

INDIAN OIL CORPORATION LTD.

PARADIP REFINERY CPP

VOLUME-II B

**TECHNICAL SPECIFICATIONS
FOR
VIBRATION ISOLATION SYSTEM
FOR
ID FAN & FGD BOOSTER FAN FOUNDATION**

SPECIFICATION NO. PE-TS-353-618-C001



**BHARAT HEAVY ELECTRICALS LIMITED
Project Engineering Management
PPEI BUILDING, HRD & ESI COMPLEX
Plot No. 25, Sector 16A
NOIDA, U.P. – 201301**

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PROJECT: PARADIP REFINERY CPP

**TECHNICAL SPECIFICATIONS FOR VIS
FOR ID FAN & FGD BOOSTER FAN
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SECTION 'A'

SCOPE OF WORK



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Scope of work shall include the following:

1. Supply of the following

- a) Vibration Isolation System (VIS) as per Section-C
- b) Tools and facilities required for erection and commissioning including packing & transportation etc. complete.

2. Supervision of erection and commissioning of the VIS.

Vendor shall deploy experienced manpower for setting the VIS in position and final adjustments after machine installation. Vendor shall also confirm the readiness at site before deploying the manpower for supervision of erection.

3. Engineering for the vibration isolation system including civil drgs.(GA & RC details) is in vendor's scope



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SECTION 'B'

PROJECT INFORMATION



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PROJECT INFORMATION (To be furnished by indentor)

1. Project : PARADIP REFINERY CPP
2. Owner /Purchaser : INDIAN OIL CORPORATION LTD.
3. Consultant : ENGINEERS INDIA LIMITED
4. Location : The site is located near Paradip Port , ,Distt: Jagat singh pur,
Orissa
5. Nearest Railway Station : Paradip
6. Nearest Airport : Bhvneshwar
7. Seismic Data : As per IS:1893 Zone-III



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SECTION 'C'

SPECIFIC TECHNICAL REQUIREMENTS



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1.00.00 Vibration isolation system shall be selected by Vendor based on the following Input drawings.

<u>SRL</u>	<u>TITLE</u>	<u>DRAWING NO.</u>
1	GENERAL ARRANGEMENT OF INDUCED DRAFT FAN NDZV 25 HERAKLES	1-00-099-21880 (R2)
2	GENERAL ARRANGEMENT OF FGD BOOSTER FAN NDZV 25 HERAKLES	1-00-099-21881 (R2)

Vendor shall furnish General arrangement and reinforcement drawings complying with SECTION-D