

"Class-I local supplier" meeting the requirement of minimum local content equal to 50% (fifty percent) or more defined in the above government notification for the goods and services

(or)

"Class-II local Supplier" meeting the requirement of local content 20% to less than 50% (fifty percent) defined in the above government notification for the goods and services

(or)

Non Local supplier (If not belonging to Class-I & Class-II)

Please mention the details against the following:

Enquiry no:----- dated. -----

Type of Supplier (Class-I/Class-II)

Product:-----

Project:.....

Details of location at which local value addition will be made is as follows: _____

We also understand that the false declarations will be in breach of the code of Integrity under rule 175(1)(i)(h) of the General financial rules for which a bidder or its successors can be debarred for up to two years as per Rule 151(iii) of the General Financial Rules along with such other actions as may be permissible under law.

Authorized Signature M/s-----

(Signature and seal)

Place:.....

Date:.....

***(To be submitted In the company letter head by supplier)**

Subject: Public Procurement (Insertion of Rule 144 xi in the General Financial Rules 2017)

References:

<https://doe.gov.in/sites/default/files/OM%20dated%2023.07.2020.pdf>

<https://doe.gov.in/sites/default/files/Clarification%20to%20order%20public%20Procurement%20N%201%20dated%2023%20July%202020.pdf>

<https://doe.gov.in/sites/default/files/Exclusion%20from%20restrictions%20under%20Rule%20144%20xi%20of%20the%20General%20Financial%20Rules%202017.pdf>

From.

M/s _____

Address: _____

I/we are bidder from _____ (country). We does not belong to any of the below category mentioned.

1. Any of entity/office/workshop of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.
2. Any of subsidiary of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.
3. Any of entity/office/workshop of your organisation/incorporation, controlled in a country sharing land border with India, If yes, provide the full address of all such locations.
4. Any of entity whose beneficial owner is situated in a country sharing land border with India, If yes, provide the full name, address of all such locations.
5. Any Indian Agent available, If so, Provide details of address and contacts.
6. Any employee/directors who is/are citizen of country sharing land border with India, If yes, provide the full name, employee code and address of all such locations.
7. Any of consortium/joint venture of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.

***(To be submitted In the company letter head by supplier)**

Meaning of beneficial owner

- 1) In case of a company or limited liability partnership, beneficial owner is the natural person, who, whether acting alone or together, or through one or more judicial person, has a controlling ownership interest or who exercises control through other means.

Explanation

- a) Controlling ownership interest means ownership of or entitlement to more than twenty-five percent of shares or capital or profits of the company.
 - b) "control" shall include the right to appoint majority of the directors or to control the management rights or shareholder's agreement or voting agreement.
- 2) In case of a partnership firm the beneficial owner is the natural person (s) who whether acting alone or together or through one or more judicial person, has ownership of the entitlement to more than fifteen percent of capital or profits of the partnership.
 - 3) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more judicial person, has ownership of the entitlement to more than fifteen percent of the property or capital or [profits of such association or body of individual.
 - 4) Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.
 - 5) In case of a trust, the identification of beneficial owner (s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust and any other natural person exercising the ultimate effective control over the trust through a chain of control of ownership.
 - 6) An agent is a person employed to do any act for another, or to represent another in dealing with third person.

We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India, we hereby declare that we do not belong to any such country and are eligible to be considered.

In case, any of information is found to be false, even after bid acceptance, immediate termination may happen and action will be taken as per law.

Format is being filled without altering any of the clause mentioned in the given format**

Dated: _____

Authorised Sign and stamp _____

CONFLICT OF INTEREST

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

Enquiry No & dt.....

(Signature & seal of Authorized Signatory of the bidder)

Date:

DECLARATION FOR RELATION IN BHEL

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration for relation in BHEL

Ref: 1) GeM Bid Specification No:

I/We hereby submit the following information pertaining to relation/relatives of Proprieter/Partner(s)/ Director(s) employed in BHEL

Tick (√) any one as applicable:

1. The Proprieter, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprieter, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

i.

ii.

(Signature, Date & Seal of Authorized Signatory of the Bidder)

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

MSE CATEGORY DECLARATION

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer.

<i>Type under MSE</i>	<i>SC/ST Owned</i>	<i>Women Owned</i>	<i>Others (excluding SC/ST & Women Owned)</i>
<i>Micro</i>			
<i>Small</i>			

Note: If the bidder does not furnish the above in the tender, offer shall be processed construing that the bidder is not falling under MSE category.

(Signature & seal of Authorized Signatory of the bidder)

Date:

Bidders shall submit duly signed and sealed pdf files of the Buyer Added Bid Specific ATC.

Additional Technical Conditions for Purchase orders

Buyer Added Bid Specific Additional Terms & Conditions (ATC)

SL	Terms	Description
1	PQR-Technical / Financial	Shall be as per Tender
2	SCOPE OF SUPPLY	As per Bid
3	<p><u>INSPECTION / INSPECTION & TESTING AT SUPPLIERS WORKS:</u> BHEL will reserve the right to inspect/test the material during/after manufacturing at suppliers' works, and/or at BHEL Site. In case of rejection at any stage, Supplier/Vendor shall be liable to replace the materials at his own cost.</p>	
4	<p><u>DELIVERY:</u> 60 Days from <u>NOTE:</u> a) If the delivery of supply as detailed above gets delayed beyond the delivery period, the Supplier/Vendor shall request for a delivery extension and BHEL at its discretion may extend the Contract. However, if any delivery extension is granted to the Supplier/Vendor for completion of supply, due to backlog attributable to the Supplier/Vendor, then it shall be without prejudice to the rights of BHEL to impose LD for the delays attributable to the Supplier/Vendor.</p>	
5	<p><u>TRANSIT INSURANCE: (as per details received in Indent)</u> Transit Insurance of material is in Supplier/Vendor's scope. Supplier/Vendor shall insure the material at their cost for transportation.</p>	
6	<p><u>PAYMENT TERMS:</u> a) FOR NON MSME Bidders, 100% payment shall be released within 90 days from the date of acknowledged receipt & acceptance of material at site and submission of billing documents as mentioned in sl. no. 08 below. b) FOR MSME Bidders, 100% payment shall be released within 45 days from the date of acknowledged receipt & acceptance of material at site and submission of billing documents as mentioned in sl. no. 08 below. c) FOR MEDIUM ENTERPRISES Bidders, 100% payment shall be released within 60 days upon receipt & acceptance of material at site and submission of billing documents as mentioned in sl. no. 08 below. However, GST will be applicable as per existing GST norms d) NO INTEREST PAYABLE TO CONTRACTOR No interest shall be payable on the security deposit or any other money due to the Contractor".</p>	

7	<p>DOCUMENTS REQUIRED ALONG WITH DISPATCH OF MATERIAL/BILLING DOCUMENTS: The following documents are required to be sent with material dispatch/Billing Documents:</p> <ul style="list-style-type: none"> • Original Tax Invoice (As per Cl. No. 4 above). • Copy of LR. • Warranty Certificate.
8	<p><u>BILL TO/ SHIP TO ADDRESS:</u> Bill to: AGM/ Purchase, INDIRA GANDHI INDUSTRIAL COMPLEX, BOILER AUXILIARIES PLANT, BHEL RANIPET, 632406 Ship to: AGM/ Stores, INDIRA GANDHI INDUSTRIAL COMPLEX, BOILER AUXILIARIES PLANT, BHEL RANIPET, 632406</p>
9	<p><u>GUARANTEE/WARRANTY:</u> - Refer clause 8.0 of Technical Specification cum Compliance certificate for Depressed Centre Wheel.</p>
10	<p>Order of Precedence: In the event of any ambiguity or conflict between the Tender Documents, the order of precedence shall be in the order below:</p> <ol style="list-style-type: none"> a. Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL. b. Buyer Added Bid Specific ATC c. Bid / Technical Conditions of Contract (TCC) / GCC
11	<p>NOTE: As per GCC</p> <ol style="list-style-type: none"> 1. BHEL reserves its right to reject an offer due to unsatisfactory past performance by the respective Vendor in the execution of any contract to any BHEL project / Unit. 2.. The offers of the bidders who are under suspension and also the offers of the bidders, who engage the services of the banned firms /principal/agents, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com.
12	<p><u>Enclosure:</u> Annexure-4: Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings - may be as part of bid ATC, deviation may be liable for rejection Annexure-11: Declaration for relation in BHEL - Proposed below ATC term shall be – Unless declared as per format, it shall be treated as bidder has no relation with BHEL. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor. Annexure- 12: Declaration reg. minimum local content in line with revised public procurement – As per MII format</p>

Additional Terms and Conditions

1. Bid Price: The Bidder has to quote the Landed Price inclusive of Packing & Forwarding charges, all the routine & type tests as per tender scope, taxes, duties, freight and insurance etc. as specified in tender document.
2. Apply/Select for Make in India Class-1 supplier if eligible.
3. Apply/ select for MSE if eligible.
4. Bidder fulfilling the PQR criteria shall only qualify for this bid.
5. Bidder should upload PQR and technical specification after confirmation with seal & sign.
6. GST invoice: PO No., PO Description, Material code in GST invoice shall be as per BHEL Purchase order, which will be released after order confirmation. The GST invoice in hard copy or digitally signed shall only be accepted for payment by BHEL.
7. As per BHEL circular over conflict of interest among bidders/agent: A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anticompetitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if: (a) They have controlling partner (s) in common; or b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or (c) they have the same legal representative/agent for purposes of this bid; or (d) they have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or (e) Bidder participates in more than one bid in this bidding process. Participation by a bidder in more than one bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly / assemblies from. one bidding manufacturer in more than one bid; or (f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/dealer. There can be only one bid from the following: 1. The principal manufacturer directly or through one Indian agent on his behalf; and 2. Indian/foreign agent on behalf of only one principal, or (g) A bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid, or (h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same / similar line of business.
8. Please submit your most competitive offer (on firm price basis).
9. Fill up sign & submit annexure A&B, Annexure Q, MQP, Udyam reg. Certificate, bidder eligibility, conflict of interest, local content % etc. Along with technical bid
10. If any conflict in GCC and NIT, "NIT-terms will be prevailed"

Confidentiality Notice

All documents such as specifications, terms and conditions and all correspondence sent to a Seller by BHEL on a tender / order are to be treated as the confidential document of BHEL. All such tender / order-related documents issued by BHEL are to be treated with the same level of confidentiality that the receiver would bestow on their confidential documents. It is to be understood that downloading the documents from the web constitutes the acceptance of this confidentiality clause of BHEL.

This provision does not apply to documents freely and is already in the public domain.

In their own interest, if any Seller finds or becomes aware of any internal communication of BHEL, in the public domain, it shall be the responsibility of such Seller to bring it to the notice of BHEL for clarification /immediate and appropriate action by BHEL. Any action or attempts taken by a Seller in

leveraging such information shall be deemed as an unethical act and shall attract such extant provisions of BHEL's procurement policies.

Material Rejection and Returns

If the supplied materials are rejected at our stores, it shall be the responsibility of the supplier to collect the rejected goods from our stores, at their cost and risk, within a reasonable period of 30 days from the date of intimation of the rejection.

The loading of the rejected goods at BHEL stores onto the vehicles placed by the supplier will be done by BHEL and such loading charges incurred along with the unloading charges incurred by BHEL for the unloading of the rejected goods will be to the account of the supplier. The unloading and loading charges incurred by BHEL will be raised on the supplier and the same shall be deducted from any of the pending bills of the supplier. In case there are no pending bills, then such amount incurred will be recovered from payments due for replacement goods to be supplied by the supplier. Or alternatively, such amounts shall be recovered from the payments due to the supplier, if any, for materials supplied to other BHEL Unit(s).

If the supplier fails to lift the materials within the stipulated period of 30 days, either the goods will be booked on a freight-to-pay basis to the supplier through any one of the contracted carriers of BHEL and the documents shall be negotiated through bank, or BHEL shall dispose off the rejected materials on their own. The costs incurred for such disposal shall be to the account of the supplier. Where the goods are disposed off, by BHEL, the supplier shall have no claim on whatsoever proceeds that BHEL may get out of such action.

Set Off clause

In the event any quantities are pending to be supplied against any purchase order by a seller, subject to the terms and conditions of the order, BHEL reserves the right to account the quantities of the same item supplied in a later order, by the Seller, against the unfulfilled previous order.

In such cases of default in the complete execution of an order, BHEL, shall stand authorised at any time, and from time to time, without any prior notice to the Seller, to set off and apply any and all supplies made against the current order to the account of the previously issued purchase order of the same item.

Payment terms

For MSE Vendors – within 45 days (10 days for the PO value less than 1 Lakh) from material receipt and acceptance of material at BHEL Stores For Medium category Vendors- within 60 days (10 days for the PO value less than 1 Lakh) from material receipt and acceptance of material at BHEL Stores. For Non-MSME Vendors – within 90 days (10 days for the PO value less than 1 Lakh) from material receipt and acceptance of material at BHEL Stores.

a) Payment date shall not be based on the date of invoice. Hence, it is advised that bills are to be sent to BHEL/MM/Purchase – Dealing staff immediately (after dispatch) with complete required documents for processing bills. Seniority of payment shall be based on the date of clearing of bills by BHEL after scrutinising documents like Invoice, LR (original), BG, Packinglist, Guarantee Certificate, etc as called for in the BHEL Purchase Order and other documents as per law of land

All Suppliers of BHEL are informed that the facility for online invoice registration and document uploading has been enabled in the SUVIDHA Portal (<https://suvidha.bhel.in/suvidha/>). **With effect from 01-October-2025, it shall be mandatory for all Suppliers / Contractors of BHEL to register their invoices to be exclusively through the system along with the requisite documents.**

Irrespective of the value of the invoice amount, the bidder / vendor should necessarily upload the despatch & invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/>, prior to despatch. All documents as per PO checklist, along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and up to Rs five lakhs, in case they were not digitally signed and uploaded on the portal.

***(To be submitted In the company letter head by supplier)**

Subject: Public Procurement (Insertion of Rule 144 xi in the General Financial Rules 2017)

References: <https://doe.gov.in/sites/default/files/OM%20dated%2023.07.2020.pdf>

<https://doe.gov.in/sites/default/files/Clarification%20to%20order%20public%20Procurement%20N0%201%20dated%2023%20July%202020.pdf>

<https://doe.gov.in/sites/default/files/Exclusion%20from%20restrictions%20under%20Rule%20144%20xi%20of%20the%20General%20Financial%20Rules%202017.pdf>

From.

M/s _____

Address: _____

I/we are bidder from _____ (country). We does not belong to any of the below category mentioned.

1. Any of entity/office/workshop of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.
2. Any of subsidiary of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.
3. Any of entity/office/workshop of your organisation/incorporation, controlled in a country sharing land border with India, If yes, provide the full address of all such locations.
4. Any of entity whose beneficial owner is situated in a country sharing land border with India, If yes, provide the full name, address of all such locations.
5. Any Indian Agent available, If so, Provide details of address and contacts.
6. Any employee/directors who is/are citizen of country sharing land border with India, If yes, provide the full name, employee code and address of all such locations.
7. Any of consortium/joint venture of your organisation/incorporation, established in a country sharing land border with India, If yes, provide the full address of all such locations.

***(To be submitted In the company letter head by supplier)**

Meaning of beneficial owner

- 1) In case of a company or limited liability partnership, beneficial owner is the natural person, who, whether acting alone or together, or through one or more judicial person, has a controlling ownership interest or who exercises control through other means.

Explanation

- a) Controlling ownership interest means ownership of or entitlement to more than twenty-five percent of shares or capital or profits of the company.
 - b) <control= shall include the right to appoint majority of the directors or to control the management rights or shareholder's agreement or voting agreement.
- 2) In case of a partnership firm the beneficial owner is the natural person (s) who whether acting alone or together or through one or more judicial person, has ownership of the entitlement to more than fifteen percent of capital or profits of the partnership.
 - 3) In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more judicial person, has ownership of the entitlement to more than fifteen percent of the property or capital or [profits of such association or body of individual.
 - 4) Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official.
 - 5) In case of a trust, the identification of beneficial owner (s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust and any other natural person exercising the ultimate effective control over the trust through a chain of control of ownership.
 - 6) An agent is a person employed to do any act for another, or to represent another in dealing with third person.

We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India, we hereby declare that we do not belong to any such country and are eligible to be considered.

In case, any of information is found to be false, even after bid acceptance, immediate termination may happen and action will be taken as per law.

Format is being filled without altering any of the clause mentioned in the given format**

Dated: _____

Authorised Sign and stamp_____

Format for Preventive Measures to Address Conflict of Interest among Bidders/
Agents

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

Date: _____

Reference(s):

- (1) BHEL Circular no. 3 of 2025-26, dt 05-06-2025 (AA:SSP:Col)
- (2) DoE Manual for procurement of Goods 2024, Gol

Subject: Declaration against BHEL Tender/ Enquiry/ Bid Number _____
Dated _____ regarding 'conflict of interest' shall be treated as part of tender, which should be signed by the authorized signatory of the bidder.

Treatment in case of case of conflict of interest:

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i. If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii. The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii. Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.

- iv. A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

By signing this this document, The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

Yours faithfully,

(Signature, date & seal of authorized
representative of the bidder)

Date:

Place:

Note: Bidders having a conflict of interest shall not be eligible to participate in the tender process.

Format for declaration as per Public Procurement Policy for MSEs Order, 2012

To be provided on company letterhead

To,
Bipin Ranjan
Manager-Purchase
BAP, BHEL-Ranipet 632 406
(Name and address of Purchase officer)

Date: _____

Subject: Declaration as per Public Procurement Policy for MSEs Order, 2012

Followings are declared herewith

Type under MSE	SC/ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)
Micro			
Small			

UDYAM registration certification Number: _____

UDYAM registration assessment year: _____

Authorized signatory

Note:

1. UDYAM registration shall be attached, failing which declaration shall be treated as null and processed as bidder has not furnished the requirement. Accordingly, offer shall be processed construing that the bidder is not falling under MSE category.
2. Any Bidder falling under MSE category shall furnish the required details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer.