



BHARAT HEAVY ELECTRICALS LIMITED

BAP – Ranipet, 632406

MM – PURCHASE Department (FGD)

Enq: 3800980E

NIT

Date: 25-03-2021

Subject: Design, Manufacture as per “approved specification, Drawing, Data sheet and Quality Plan”, Inspection (Stage wise & Pre dispatch as applicable) through BHEL approved TPI, Packing Forwarding & Dispatch/supply FOR BHEL Site as per Delivery schedule/item List, Supervision for erection and Commissioning (E&C) at site, Performance test at site of Mist Eliminator set along with its accessories and Mandatory spares.

Manufacturers/bidders are invited to quote online at <https://eprocurebhel.co.in/nicgep/app> for subjected requirement of mist eliminator set for various project site, scheduled as per item list/Delivery Schedule.

Note: Any foreign bidder or OEM of bidder is foreigner, situating (Office or Manufacturing Facilities) in countries sharing land/border with INDIA, must submit the DPIIT, Govt of India Approval, along with the bid, failing which offer will be rejected.

Financial PQR: Bidder should have annual turnover of INR 750 lakhs (INR Seven Hundred and Fifty Lakhs). Bidder to submit the Audited balance sheet along with Profit and Loss account for previous three continuous year (Any one : FY 2018-2021 or 2017-2020 or 2016-2019)”

Technical requirement

- (a). **Drawing Approval:** To be submitted within 15 days Upon ordering, along with signed copy of Manufacturing Quality plan. **Manufacturing:** As per attached specification, Approved drawing, Quality plan and Data sheet. **Inspection:** as per Cl (b) below stated. **Dispatch Clearance:** Upon submission of inspection reports (IR) along with test certificates/reports in original and Packing list, accordingly dispatch clearance (MDCC) will be provided by BHEL.
- (b). **Inspection:** Inspection (call to be raise at BHEL CQIR portal) before despatch at supplier's works (as per Quality terms and Quality plan) by BHEL/authorised agency (TPI) for indigenous supplies at BHEL cost. Inspection includes for painting and packing also. All the Test and inspection reports shall be sent to BHEL-Ranipet for review and dispatch clearance.
- (c). **Packing requirement:** Waterproof packing such that No transit damage. Seaworthy packing shall be provided for transit through sea route.
- (d). **Delivery Location:** Site In-charge (BHEL). All the spares shall be sent to Stores-BHEL, BAP-Ranipet.

Techno-Commercial terms: As per the documents listed below (signed and stamped copy to be submitted along with tender)

| Sl | Type of Document | List of Documents |
|----|--|--|
| 1 | Pre-Qualification requirement (Tender Qualification) | 1. All the documents listed in the technical specification FGD:ME:R01 Pg 3 |
| 2 | Technical Requirement | 1. Technical Spec FGD:ME:R01 2. All the data sheets 3. Quality Plan |
| 3 | Commercial documents | (1) NIT, (2) Filled in Annexure C (3) Annexure B (4) Integrity Pact & Annex G (Framework Conf. Agmt.) (5) CEBG, PBG & List of consortium Bank (6) Make in India format on Bidder Letter-head (7) Annexure F with SRP for new bidders |

Note:

1. Project package wise rate will be considered for comparison and ordering.
2. Reverse auction as per BHEL rules is planned for this tender
3. Any deviation shall be brought clearly through deviation sheet.

RA (Reverse Auction) shall be conducted

| Package | Description | UoM | Qty | Lot no | Cust | Project | Reqd del (Tentative) For Site | Bidder to Fill | |
|---------|--|-----|-----|----------|---------------|------------|-------------------------------|------------------|--|
| | | | | | | | | Quote/Not quoted | No of days reqd for manufacturing from the date of Mfg clearance |
| 1 | Three stage mist Eliminator with all accessories, size: 9.9mx31.9 m | Set | 1 | 1 | NTPC | Patratu | 24-12-2021 | | |
| | | Set | 1 | 2 | | Patratu | 24-04-2022 | | |
| | | Set | 1 | 3 | | Patratu | 24-07-2022 | | |
| 2 | Three stage mist Eliminator with all accessories, size: 10.9mx23.9 m | Set | 1 | 1 | NPGCL NTPC | NN660 | 24-01-2022 | | |
| | | Set | 1 | 2 | | NN660 | 24-06-2022 | | |
| | | Set | 1 | 3 | | NN660 | 24-01-2023 | | |
| 3 | Three stage mist Eliminator with all accessories, size: 7.9mx13.9 m | Set | 1 | 1 | NSPCL NTPC | Bhilai | 24-03-2022 | | |
| | | Set | 1 | 2 | | Bhilai | 24-06-2022 | | |
| 4 | Three stage mist Eliminator with all accessories, size: 7.9mx13.9 m | Set | 1 | 1 | BRBCL NTPC | NN250 | 24-01-2022 | | |
| | | Set | 1 | 2 | | NN250 | 24-06-2022 | | |
| | | Set | 1 | 3 | | NN250 | 24-01-2023 | | |
| | | Set | 1 | 4 | | NN250 | 24-06-2023 | | |
| 5 | Two stage mist Eliminator with all accessories, size: 9.9mx21.9 m | Set | 1 | 1 | MAHAGE NCO | Bhusawal | 24-09-2021 | | |
| 6 | Three stage mist Eliminator with all accessories, size: 10.9mx26.9 m | Set | 1 | 1 | NTPC | Rama 200 | 24-03-2022 | | |
| | | Set | 1 | 1 | | Rama 500 | 24-06-2022 | | |
| | Set | 1 | 2 | Rama 500 | | 24-09-2022 | | | |
| | Set | 1 | 3 | Rama 500 | | 24-12-2022 | | | |

Note

***Evaluation and ordering on Package wise

*Supervision for Erection & commissioning with Performance test, shall be within 8 months from the date of supply, or as per site readiness

*Spares (as applicable) to be supplied to stores Ranipet, along with the last dispatch of supply of main equipment

* For delivery to CFR-Chennai (Applicable to Foreign bidder), Delivery at Chennai port one month in advance from the date of site requirement

*Delivery date is tentative only. Delivery to be made as per schedule of within 5 months from the date of manufacturing clearance. Refer Annex c for details.

| Package | BOQ SI | Eq SI | Material Code | Description | UoM | Qty | Lot no | Project | Del Location | Reqd del (Tentative) For Site | Bidder to Fill |
|---------|--------|--------------|---|---|-----|-----|------------|--------------|---------------------|-------------------------------|------------------|
| | | | | | | | | | | | Quote/Not quoted |
| 1 | 1.1 | 1 | RFW009360001 | Three stage mist Eliminator with all accessories, size: 9.9mx31.9 m | Set | 1 | 1 | NTPC Patratu | Patratu Site | 24-12-2021 | |
| | | | | | Set | 1 | 2 | | | 24-04-2022 | |
| | | | | | Set | 1 | 3 | | | 24-07-2022 | |
| | 1.2 | 4 | RFW009380001 | SUPERVISION OF E&C (ONE VISIT OF 10 WORKING DAYS INCLUDING ALL CHARGES).-Enq SI 1 | Set | 1 | 1 | NTPC Patratu | Patratu Site | 24-08-2022 | |
| | | | | | Set | 1 | 2 | | | 24-12-2022 | |
| | | | | | Set | 1 | 3 | | | 24-03-2023 | |
| | 1.3 | 5 | RFW009390001 | PERFORMANCE TESTING OF MIST ELIMINATOR FOR EACH ABSORBER AT SITE.--Enq SI 1 | Set | 1 | 1 | NTPC Patratu | Patratu Site | 24-08-2022 | |
| | | | | | Set | 1 | 2 | | | 24-12-2022 | |
| | | | | | Set | 1 | 3 | | | 24-03-2023 | |
| | 1.4 | 2 | RFW009370001 | ABSORBER MIST ELIMINATOR NOZZLE - 10% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE THREE UNITS of Patratu | Set | 1 | 3 | NTPC Patratu | Stores BHEL Ranipet | 24-07-2022 | |
| 1.5 | 3 | RFW009370002 | MIST ELIMINATOR MODULES - 5% OF EACH TYPE AND SIZE/ CONFIGURATION FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE THREE UNITS of Patratu | Set | 1 | 3 | 24-07-2022 | | | | |
| 2 | 2.1 | 6 | RFW009400001 | Three stage mist Eliminator with all accessories, size: 10.9mx23.9 m | Set | 1 | 1 | NPGCL NTPC | NPGCL NNgr site | 24-01-2022 | |
| | | | | | Set | 1 | 2 | | | 24-06-2022 | |
| | | | | | Set | 1 | 3 | | | 24-01-2023 | |
| | 2.2 | 8 | RFW009420001 | SUPERVISION OF E&C OF MIST ELIMINATOR (ONE VISIT OF 10 WORKING DAYS INCLUDING ALL CHARGES)-Enq SI 6 | Set | 1 | 1 | NPGCL NTPC | NPGCL NNgr site | 24-09-2022 | |
| | | | | | Set | 1 | 2 | | | 24-02-2023 | |
| | | | | | Set | 1 | 3 | | | 24-09-2023 | |
| | 2.3 | 9 | RFW009430001 | PERFORMANCE TESTING OF MIST ELIMINATOR FOR EACH ABSORBER AT SITE-Enq SI 6 | Set | 1 | 1 | NPGCL NTPC | NPGCL NNgr site | 24-09-2022 | |
| | | | | | Set | 1 | 2 | | | 24-02-2023 | |
| | | | | | Set | 1 | 3 | | | 24-09-2023 | |
| | 2.4 | 10 | RFW009440001 | ABSORBER MIST ELIMINATOR NOZZLE 10% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/ POPULATION CONSIDERING ALL THE THREE UNITS of NPGCL NabiNagar (NTPC) | Set | 1 | 3 | NPGCL NTPC | Stores BHEL Ranipet | 24-01-2023 | |
| 2.5 | 11 | RFW009440002 | MIST ELIMINATOR MODULES 5% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE THREE UNITS of NPGCL NabiNagar (NTPC) | Set | 1 | 3 | 24-01-2023 | | | | |

| Package | BOQ SI | Eq SI | Material Code | Description | UoM | Qty | Lot no | Project | Del Location | Reqd del (Tentative) For Site | Bidder to Fill |
|---------|--------|-------|---------------|--|-----|-----|--------|---------------|---------------------------|-------------------------------|------------------|
| | | | | | | | | | | | Quote/Not quoted |
| 3 | 3.1 | 7 | RFW009410001 | Three stage mist Eliminator with all accessories, size: 7.9mx13.9 m | Set | 1 | 1 | NSPCL | Bhilai Site | 24-03-2022 | |
| | | | | | Set | 1 | 2 | NTPC | | 24-06-2022 | |
| | 3.2 | 12 | RFW009450001 | SUPERVISION OF E&C OF MIST ELIMINATOR (ONE VISIT OF 10 WORKING DAYS INCLUDING ALL CHARGES)-Enq SI 7 | Set | 1 | 1 | NSPCL | Bhilai Site | 24-11-2022 | |
| | | | | | Set | 1 | 2 | NTPC | | 24-02-2023 | |
| | 3.3 | 13 | RFW009460001 | PERFORMANCE TESTING OF MIST ELIMINATOR-Enq SI 7 | Set | 1 | 1 | NSPCL | Bhilai Site | 24-11-2022 | |
| | | | | | Set | 1 | 2 | NTPC | | 24-02-2023 | |
| | 3.4 | 14 | RFW009470001 | ABSORBER MIST ELIMINATOR NOZZLE 10% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE TWO UNITS of Bhilai | Set | 1 | 1 | NSPCL NTPC | Stores BHEL Ranipet | 24-06-2022 | |
| | 3.5 | 15 | RFW009470002 | MIST ELIMINATOR MODULES 5% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE TWO UNITS of Bhilai | Set | 1 | 1 | | | 24-06-2022 | |

| Package | BOQ SI | Eq SI | Material Code | Description | UoM | Qty | Lot no | Project | Del Location | Reqd del (Tentative) For Site | Bidder to Fill |
|---------|--------|-------|---------------|---|-----|-----|--------|------------|-----------------|-------------------------------|------------------|
| | | | | | | | | | | | Quote/Not quoted |
| 4 | 4.1 | 16 | RFW009480001 | Three stage mist Eliminator with all accessories, size: 7.9mx13.9 m | Set | 1 | 1 | BRBCL NTPC | BRBCL NNgr Site | 24-01-2022 | |
| | | | | | Set | 1 | 2 | | | 24-06-2022 | |
| | | | | | Set | 1 | 3 | | | 24-01-2023 | |
| | | | | | Set | 1 | 4 | | | 24-06-2023 | |
| | 4.2 | 17 | RFW009490001 | SUPERVISION OF E&C OF MIST ELIMINATOR (1 SET = ONE VISIT OF 10 DAYS INCLUDING ALL CHARGES)-Enq SI 16 | Set | 1 | 1 | BRBCL NTPC | BRBCL NNgr Site | 24-09-2022 | |
| | | | | | Set | 1 | 2 | | | 24-02-2023 | |
| | | | | | Set | 1 | 3 | | | 24-09-2023 | |
| | | | | | Set | 1 | 4 | | | 24-02-2024 | |
| | 4.3 | 18 | RFW009500001 | PERFORMANCE TESTING OF MIST ELIMINATOR AT SITE -Enq SI 16 | Set | 1 | 1 | BRBCL NTPC | BRBCL NNgr Site | 24-09-2022 | |
| | | | | | Set | 1 | 2 | | | 24-02-2023 | |
| | | | | | Set | 1 | 3 | | | 24-09-2023 | |
| | | | | | Set | 1 | 4 | | | 24-02-2024 | |
| | 4.4 | 19 | RFW009510001 | ABSORBER MIST ELIMINATOR NOZZLE 10% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE FOUR UNIT of BRBCL NTPC Nabi Nagar | Set | 1 | 4 | BRBCL NTPC | Stores BHEL | 24-06-2023 | |
| | 4.5 | 20 | RFW009510002 | MIST ELIMINATOR MODULES 5% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE FOUR UNITS of BRBCL NTPC Nabi Nagar. | Set | 1 | 4 | BRBCL NTPC | Ranipet | 24-06-2023 | |

| | | | | | | | | | | | |
|---|-----|----|--------------|--|-----|---|---|------------|---------------|------------|--|
| 5 | 5.1 | 21 | RFW009530001 | Two stage mist Eliminator with all accessories, size: 9.9mx21.9 m (No Spares for Bhusawal project) | Set | 1 | 1 | MAHAGE NCO | Bhusawal Site | 24-09-2021 | |
| | 5.2 | 22 | RFW009540001 | SUPERVISION OF E&C OF MIST ELIMINATOR (1 VISIT OF 10 WORKING DAYS INCLUDING ALL CHARGES)-Enq SI 21 | Set | 1 | 1 | MAHAGE NCO | Bhusawal Site | 24-05-2022 | |
| | 5.3 | 23 | RFW009550001 | PERFORMANCE TESTING OF MIST ELIMINATOR AT SITE-Enq SI 21 | Set | 1 | 1 | MAHAGE NCO | Bhusawal Site | 24-09-2021 | |

| Package | BOQ SI | Eq SI | Material Code | Description | UoM | Qty | Lot no | Project | Del Location | Reqd del (Tentative) For Site | Bidder to Fill |
|---------|--------|--------------|--|--|-----|-----|---------------------------|------------------------|----------------|-------------------------------|------------------|
| | | | | | | | | | | | Quote/Not quoted |
| 6 | 6.1 | 24 | RFW009400001 | Three stage mist Eliminator with all accessories, size: 10.9mx26.9 m | Set | 1 | 1 | NTPC RMGDM 3x200 | RMGDM Site | 24-03-2022 | |
| | 6.2 | 25 | RFW009950001 | SUPERVISION OF E&C OF MIST ELIMINATOR (ONE VISIT OF 10 WORKING DAYS INCLUDING ALL CHARGES) ABSORBER SIZE:10.9M LENGTH X 26.9M WIDTH.-Enq SI 24 | Set | 1 | 1 | | RMGDM Site | 24-11-2022 | |
| | 6.3 | 26 | RFW009960001 | PERFORMANCE TESTING OF MIST ELIMINATOR FOR EACH ABSORBER AT SITE. ABSORBER SIZE: 10.9M LENGTH X 26.9M WIDTH.-Enq SI 24 | Set | 1 | 1 | | RMGDM Site | 24-11-2022 | |
| | 6.4 | 27 | RFW009970001 | ABSORBER MIST ELIMINATOR NOZZLE 10% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION OF ST-I. | Set | 1 | 1 | | Stores BHEL | 24-03-2022 | |
| | 6.5 | 28 | RFW009970002 | MIST ELIMINATOR MODULES 5% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION OF ST-I. | Set | 1 | 1 | | Ranipet | 24-03-2022 | |
| | 6.6 | 29 | RFW009980001 | Three stage mist Eliminator with all accessories, size: 9.9mx20.4 m | Set | 1 | 1 | NTPC RMGDM 3x500 | RMGDM Site | 24-06-2022 | |
| | | | | | Set | 1 | 2 | | | 24-09-2022 | |
| | | | | | Set | 1 | 3 | | | 24-12-2022 | |
| | 6.7 | 30 | RFW009990001 | SUPERVISION OF E&C OF MIST ELIMINATOR (ONE VISIT OF 10 WORKING DAYS INCLUDING ALL CHARGES) ABSORBER SIZE: 9.9M LENGTH X 20.4M WIDTH.-Enq SI 29 | Set | 1 | 1 | | RMGDM Site | 24-02-2023 | |
| | | | | | Set | 1 | 2 | | | 24-05-2023 | |
| | | | | Set | 1 | 3 | 24-08-2023 | | | | |
| 6.8 | 31 | RFW010000001 | PERFORMANCE TESTING OF MIST ELIMINATOR FOR EACH ABSORBER AT SITE. ABSORBER SIZE: 9.9M LENGTH X 20.4M WIDTH--Enq SI 29 | Set | 1 | 1 | RMGDM Site | | 24-02-2023 | | |
| | | | | Set | 1 | 2 | | | 24-05-2023 | | |
| | | | | Set | 1 | 3 | | | 24-08-2023 | | |
| 6.9 | 32 | RFW010790001 | ABSORBER MIST ELIMINATOR NOZZLE 10% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THREE ABSORBERS OF ST-II. | Set | 1 | 3 | Stores BHEL Ranipet | | 24-12-2022 | | |
| 6.10 | 33 | RFW010790002 | MIST ELIMINATOR MODULES 5% OF EACH TYPE AND SIZE FOR THE ENTIRE SUPPLY/POPULATION CONSIDERING ALL THE THREE ABSORBERS OF ST-II. | Set | 1 | 3 | | 24-12-2022 | | | |

Note

***Evaluation and ordering on Package wise

*Supervision for Erection & commissioning with Performance test, shall be within 8 months from the date of supply, or as per site readiness

*Spares (as applicable) to be supplied to stores Ranipet, along with the last dispatch of supply of main equipment

* For delivery to CFR-Chennai (Applicable to Foreign bidder), Delivery at Chennai port one month in advance from the date of site requirement