

**Enquiry No 4202500001 dt 28.03.2025**  
**Procurement of Critical Piping for DVC Koderma & NTPC Sipat projects**

Date- 09.05.2025

Dear Sir / Madam,

Sub: Procurement of Critical Piping for DVC Koderma & NTPC Sipat projects as per BHEL Enquiry No 4202500001 dt 28.03.2025.

With regard to the subject Enquiry for Procurement of Critical Piping for DVC Koderma & NTPC Sipat projects as per BHEL Enquiry No 4202500001 dt 28.03.2025, Corrigendum 3 dt 09.05.2025 is issued for the following.

a) For the Pipe Bends as per drawings nos indicated below, Minimum Thickness required after Bending (mm) shall be maintained as indicated below-

| SI No | Drawing No     | Main Pipe |         |                | Bend Pipe |         |                | Specification | Minimum Thickness required after Bending (MM) |
|-------|----------------|-----------|---------|----------------|-----------|---------|----------------|---------------|-----------------------------------------------|
|       |                | ID (MM)   | OD (MM) | Thickness (MM) | ID (MM)   | OD (MM) | Thickness (MM) |               |                                               |
| 1     | 0-80-300-A0223 | 300       |         | 90             | 300       |         | 90             | SA335P92      | 74.53                                         |
| 2     | 0-80-300-A0223 | 370       |         | 93             | 370       |         | 103            | SA335P92      | 91.75                                         |
| 3     | 0-80-300-A0223 | 200       |         | 51             | 200       |         | 59             | SA335P92      | 50.4                                          |
| 4     | 0-80-300-A0223 |           | 88.9    | 23             |           | 88.9    | 20             | SA335P92      | 16.1                                          |
| 5     | 0-80-300-A0244 | 300       |         | 90             | 300       |         | 90             | SA335P92      | 74.53                                         |
| 6     | 0-80-300-A0244 | 370       |         | 93             | 370       |         | 103            | SA335P92      | 91.75                                         |
| 7     | 0-80-300-A0244 | 200       |         | 51             | 200       |         | 59             | SA335P92      | 50.4                                          |
| 8     | 0-80-300-A0244 |           | 88.9    | 23             |           | 88.9    | 20             | SA335P92      | 16.1                                          |
| 9     | 0-80-301-A0218 | 370       |         | 93             | 370       |         | 103            | SA335P92      | 91.75                                         |
| 10    | 1-80-303-A0547 |           | 219.1   | 49             |           | 219.1   | 49             | SA335P92      | 37.1                                          |
| 11    | 2-80-304-A0356 | 200       |         | 51             | 200       |         | 59             | SA335P92      | 50.4                                          |
| 12    | 0-80-320-A0219 |           | 864     | 35             |           | 864     | 40             | SA106GRC      | 29.6                                          |
| 13    | 0-80-310-A0229 | 680       |         | 38             | 680       |         | 42             | SA335P92      | 37.3                                          |
| 14    | 0-80-310-A0230 | 680       |         | 38             | 680       |         | 42             | SA335P92      | 37.3                                          |
| 15    | 0-80-310-A0230 | 680       |         | 38             | 680       |         | 43             | SA335P92      | 37.3                                          |

|    |                |     |       |    |     |       |     |          |       |
|----|----------------|-----|-------|----|-----|-------|-----|----------|-------|
| 16 | 0-80-312-A0220 | 590 |       | 33 | 590 |       | 39  | SA335P92 | 32.53 |
| 17 | 0-80-300-A0222 | 300 |       | 90 | 300 |       | 90  | SA335P92 | 74.53 |
| 18 | 0-80-300-A0222 | 370 |       | 93 | 370 |       | 103 | SA335P92 | 91.75 |
| 19 | 0-80-300-A0222 | 200 |       | 51 | 200 |       | 59  | SA335P92 | 50.4  |
| 20 | 0-80-300-A0222 |     | 88.9  | 23 |     | 88.9  | 20  | SA335P92 | 16.1  |
| 21 | 0-80-300-A0228 | 300 |       | 90 | 300 |       | 90  | SA335P92 | 74.53 |
| 22 | 0-80-300-A0228 | 370 |       | 93 | 370 |       | 103 | SA335P92 | 91.75 |
| 23 | 0-80-300-A0228 | 200 |       | 51 | 200 |       | 59  | SA335P92 | 50.4  |
| 24 | 0-80-300-A0228 |     | 88.9  | 23 |     | 88.9  | 20  | SA335P92 | 16.1  |
| 25 | 0-80-301-A0217 | 370 |       | 93 | 370 |       | 103 | SA335P92 | 91.75 |
| 26 | 1-80-303-A0528 |     | 219.1 | 49 |     | 219.1 | 49  | SA335P92 | 37.1  |
| 27 | 2-80-304-A0355 | 200 |       | 51 | 200 |       | 59  | SA335P92 | 50.4  |
| 28 | 0-80-310-A1111 | 680 |       | 38 | 680 |       | 42  | SA335P92 | 37.3  |
| 29 | 0-80-310-A1112 | 680 |       | 38 | 680 |       | 42  | SA335P92 | 37.3  |
| 30 | 0-80-310-A1112 | 680 |       | 38 | 680 |       | 43  | SA335P92 | 37.3  |
| 31 | 0-80-312-A0221 | 590 |       | 33 | 590 |       | 39  | SA335P92 | 32.53 |

b) For the following Pipe Bends, alternate bend radius as indicated below is also technically acceptable. Length shown in the drawing and BOM shall remain the same.

| Schedule No | Project              | Piping System     | PGMA   | Item Description                         | Specification | Drawing No     | Alternate acceptable Bend Radius |
|-------------|----------------------|-------------------|--------|------------------------------------------|---------------|----------------|----------------------------------|
| 1           | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID370x103 L=5919 | SA335P92      | 0-80-300-A0223 | R-1550 mm                        |
| 1           | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID370x103 L=5919 | SA335P92      | 0-80-300-A0244 | R-1550 mm                        |
| 1           | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 90DEG R-686 ID300x90 L=3721    | SA335P92      | 0-80-300-A0223 | R-900 mm                         |
| 1           | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 90DEG R-686 ID300x90 L=3721    | SA335P92      | 0-80-300-A0244 | R-900 mm                         |
| 1           | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID300x90 L=3721  | SA335P92      | 0-80-300-A0223 | R-900 mm                         |
| 1           | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID300x90 L=3721  | SA335P92      | 0-80-300-A0244 | R-900 mm                         |
| 1           | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=3694    | SA335P92      | 0-80-300-A0223 | R-900 mm                         |

|   |                      |                   |        |                                          |          |                |           |
|---|----------------------|-------------------|--------|------------------------------------------|----------|----------------|-----------|
| 1 | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=3694    | SA335P92 | 0-80-300-A0244 | R-900 mm  |
| 1 | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=2202    | SA335P92 | 0-80-300-A0223 | R-900 mm  |
| 1 | DVC Koderma 2x800 MW | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=2202    | SA335P92 | 0-80-300-A0244 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID370x103 L=5919 | SA335P92 | 0-80-300-A0222 | R-1550 mm |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID370x103 L=5919 | SA335P92 | 0-80-300-A0228 | R-1550 mm |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 90DEG R-686 ID300x90 L=3721    | SA335P92 | 0-80-300-A0222 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 90DEG R-686 ID300x90 L=3721    | SA335P92 | 0-80-300-A0228 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID300x90 L=3721  | SA335P92 | 0-80-300-A0222 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 89.4DEG R-686 ID300x90 L=3721  | SA335P92 | 0-80-300-A0228 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=3694    | SA335P92 | 0-80-300-A0222 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=3694    | SA335P92 | 0-80-300-A0228 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=2202    | SA335P92 | 0-80-300-A0222 | R-900 mm  |
| 5 | NTPC Sipat 1X800 MW  | Main Steam Piping | 80-300 | PIPE BEND 45DEG R-686 ID300x90 L=2202    | SA335P92 | 0-80-300-A0228 | R-900 mm  |

c) Copy of Drawing Nos 0-80-320-A0216 and 1-80-320-A0521 are enclosed herewith. In place of Drawing No 2-80-321-A0354 mentioned in Annexure B of the Enquiry, Drawing No 2-80-321-A0355 enclosed herewith shall be considered. Drawing No of 2-80-321-A0354 indicated in Annexure B of the Enquiry is an inadvertent drafting error.

d) Few items pertaining to Boiler Feed Discharge Piping (Schedule No 4 & 8) of DVC Koderma and NTPC Sipat projects alone have been revised as per details enclosed herewith (Items indicated in the enclosure alone have been revised / added. For balance items of Boiler Feed Discharge Piping, there is no change and shall remain the same as per tender. Refer Record of Revisions for understanding the revisions made against applicable items.). Applicable revised isometric drawings are enclosed herewith. Based on revision in quantity / change of item description, corresponding weight of the item will be also get revised. Same will be taken care during Purchase Ordering. Overall summary of the revision in weight is as indicated below.

| Schedule No | SI No | Project                     | Piping System / Description  | UOM | Quantity | Total Quantity for the Piping System | Existing    |                                         | Revised     |                                         |
|-------------|-------|-----------------------------|------------------------------|-----|----------|--------------------------------------|-------------|-----------------------------------------|-------------|-----------------------------------------|
|             |       |                             |                              |     |          |                                      | Weight (MT) | Total Weight for the Piping System (MT) | Weight (MT) | Total Weight for the Piping System (MT) |
| 4           | 1     | DVC Koderma 2x800 MW Unit 3 | Boiler Feed Discharge Piping | Set | 1.00     | 2.00                                 | 664.38      | 1,328.76                                | 460.68      | 921.37                                  |
|             | 2     | DVC Koderma 2x800 MW Unit 4 | Boiler Feed Discharge Piping | Set | 1.00     |                                      | 664.38      |                                         | 460.68      |                                         |
| 8           | 1     | NTPC Sipat 1X800 MW         | Boiler Feed Discharge Piping | Set | 1.00     | 1.00                                 | 664.38      | 664.38                                  | 460.68      | 460.68                                  |

There is no revision for any of the other Piping Systems of the Enquiry.

e) Tender due date for bid submission has been extended till **02.30 PM IST on 16.05.2025**. Part I bids will be opened at **04.30 PM IST on 16.05.2025**.

Prospective bidders are requested to take note and submit their quote before the extended tender due date.

For BHEL Trichy,

Anil Sree

Manager / MM / RM

BHEL Trichy, Tamil Nadu, India