



प्रतिभूति कागज कारखाना, नर्मदापुरम-461005 (म.प्र.)

(भारत प्रतिभूति मुद्रण तथा मुद्रा निर्माण निगम लिमिटेड की इकाई)

भारत सरकार के पूर्ण स्वामित्वाधीन

(मिनिरात्न श्रेणी-1 सीपीएसई एवं आई.एस.ओ 9001:2015, 14001:2015, 45001:2018, 50001:2018 एवं आई.ई.सी.17025:2017 प्रमाणित

SECURITY PAPER MILL, NARMADAPURAM - 461005 (MP)

(A Unit of Security Printing & Minting Corporation of India Limited)

Wholly owned by Government of India

Miniratna Category-I CPSE & ISO 9001:2015, 14001:2015, 45001:2018, 50001:2018 & IEC17025:2017 Certified

CIN:U22213DL2006GOI144763, GSTIN: 23AAJCS6111J3ZE



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Invitation for submission of EOI

- 1. Name of the Organization:** Security Paper Mill, Narmadapuram
- 2. Type of the Organization:** A unit of SPMCIL wholly owned by Govt. of India, Ministry of Finance
- 3. Reference No:** EOI/ Special purpose motors for cross cutter/
- 4. EOI Title:** Supply, Installation, interfacing, testing & commissioning of Special purpose motors (one to one replacement basis) & compatible with installed motor at cross cutter by m/s Pasaban, Spain at Security Paper Mill, Narmadapuram.
- 5. Category:** Electrical
- 6. Sub-category:** Motors
- 7. Date of Announcement:** 10.03.2025
- 8. Last date for submission:** The firm may visit SPM, if desired, and submit their EOI to "Chief The General Manager, Security Paper Mill, Narmadapuram" up to 10.04.2025, 11.00 AM
- 9. Broad description of work:**

Supply, Installation, interfacing, testing & commissioning of Special purpose motors (one to one replacement basis) & compatible with installed motor at cross cutter.

1. Firm has to ensure and understand the operation and interfacing of existing cross cutter.
2. Firm has to prepare all working drawings, detailed specification fully illustrating the entire project. Project Providing complete support / guidance in commissioning of Special purpose motors on existing assembly unit.
3. Complete SITC works of Electrical, Mechanical and other related works against Installation, interfacing and Commission to Final acceptance certification and handing over is in the scope of bidder.

4. To Ensure compatibility with the existing drives, PLC system and integration with the software is in the scope of bidder.

5. Firm has to ensure that the above said work is carried out in such a manner that production is not affected.

6. Detail of motors is as below:

a) 400V Y 16.9KW 32.3A 53Hz, 253Nm, $\cos\phi=0,81$

636 r.p.m. Max.(798) r.p.m.

EN60034 IM IP20 IC410 Cl.F S1

Model: MDD SN 180L C2

Make: VASCAT.

b) 400V Y 53.5Kw 135A 131Hz 325Nm $\cos\phi=0,97$

EN60034 IMB5 IP54 IC97W Cl.F S1

Coolang 18.3 l/min 1.5 bar

1572 r.p.m. Max.(2556) r.p.m.

Model: MDD SW 180M I5

Make: VASCAT.

c) 400V Y 29.5Kw 72,5A 42Hz 558Nm $\cos\phi=0.68$

EN60034 IM IP20 IC97W Cl.F S1

Coolang 18 l/min 1.5 bar

504 r.p.m. Max.(798) r.p.m.

Model: MDD SW 180L C2

Make: VASCAT.

d) 400V Y 13.9Kw 27.6A 41Hz 270Nm $\cos\phi=0.79$

EN60034 IM IP20 IC410 Cl.F S1

492 r.p.m. Max.(636) r.p.m.

Model: MDD SN 180L D2

Make: VASCAT.

e) 400V Y 3.6Kw 7,1A 44Hz 52Nm $\cos\phi=0.82$

EN60034 IM IP20 IC410 Cl.F S1

660 r.p.m. Max.(855) r.p.m.

Model: MDD SN 132S D1

Make: VASCAT.

f) 400V Y 5.2Kw 10.9A 19.5Hz 212Nm $\cos\phi=0.80$

EN60034 IM IP20 IC410 Cl.F S1

234 r.p.m. Max.(318) r.p.m.

Model: MDD SN 180M A1

Make: VASCAT.

g) 400V Y 7.2Kw 13,6A 46Hz 100Nm $\cos\phi=0,84$

EN60034 IM IP20 IC410 Cl.F S1

690 r.p.m. Max.(855) r.p.m.

Model: MDD SN 132L D1

Make: VASCAT.

h) 400V Y 81.1Kw 191,1A 73Hz 1414Nm $\cos\phi=0.65$

EN60034 IM IP20 IC97W Cl.F S1

Coolang 17.9 l/min 2bar

547,5 r.p.m. Max.(862) r.p.m.

Model: MDD SW 250M C4

Make: VASCAT.

i) 400V Y 36.7Kw 89,2A 34Hz 860Nm $\cos\phi=0.70$

EN60034 IM IP20 IC97W Cl.F S1

Coolang 23.1 l/min 1.5bar

408 r.p.m. Max.(636) r.p.m.

Model: MDD SW 180X 10 D2

Make: VASCAT.

10. Pre-qualification criteria and Bid documents:

Interested firm may be asked to submit the following credentials during EOI

- Letter of interest.
- Company profile and catalogues.
- Firm should provide reference list of similar kind of development program during past 03 years i.e. upto 31.03.2024,
- All the technical details i.e. dimensional drawing for fitment, control diagram and power supply diagram related to similar development are to be provided.
- Audited annual reports for the last three financial years (FY 2021-2022, FY 2022-2023, FY 2023-2024) duly CA certified.



(Balbir S Prajapati)

Manager (Material)

For – Chief General Manager