

BHARAT HEAVY ELECTRICALS LIMITED **Electronics Division** PB No. 2606, Mysore Road Bangalore - 560026**INDIA** 

RFQ NUMBER: SSNE000033

RFQ DATE:

Due Date/Day: Time

Please submit your lowest quotation subject to our terms and conditions attached for the material mentioned below. "Quotation to be submitted in E Procurement portal

Purchase Executive: Saurabh Niranjan

(for all correspondence)

Phone: 080-26998935

E-mail: saurabhniranjan@bhel.in

Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date
1	SA0481126015 TRFMR 4KVA 3PH YND11 350/415V  * HSN/SAC : 3926  Test Certificate  TRANSFORMER CONTROL 4KVA,3PH,50HZ ; LV: 350V HV:415V; VECTOR  GROUP:YND11 ; LV TAP:+/-5%,+/-10%; IMPEDANCE:4%; INSULATION CLASS:B ; INSULATION LEVEL: 4KV 50HZ FOR 1MIN. NO LOAD CURRENT SHALL BE < 15% OF  FULL LOAD CURRENT . TRANSPARENT POLY CARBONATE 8MM SHEET ABOVE  TERMINALS; NICKEL PLATED BRASS STUDE TERMINALS; EARTHED SCREEN BETWEEN HV  & LV REQUIRED REF.:IS2026,IS11171 ,ED7461195.	)	NO	2 1 3	22.05.2024 22.05.2024 22.05.2024
2	**HSN/SAC: 3926  Test Certificate  TRANSFORMER CONTROL 4KVA, 3 PHASE,50HZ, LV=165V, HV=350V; VECTOR GROUP :DYN11; HV TAP:+/-5%,+/-10%; IMPEDENCE: 4%; INSULATION CLASS:B, INSULATION LEVEL: 4KV,50HZ,1MIN.; NO LOAD CURRENT SHALL BE < 15% OF FULL LOAD CURRENT; TRANSPARENT POLY CARBONATE 8MM SHEET ABOVE TERMINALS; NICKEL PLATED BRASS STUDE TERMINALS; EARTHED SCREEN BETWEEN HV & LV WINDING REQUIRED; REF.:IS2026,IS11171 ED7461195		NO	2 1 3	22.05.2024 22.05.2024 22.05.2024
3	SA0481126031 TRFMR 200VA 3PH YNYNO 350/110V  * HSN/SAC : 3926  Test Certificate  TRANSFORMER CONTROL 200VA THREE PHASE,50HZ LV:110V; HV: 350V; VECTOR  GROUP:YNYNO; IMPEDENCE:4%; HV	18	NO	6 3 9	22.05.2024 22.05.2024 22.05.2024

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PURCHASE available at http://edn.bhel.com (RFQ-PO Terms &

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For and On behalf of BHEL.



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MMI:PU:RF:003

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Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date
	TAP:+/-5%,+/-10%; INSULATION CLASS: B; INSULATION LEVEL: 4.0KV,50HZ FOR 1MIN; EARTHED SCREEN BETWEEN HV AND LV WINDING IS REQUIRED; TRANSPARENT POLYCARBONATE 8MM SHEET ABOVE TERMINAL; NICKEL PLATED BRASS STUD TERMINAL IS REQUIRED; NO LOAD CURRENT SHALL BE < 20% OF FULL LOAD CURRENT. REF.:IS2026,IS1117; ,ED7461195	3			
4	SA0481662014 DRY TYPE EXCITATION TRFMR FOR RAHUGHAT  * HSN/SAC: 9032  Test Certificate  TRANSFORMER PWR DRY RATING: 7.5 KVA 3 PHASE, 50 HZ,DY5 HV: 11KV LV:  415 V TAP ON HV & LV: NA IMPEDENCE: 4% INS CLASS: F INS. LEVEL: 28  KV 50HZ FOR 1 MIN. SCREEN BETWEEN HV & LV WDGS TO BE PROVIDED.  REF.STANDARD:IS 2026 IS 11171 & ED7461195 Tes Required: 1) Basic impulse level test 2) Partial discharge test		NO	2	22.05.2024
5	SA0481929029 TRFMR 3KVA,3PH,220/100V,YNYNO  * HSN/SAC: 9032  Test Certificate  TRANSFORMER PWR DRY 3 KVA ,3PHASE, FREQUENCY:50-400HZ HV: 220;LV: 100V  VECTOR GROUP: YNYNO HV TAP:+/-5%, +/-10% LV  TAP: 85V IMPEDANCE: 4%  INSULATION CLASS: B INSULATION LEVEL: 4KV 50HZ FOR 1MIN TRANSPARENT POLY-CARBONATE 8MM SHEET ABOVE TERMINALS NICKEL PLATED BRASS TERMINALS. EARTHED SCREEN BETWEEN HV & LV IS REQUIRED.NO LOAD CURRENT SHALL BE LESS THAN 15% OF RATED CURRENT. REF STD:		NO	3	22.05.2024

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Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date
	IS2026,IS11171 & ED7461195				
	SA0653109989 TRFMR 5KVA 3PH YND11 415/310V	4		4	22.05.2024
6	* HSN/SAC : 9032		NO		
	Test Certificate				
	TRANSFORMER PWR DRY 5.0KVA,				
	3 PHASE,50 HZ				
	LV :310V HV:415V				
	LV TAP : +/- 5 % , +/- 10%				
	VECTOR GROUP:YND11				
	IMPEDENCE:4%				
	INSULATION CLASS: B				
	INSULATION LEVEL:				
	(50HZ 1MIN): 4KV				
	TRANSPARENT POLY-				
	CARBONATE 8MM SHEET				
	ABOVE TERMINALS				
	NICKEL PLATED BRASS				
	STUD TERMINALS				
	EARTHED SCREEN				
	BETWEEN HV AND LV				
	WINDING IS REQUIRED.				
	NO LOAD CURRENT:LESS THAN 15%				
	OF RATED CURRENT.				
	REF STANDARDS:				
	IS2026 & IS11171				
	STD:ED7461195				
	SA0653941234 TRFMR 200VA YNYN0 110/575V	16	NO.	6	22.05.2024
7	* HSN/SAC : 9032		NO	4	22.05.2024 08.05.2024
	Doc No ED7461195 Rev - 02			6	00.03.2024
	Test Certificate				
	TRANSFORMER DRY				
	200VA				
	3 PHASE; 50HZ				

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Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date
	LV:110V				
	HV:575V				
	VECTOR GROUP: YNYN0				
	HV TAP: +/-5%;+/-10%				
	IMPEDANCE: 4%				
	INSULATION CLASS:B				
	INSULATION LEVEL:				
	4KV 50HZ FOR 1MIN.				
	NICKEL PLATED BRASS				
	STUD TERMINALS;				
	TRANSPARENT POLY				
	CARBONATE SHEET 8MM				
	THICK ABOVE TERMINAL				
	BOARD; EARTHED SCREEN				
	BETWEEN HV & LV				
	WINDINGS REQUIRED				
	IS 2026; IS 11171				
	SA0653941269 TRFMR PWR 200VA 3PH	8	NO	8	22.05.2024
8	* HSN/SAC : 8504		NO		
	Test Certificate				
	TRANSFORMER PWR DRY 200VA				
	3 PHASE, 50 HZ				
	HV: 570V				
	LV: 110V				
	VECOR GROUP:YNYNO;				
	HV TAP:+/-5%,+/-10%;				
	IMPEDANCE:4%;				
	INSULATION LEVEL: 4KV 50 HZ FOR 1 MIN				
	NICKEL PLATED BRASS STUD TERMINALS.				
	EARTHED SCREEN BETWEEN HV & LV IS REQUIRED.				
	INSULATION CLASS:B;				
	  TRANSPARENT POLY CARBONATE 8MM SHEET				
	ABOVE TERMINALS;				
	ADO VE TERMINAES,				
	REF std : IS2026,IS11171, ED7461195				
	SA0653944080 TRFMR 4KVA 3PH DYN11 240V/165V	3		3	22.05.2024

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Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date
9	*HSN/SAC: 8533 Doc No ED7461195 Rev - 02 Test Certificate TRANSFORMER DRY TYPE 4 KVA 3 PHASE,50HZ to 400HZ LV :165V HV :240V VECTOR GROUP:DYN11 HV TAP:+/-5%,+/-10% IMPEDANCE :4% INSULATION CLASS:B INSULATION LEVEL:4KV 50HZ FOR 1 MIN NICKEL PLATED BRASS STUD TERMINALS TRANSPARENT POLY CARBONATE SHEET 8 MM THICK OVER TERMINAL BOARD EARTHED SCREEN BETN HV & LV WDGS TO BE PROVIDED No load current = 20% Acceptance Criteria: Routine Test at 50HZ  REF.STD::IS2026 & IS 11171		NO		
10	SA0655943455 TR,5KVA,415/LV1:2.5KVA,220V&2:2.5KVA,85V  * HSN/SAC : 3926  Test Certificate  TRANSFORMER 3PHASE 5KVA, YNYN0  FREQUENCY: 50HZ  HV:415V; LV WINDING 1: 220V, 2.5KVA  LV WINDING 2: 85V, 2.5KVA	2	NO	2	22.05.2024

#### NOTES:

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Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date
	HV TAP: +/-5%,+/-10%				
	IMPEDENCE: 4%				
	INSULATION CLASS:B				
	INSULATION LEVEL: 4KV 50HZ FOR 1 MIN.				
	FREQUENCY VARIATION:+/-10%				
	NICKEL PLATED BRASS STUD TERMINALS				
	EARTHED SCREEN BETWEEN HV & LV WINDINGS				
	8MM THICK POLY CARBONATE SHEET OVER				
	TERMINAL BOARD REQUIRED.				
	NO LOAD CURRENT SHALL BE LESS THAN				
	15% OF RATED CURRENT.				
	REF.STD.: IS2026,IS11171 & ED7461195				
	SA0657000035 TR 5KVA 280,265,250,235,220/165V Ynyn0	4	NO	4	22.05.2024
11	* HSN/SAC : 9032		NO		
	TRANSFORMER PWR DRY				
	RATING:5 KVA				
	3 PHASE,				
	FREQ: 50 - 400 HZ				
	VECTOR GROUP:YNYN0				
	HV: 280 V				
	LV : 165 V				
	TAP ON HV:				
	AT 265,250,235 & 220V				
	IMPEDENCE: 4%				
	INS.CLASS : B				
	INS.LEVEL: 4KV 50HZ				
	FOR 1 MIN.				
	NICKEL PLATED BRASS				
	STUD TERMINALS				
	PERSPEX SHEET OF 8MM				
	THICKNESS OVER TERMINAL				
	BOARD.				
	SCREEN BETN. HV & LV				
	TO BE PROVIDED.				
	NO LOAD CURRENT LESS				
	THAN 15% OF RATED				
	CURRENT				

### NOTES:

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Time :

MMI:PU:RF:003

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ax ·

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Sl No.	Description	Qty	Unit	Delivery qty	Delivery Date		
	REF.STANDARD:IS 2026,						
	IS 11171 AND						
	ED7461195						
	REF STD:IS9051						
Total	Total Number of Items - 11						
1.							
2.							

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