

Item Bunch No.	Material description	Material code	FLOW RATE	HEAD	MOTOR TYPE	Qty Estimation in numbers for two years
1	OIL VAPOUR FAN WITH IE2 Mtr 0.11M3/S	TC9754301115	0.11m3/sec	100mmwc	IIA/IIB-IE2	16
	END SHIELD COVER FOR DE & NDE MOTOR	TC9754301344				8
	COOLING FAN FOR EXHAUST FAN MTR	TC9754301255				8
	SPARE IE2 MTR FOR EXHAUST FAN	TC9754301182				8
	COOLING FAN COVER OF MOTOR	TC9754301220				8
	TERMINAL BLOCK FOR EXHAUST FAN MOTOR	TC9754301263				8
2	CENT EXHAUST FAN 0.11M3/S WITH IE3 MOTOR	TC9754301166	0.11m3/sec	100mmwc	IIA/IIB-IE3	16
	DE & NDE BEARING EXHAUST FAN IE3 MOTOR	TC9754301280				8
	COOLING FAN FOR EXHAUST FAN MTR	TC9754301255				8
	IE3 MOTOR FOR EXHAUST FAN	TC9754301123				8
	COOLING FAN COVER OF MOTOR	TC9754301220				8
	TERMINAL BLOCK FOR EXHAUST FAN MOTOR	TC9754301263				8
3	CEN EX FAN 0.11M3/HR,EXD,IE3,2900,IIC,T4	TC9754301352	0.11m3/sec	100mmwc	IIC-IE3	8
	DE & NDE BEARING EXHAUST FAN IE3 MOTOR	TC9754301280				4
	COOLING FAN FOR EXHAUST FAN MTR	TC9754301255				4
	IE3 MOTOR FOR EXHAUST FAN	TC9754301123				4
	COOLING FAN COVER OF MOTOR	TC9754301220				4
	TERMINAL BLOCK FOR EXHAUST FAN MOTOR	TC9754301263				4
4	OVEF WITH IE-2 MOTOR-0.18m3/HR,200mmWc	TC9754329087	0.18m3/sec	200mmwc	IIA/IIB-IE2	10
	END SHIELD COVER FOR DE & NDE MOTOR	TC9754301344				5
	COOLING FAN FOR EXHAUST FAN MTR	TC9754301255				5
	SPARE IE2 MTR FOR EXHAUST FAN	TC9754301182				5
	COOLING FAN COVER OF MOTOR	TC9754301220				5
	TERMINAL BLOCK FOR EXHAUST FAN MOTOR	TC9754301263				5
5	OVEF 0.18M3/HR,200MMWC, IE3 MOTOR	TC9754329095	0.18m3/sec	200mmwc	IIA/IIB-IE3	10
	DE & NDE BEARING EXHAUST FAN IE3 MOTOR	TC9754301280				5
	COOLING FAN FOR EXHAUST FAN MTR	TC9754301255				5
	SPARE MOTOR FOR OVEF 0.75KW- IE-3 MOTOR	TC9754329079				5
	COOLING FAN COVER OF MOTOR	TC9754301220				5
	TERMINAL BLOCK FOR EXHAUST FAN MOTOR	TC9754301263				5

SPECIAL TERMS: Oil Vapour Exhaust Fan– Rate Contract



1. Vendor shall submit their offer in two part bid system.
2. Vendor shall submit duly filled, signed and stamped copies of SCC (Special Conditions of Contract), ITB (Instruction To Bidder) along with their technical bid, failing which their offer will not be considered for evaluation.
3. The Intimation to Bidder (ITB), Rev 10 & Annexures to ITB are mandatory docs to be filled and submitted along with the technical bid. Any other terms and conditions will not be considered and only the filled in SCC & ITB will be considered for evaluation.
4. Failure of submission of the Filled in SCC & ITB along with your bid may lead to rejection of your bid.
5. Inspection:-

Third party inspection will be done by BHEL empaneled TPI and inspection charges to BHEL account. Inspections calls shall be raised by supplier in the portal cqir.bhel.in

6. In case, any vendor imports any of the enquiry item, third party inspection shall be done and charges shall be included in their quoted prices. In case TPI is specified for any of the imported sub component in BHEL Specification, the same shall be included in the scope of the vendor and price shall be included in the basic price.
7. Please Follow the link the link >> <https://dipp.gov.in/public-procurements> for all circulars. Evaluation will be done accordingly.
8. Technical & Financial PQC shall be submitted along with technical bid.
9. Reverse Auction shall be conducted for this enquiry.
10. In the event and to the extent of any inconsistency between two or more documents which form part of this enquiry, those documents will be interpreted in the following order of priority:
 - i) Enquiry
 - ii) SCC
 - iii) ITB
11. This Rate Contract is valid for 2 years from the date of its finalization.

Supplier Declaration:

I _____(Supplier Name) declare that the above points are noted and Confirmed while submitting the quotation.

Authorized Signature & Stamp
(_____) Vendor Name

SPECIAL TERMS: Oil Vapour Exhaust Fan– Rate Contract



12. The material is required for FOR Destination to respective sites only, and material shall be dispatch to site (FOR Destination) only after getting dispatch clearance from BHEL.
13. Delivery requirement is 5 months from the date of PO placement, unless specified.
14. Items mentioned in the enquiry is the tentative requirement for 2 years. The mentioned list is not total requirement but gives as indication on volume of the business expected.
15. BHEL reserves the right to order all the packages fully or partly based on the requirements.
16. Guarantee/Warranty will be as per BHEL specification. Unless otherwise specified, guarantee period shall be 12 months from the date of commissioning or 18 months from the date of supply/replacement whichever is earlier.
17. **Enquiry/Rate contract is for 5 (five) bunch of packages and evaluation will be done on each package wise basis. Each bunch contain one main item and group of spares items.**
18. Offers acceptance subject to end customer/BHEL approval only.
19. Payment Terms: Indigenous:

100% payment along with taxes will be made within 75 days from the date of receipt of complete documentation as per PO. However payment would be done only after receipt of original documents, including site/ Customer acknowledgement on LR (MRC - Material Receipt Certificate at site) / GR clearance at BHEL Stores. For MSEs (covered under MSME Act) which are registered and periodically renewed with BHEL, this period will be 45 days as prescribed in the relevant act.

Deviation in Payment term:- In case BHEL considers any deviation in payment terms, the bids shall be loaded with 18% interest per annum to the extent of deviation.

Contact Details: 1) Rinki Barai- Dy.Manager / TC-Pur: 040-2318-3744
2) VVR Krishna Rao:- Manager/ TC-Pur: 040-2318-2324

Supplier Declaration:

I _____(Supplier Name) declare that the above points are noted and Confirmed while submitting the quotation.

Authorized Signature & Stamp
(_____) Vendor Name

PRE-QUALIFICATION CRITERIA				
CENTRIFUGAL EXHAUST FAN WITH ELECTRIC MOTOR				
S.No.	BHEL Requirement	Vendor's Confirmation	Deviation if Any	Remarks
1	All the suppliers need to submit this document i.e. titled pre-qualification criteria and furnish required information along with offer.			
2	<p>a) Name, address, e-mail id, contact no.etc. of manufacturer of CENTRIFUGAL EXHAUST FAN WITH ELECTRIC MOTOR</p> <p>b) Name, address, e-mail id, contact no.etc. of authourised agency / trading house quoting on behalf of manufacturer In case offer is received from authourised agency / trading house, the following requirements shall be full filled. i) Valid letter of authorisation and copy of agreement to be enclosed with offer. ii) The offer shall be either from the authorised agency or from the manufacturer directly. In case of BHEL receiving offer from both, then offer from manufaturer will only be considered. Offer from an unauthorised agency / entity on behalf of any vendor shall be summarily rejected. iii) Name, address, e-mail id, contact no.etc. of entity on whom order to be released in case of L1 shall be clearly indicated.</p>			
3	Supplier to confirm/provide the following criteria/documents for evaluation of offer.			
	(a) The supplier should have the proven experience in manufacturing and supply of CENTRIFUGAL EXHAUST FAN WITH ELECTRIC MOTOR			
	i) Application: CENTRIFUGAL EXHAUST FAN WITH ELECTRIC MOTOR			
	ii) Service: Lube Oil System for Steam Turbine			
	iii) Satisfactory Working of equipment: At least two year in a power plant ending lastday of month previous to the one in which enquiry floated.			
	iv) All the facilities required for manufacturing of CENTRIFUGAL EXHAUST FAN WITH ELECTRIC MOTOR shall be available with manufacturer. All the facillites of assembling and testing (at closest to enquiry parameters) of Filter shall be available with manufacturer as per BHEL Specification/ASME.			
	v) Vendor shall furnish the details of Sale after Service facilities available in India with referneces of executed project. Spare shall be readily available at propretary suppliers/ distributors in India.			
	All the above criteria 3(a) (i) to 3(a) (v) must be combinedly met by the vendor against a single supply reference of CENTRIFUGAL EXHAUST FAN WITH ELECTRIC MOTOR			
	(b) The supplier meeting all the above criteria as 3 (a) (i) to 3 (a) (v) shall furnish details of such supplies only as indicated above (sl no 3 (a)) including equipment Manufacturer's Name, power plant name, date of supply (in DDMMYY format), No of years the equipment is in service) Manufacturer & power plant. (including mobile no and e-Mail ID) Note : Suppliers shall furnish minimum 02 and maximum 06 number of latest customer reference details as indicated above in the attached annexure-I. Details furnished in any other format shall not be considered. All the documents shall be furnished only in English. Documents furnished in other langauges will not be considered for further evaluation.			
	(c) BHEL reserves the right to cross verify with the above such customers including overseas customers with a copy to the supplier and satisfy itself with reference to the claims of the supplier. If the information furnished by the supplier is not found satisfactory, the offer will be technically rejected.			
4	Offers without the requirement as above 3(a) & 3(b) will not be technically evaluated by BHEL. Further, no correspondence in this matter will be entertained.			
5	The vendors should furnish the detailed process of manufacturing and testing procedures along with the offer.			
6	List of BHEL qualified bidders shall be forwarded to BHEL's End Customer for their review and approval. The list finalized by BHEL's End Customer shall be final and binding.			
7	BHEL team may carry out vendor evaluation/assesment(incase of a new vendor) by a visit to vendor works for qualifying /rejecting the technical bid based on the findings of the visit.			
8	Vendors to submit their bid in 2 - part system i.e. A) Part-I shall consists of PQC: Pre-Qualification Criteria along with the required documents like 1)Annex-I (PQC) sub supplier questionire, 2) Annex-II (PQC) PTR to purchase spec TC54301 R08, 3) Annex-III (PQC) Technical Deviation Sheet to TC54301 R08. B) Part-II shall consists of Techno-Commercial Bid: Vendor shall submit duly filled Annex-A, B & C to TC54301 R08, technical offer as per TC54301 R08 along with Price Bid. Offers failing to meet prequalification criteria Part-I will not be considered for further evaluation.			

Financial Criteria for Pre-qualification

1. The minimum average annual financial turnover of the supplier during the last 3 financial year, ending of the previous financial year, should not be less than Rs.16 lakhs and positive net worth as per latest balance sheet.
2. Vendors shall enclose the last three financial years balance sheets and Profit & loss statements duly audited and certified by Chartered Accountant.
3. In case of final audited balance sheet / Profit & Loss statement for the last year is not available, provisional statement for the same duly certified by Chartered Accountant must be submitted.
4. In case audited financial statements have not been submitted for any of three years as indicated above, then the applicable audited statements submitted by bidders against the requisite three years will be averaged for three years i.e. total divided by three.
5. Other incomes shall not be considered for arriving at annual financial turnover / sales. For evaluation purpose, only revenue from operations shall be considered.

Signature of Vendor with Seal

		BHARAT HEAVY ELECTRICALS LIMITED R.C.PURAM, HYDERABAD		STANDARD QUALITY PLAN FOR VENDOR ITEMS				QP. NO: HYQA/SQP/TC/1415/15 Rev. No. : 03 DATE: 07.07.2020 VALID UPTO: 06.07.2022					
				ITEM: CENTRIFUGAL EXHAUST FAN WITH ELECTRIC MOTOR BHEL SPEC: TC54301, TC54329 Rev. No. – as per PO				PAGE 1 OF 3					
Sl No	Component & Operations	Characteristics	Class	Type Of Check	Quantum Of Check	Ref Document	Acceptance Norms	Format Of Record	* D	Agency			Remarks
										P	W	V	
1.0	RAW MATERIALS & BOUGHT OUT ITEMS												
1.1	Sheet/Plates for casing & impellers, Base Plate & Flanges	Chemical Composition & Mechanical Properties	Major	Review	One Sample/ Heat	As per BHEL SPEC. / Approved Drawing./ Datasheet	As per BHEL SPEC. / Approved Drawing./ Datasheet	MTC	√	2		1	
		Visual & Dimensional		Visual / Measrt.	100%								
1.2	AC Motor (Brought out item)	Performance	Major	Routine Test & Type Test	100%	As per BHEL SPEC. / Approved Drawing./ Datasheet	As per BHEL SPEC. / Approved Drawing./ Datasheet	TC	√	2		1	Flame Proof Certificate for motor shall be reviewed by BHEL TPI.
2.0	INPROCESS INSPECTION												
2.1	Casing Welding & Impeller welding	Availability of WPS, PQR & WQR	Major	Review	100%	-	-	WPS, PQR, WQR		2		1	
		Weld Soundness	Major	Visual & LPI	100%	ASTM E-165	NO DEFECT	IR	√	2		1	
		Dimensional Conformity	Major	Measrt.	100%	Approved Drawing.	Approved Drawing.	IR	√	2		1	
2.2	Static & Dynamic Balancing of impeller	unbalance	Critical	Balancing	100%	Approved Drawing./ Datasheet	Approved Drawing./ Datasheet	TC	√	2		1	

LEGEND: P: - PERFORM, W: - WITNESS, V: - VERIFICATION, INDICATING 1: - BHEL / BHEL NOMMNATED INSPECTION AGENCY, 2: - VENDOR / SUB VENDOR AS APPROPRIATE AGAINST EACH COMPONENT / CHARACTERISTICS UNDER THE COLUMNS P, W & V. * D: RECORDS IDENTIFIED WITH TICK (✓) SHALL BE ESSENTIALLY INCLUDED IN QA DOCUMENTATION.	PREPARED BY  Sachin Katiyar Sr. Engineer / QA	REVIEWED BY  B. Ashok Kumar AGM/QA	APPROVED BY  B. Ashok Kumar AGM/QA
	Format no. : HYQA/QP/VSQP Rev.02		

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3.0	FINAL INSPECTION & TESTING												
3.1	Assembly	Dimensional Check, Completeness wrt Drg./ BOM	Major	Measurement & Visual	100%	Approved Drawing.	Approved Drawing.	IR	√	2	1		
		Performance Test with Job motor (Capacity, Static Pressure, Power Consumption, speed, efficiency & Noise level)	Critical	Performance check	100%	Approved Drawing./ Datasheet	Approved Drawing./ Datasheet	TC	√	2	1		100% by Supplier. 10% (minimum 1No) of each type/size witness by BHEL / TPI.
		Mechanical run test with job motor	Critical	Measurement	100%	Approved Drawing./ Datasheet	Approved Drawing./ Datasheet	TC	√	2	1		
4.0	PAINING, PRESERVATION AND PACKING												
4.1	Final Assembly	Cleaning & Painting	Major	Visual	100%	Manufacturer's Standard Procedure/	Manufacturer's Standard Procedure	IR	√	2		1	
4.2	Final Stage	Marking & Packing	Major	Visual	100%	As per BHEL SPEC.	As per BHEL SPEC.	IR	√	2		1	

ABBREVIATIONS:		
MTC – MILL TEST CERTIFICATE	MPI - MAGNETIC PARTICLE INSPECTION	TC – TEST CERTIFICATE
HT – HEAT TREATMENT	UT - ULTRASONIC TEST	TPIA - THIRD PARTY INSPECTION AGENCY APPOINTED BY BHEL.
IR - INSPECTION REPORT	RT – RADIOGRAPHY TEST	COC – CERTIFICATE OF CONFORMITY
MEASRT - MEASUREMENT	WPS – WELDING PROCEDURE SPECIFICATION	PQR – WELDING PROCESS QUALIFICATION RECORD
WQR – WELDER QUALIFICATION RECORDS	PO – PURCHASE ORDER	LPI – LIQUID PENETRANT INSPECTION
PMI – POSITIVE MATERIAL IDENTIFICATION	SS – STAINLESS STEEL	AS – ALLOY STEEL

Refer Annexure-I for Notes.

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Annexure – I

Notes:

1. Pre-despatch inspection photographs of the equipment/item shall be included in Quality documentation.
2. LATEST VERSION OF STANDARDS/DRAWINGS /TOLERANCES ETC TO BE MENTIONED IN QUALITY PLAN/DRAWING. THIS QP SHOULD BE READ ALONG WITH BHEL SPEC, BHEL DRAWINGS / APPROVED DRAWINGS, DATA SHEET, BOM AND PO.
3. DRAWING / DATA SHEET/ SPECIFICATION SHALL PREVAIL OVER QUALITY PLAN IN CASE OF ANY CONTRADICTION.
4. BHEL RESERVES THE RIGHT FOR CONDUCTING REPEAT TEST, IF REQUIRED.
5. BHEL APPROVED INSPECTION ENGINEERS TO BE DEPLOYED FOR INSPECTION.
6. ONLY LEVEL II & ABOVE QUALIFIED PERSON IN RESPECTIVE NDE TO VERIFY OR WITNESS THE NDT TEST REPORT/RESULTS.
7. INSPECTION TO BE OFFERED ONLY AFTER ENSURING THAT ALL DOCUMENTS (QUALITY PLAN, DRAWINGS, DATA SHEET, PURCHASE SPECIFICATIONS, ETC) ARE AVAILABLE AS PER PURCHASE ORDER.
8. VENDOR TO OFFER ORIGINAL TEST CERTIFICATES ISSUED BY THIRD PARTY LABORATORIES OR SUPPLIERS.
9. VENDOR TO ENSURE WITH TPIA THAT A NOTE 'COMPARED WITH ORIGINAL TEST CERTIFICATE. REVIEWED, VERIFIED AND FOUND IN ORDER' SHALL CONTAIN WITH EVERY INSPECTION REPORT.
10. ONLY VALID AND CALIBRATED MEASURING INSTRUMENTS AND EQUIPMENT SHALL BE USED – TPIA TO VERIFY.
11. VENDOR TO ENSURE WITH TPIA THAT MATERIAL TEST CERTIFICATE & TRACEABILITY RECORDS ARE AVAILABLE FOR USE OF CORRECT MATERIAL.
12. QUALIFICATION OF EQUIPMENT, PROCESS & PERSONNEL FOR SPECIAL PROCESSES LIKE WELDING, BRAZING, PAINTING & METAL COATING ETC. (AS APPLICABLE AS PER PO) SHALL BE ENSURED.
13. VENDOR TO ENSURE THAT ALL CERTIFICATES ARE ENDORSED BY TPIA WITH COMMENTS (WITNESSED OR VERIFIED) AS PER QUALITY PLAN.
14. VENDOR SHALL OFFER LOG SHEETS CONTAINING ACTUAL MEASURED VALUES INSTEAD OF SAYING OK/NOT OK TO TPIA.
15. VENDOR SHALL SUBMIT COMPLETE INSPECTION AND TEST DOCUMENTATION WHICHEVER IS IDENTIFIED WITH (v) UNDER COLUMN 'D' OF APPROVED QUALITY PLAN SHALL BE ENCLOSED WITH THE INSPECTION REPORT.
16. VENDOR SHALL SUBMIT ORIGINAL COPIES OF ALL INSPECTION AND TEST DOCUMENTS AUTHENTICATED BY TPIA.

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