

**Tender Notice No. SPV-CETP/JETL/SUPPLY OF MS SS PIPELINES/2024-25/008**  
**Dt: 06.12.2024**

**NOTICE INVITING TENDER**

FOR

**SUPPLY OF MS & SS PIPES AND FITTINGS AS PER THE ATTACHED LIST AT  
JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD,  
MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA.**

**TENDER DOCUMENT**

JEEDIMETLA EFFLUENT TREATMENT LTD.

Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist., Hyderabad-500055

Ph.No.8886446201/040-23092141

Email : [spvcetp@jetltd.org](mailto:spvcetp@jetltd.org)

Price - Rs.500/-

**SUPPLY OF MS & SS PIPES AND FITTINGS AS PER THE ATTACHED LIST AT  
JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD,  
MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA.**

PUBLISH OF TENDER : 06.12.2024

DATE & TIME OF SUBMISSION OF TENDER : 20.12.2024 BEFORE 5:00 P.M. AT JETL

DATE & TIME OF OPENING OF TENDERS : 21.12.2024

**NOTE:**

1. Payment should be made online for Tender Cost. Bank details are as follows.

JETL Upgradation Project  
Account No. 50200090196051,  
Name of the Bank: HDFC Bank Ltd.,  
Branch: Ground Floor, Bank House, Roxana Palladium,  
Road No. 1, Shyam Rao Nagar, Banjara Hills,  
Hyderabad, Telangana – 500034  
IFSC Code: HDFC0009817

2. Sealed Tender should be submitted

1. SUBMISSION OF TENDER:

JEEDIMETLA EFFLUENT TREATMENT LTD.

Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist.

Hyderabad-500055

Ph.No.8886446201/040-23092141

Email : [spvcetp@jetltd.org](mailto:spvcetp@jetltd.org)

1. Name of the Tenderer:

2. Tenderer Address:

3. a. PAN No. of the Firm:

b. GST No:

4. Authorised Representative Name:

Mobile No:

## **C O N T E N T S**

| <b>S. No.</b> | <b>DESCRIPTION</b>   | <b>PAGE Nos.</b> |
|---------------|--|------------------|
| <b>1</b>      | <b>Tender Notice</b>   | <b>1 - 3</b>     |
| <b>2</b>      | <b>Schedule – 1</b><br><b>(General Terms &amp; Conditions)</b>                               | <b>8 - 12</b>    |
| <b>3</b>      | <b>Schedule – 2</b><br><b>(Special Conditions)</b>   | <b>13</b>        |
| <b>4</b>      | <b>Schedule – 3</b><br><b>(Scope of supply, Technical Specifications and Price Schedule)</b> | <b>14 - 16</b>   |

**Letter comprising of quotation for “Supply of MS & SS Pipes and Fittings as per The attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Jeedimetla, Hyderabad, Medchal-Malkajgiri Dist. – 500 055, Telangana, India.**

To,

The Executive Director  
Jeedimetla Effluent Treatment Ltd.  
Plot No.267, Phase-I, IDA, Jeedimetla  
Medchal-Malkajgiri Dist., Hyderabad– 500 055  
TELANGANA, INDIA

Dear Sir,

1. With reference to your TENDER notice dated 06.12.2024, I have examined the TENDER document and understood its contents. I hereby submit my Commercial Bid for “Supply of MS & SS Pipes and Fittings as per The attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist., Hyderabad – 500 055, Telangana, INDIA.
2. The Application is unconditional for the said Tender. This bid is valid for a period not less than 30 days.
3. It is acknowledged that the Authority will be relying on the information provided in the tender and the documents accompanying such tender for qualification of the bidders for the above subject project, and we certify that all information provided in the tender and in Annexures is true and correct nothing has been misrepresented and omitted which renders such information misleading and all documents accompanying the bid are true copies of their respective originals.
4. This statement is made for the express purpose of the above-mentioned subject.
5. We shall make available to the Authority any additional information it may find necessary or require to supplement or authenticate the Qualification statement.
6. We acknowledge the right of the Authority to reject our bid without assigning any reason or otherwise and hereby relinquish, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.
7. It is declared that:
  - (a) We have examined and have no reservations to the Tender document.
  - (b) We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in respect of any Bid or request for proposal issued by or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State.
8. It is understood that the JETL may cancel the Bidding Process at any time without incurring any liability to the JETL and that you are neither bound to invite the applicants to Bid for the Project nor to accept any bid that you may receive.

9. It is certified that we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
10. It is further certified that no investigation by any regulatory agency is pending against us.
11. We hereby irrevocably relinquish any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by the Authority in connection with the selection of bidders, selection of the Tenderer, or in connection with the selection/Bidding Process itself, in respect of the above-mentioned Project and the terms and implementation thereof.
12. We agree to undertake to abide by all the terms and conditions of the TENDER document.
13. We agree to undertake to be liable for all the obligations of the Tenderer under the agreement. In witness thereof, we submit this application under and in accordance with the terms of the TENDER document.

**Yours Truly**

**(Signature, name and designation of the Authorized Signatory)**

Place: Name and seal of the Bidder/Lead Member

JETL, Hyderabad invites sealed tenders from potential and reputed manufacturers, companies authorized for the “Supply of MS & SS Pipes and Fittings as per the attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Jeedimetla, Hyderabad, Medchal-Malkajgiri Dist. – 500 055, Telangana, India.

| S.No. | Name of Work   | Tender Cost                            |
|-------|--|--|
| 1     | SUPPLY OF MS & SS PIPES AND FITTINGS AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA. | Rs.500/-<br>(Rupees Five Hundred only) |

Note:

1. Publish of Tender: 06.12.2024
2. Last Date & Time for submission of Tenders: 20.12.2024 at 5:00PM.
3. Opening of Tender: 21.12.2024
4. Tender Cost **Rs. 500/-**(Non-refundable) to be submitted in the form of DD / Online in favour of Jeedimetla Effluent Treatment Ltd., Payable at Hyderabad.
5. Period of Supply: Within 6 Weeks from date of entering into an agreement
6. JETL reserves the right to reject or accept the tender in part or in full without assigning any reason.
7. JETL have sole discretion can postpone/ advance or cancel the tender.
8. The dates mentioned above by any reason falls on holiday the next working day shall be considered.

-Sd/-

EXECUTIVE DIRECTOR

JEEDIMETLA EFFLUENT TREATMENT LTD.

Plot No.267, Phase-I, IDA, Jeedimetla, Medchal-Malkajgiri Dist., Hyderabad-500055

Ph.No.8886446201/040-23092141

Email : [spvcetp@jetltd.org](mailto:spvcetp@jetltd.org)

## **Schedule – 1**

### **General Terms & Conditions:**

#### **1.0 PREFACE:**

1.1 The Jeedimetla Effluent Treatment Ltd. (JETL), Hyderabad invites tender for “Supply of MS & SS Pipes and Fittings as per the attached list” at Jeedimetla Effluent Treatment Ltd. [JETL], Jeedimetla, Hyderabad, Medchal-Malkajgiri Dist. – 500 055 from the reputed and long-standing Manufacturers / Importers /authorized distributors / dealers etc.

1.2 The Executive Director, JETL, reserves the right to accept or reject any or all the tenders in full or part thereof, which in his opinion, justifies such action, without further explanation to the Tenderer.

#### **2.0. Definition of Terms:**

In the contract documents as here in defined where the context so admits, the following words and expressions will have the following meanings:

- 2.1 JETL shall mean Jeedimetla Effluent Treatment Limited or their duly authorized representatives.
- 2.2 Officer-in-Charge shall mean the in-charge officer at the plant or his representative.
- 2.3 Purchaser shall mean JETL.
- 2.4 Tenderer shall mean the firm/party/individual/manufacture/supplier who quotes against this enquiry.
- 2.5 Contract price mean the price referred to in against the corresponding item quoted.
- 2.6 Notice in writing or ‘Writing notice’ shall mean a notice in written typed and printed characters sent (unless delivered personally or otherwise proved to have been received) by registered post to the last known private or business address or registered office of the address and shall be deemed to have been received when in the ordinary course of post it would have been delivered.
- 2.7 “This Contract” shall mean the Articles of Agreement, the conditions, the Appendix, the Schedule of Quantities and / or specification attached hereto and duly signed.
- 2.8 The “Site” means the areas on which the permanent works are to be executed or carried out and any other places provided by the JETL for purpose of the Contract.
- 2.9 Month shall mean Calendar month.
- 2.10 “The Tenderer” shall mean the successful Tenderer to whom an order of supply is issued by the JETL.
- 2.11 “The Supply” shall mean the supply to be made in accordance with the Contract or part thereof as the case may be and shall include extra, additional, altered or substituted supply as required for purpose of the contract.
- 2.12 “The Make” shall mean the original company from where the particular material has been originated and manufactured.
- 2.13 “The Quantity” shall mean the units in Numbers/Length/Weight, the equipment is measured.



- 2.14 "The Specification" shall mean the various technical specifications attached and referred to in the tender documents. It shall also include the latest editions including all addenda/corrigenda, of relevant Indian Standard Specifications, specification of any other country published before entering into contract.
- 2.15 The "Completion Certificate" shall mean the Certificate to be issued by the Officer in-Charge after due inspection in respect of quantity, quality, make and specifications of the spares supplied by the Tenderer.
- 2.16 The "Period of Liability" in relation to spares equipment the specificised period from the date of supply and to the end of warranty period during which the Tenderer stands responsible for replacement of the defect spare.

### **3.0 Submission of Tender:**

3.1 Tenders must be submitted at JETL. Reservations, if any, regarding the tender conditions and schedule of rates should be clearly brought in a separate letter.

3.2 Addenda/Corrigenda to this tender, documents, if issued, must be signed and submitted along with the Tender document. The Tenderer should write clearly the revised quantities in schedule of rates of tender document and should price the supply based on revised quantities when amendments for quantities are issued in addenda.

3.3 Covering letter along with its enclosures accompanying the tender document and all further correspondence shall be submitted in duplicate.

3.4 The Tenders, as submitted, will consist of the following:

- i. Complete set of tender documents downloaded from JETL website duly filled in and signed by the Tenderer as prescribed in different clauses of the tender documents.

3.5 All Pages to be signed in Tender documents, shall be a dated as well as all the pages of all sections of tender documents shall initiated at the lower left-hand corner and signed wherever required in the tender papers by the Tenderer or Authorized Representative.

3.6 Rates to be in figures and words. The Tenderer should quote in English both in figures as well as in words, the rates and amounts tendered by him in the schedule of rates for each item and in such a way that insertion is not possible. The amount for each item should be worked out and entered and requisite total given of all items both in figures and words. The tendered amount for the supply shall be entered in the tender and duly signed by the Tenderer.

3.7 Corrections & Erasures:

All corrections, and alterations in the entries of tender papers will be signed in full by the Tenderer with date. No erasures or over-writings are permissible.

3.8 Tenderers should state in their offers the address to which the orders, notices and correspondence relating to the tender are to be sent. Any change of address should be notified to Jeedimetla Effluent Treatment Limited, and correspondence thereafter will be done with the state address.

3.9 The acceptance of tender and award of purchase order to one or more than one Tenderer if considered necessary will rest with the JETL who does not bind himself to accept the lowest tender. JETL reserves the right to reject any or all the offers received without assigning any reasons and no explanation can be demanded of the cause of rejection of his tender by any tenderer.

3.10 The tender documents in which tender submitted by a Tenderer shall become the property of the JETL and the JETL shall have no obligation to return the same to the tenderer.

3.11 Tenderer shall write all rates both in figures and words. In case of any discrepancy rate in words will be taken as true rate.

3.12 For any clarification regarding the tender or nature or scope of work, the office of JETL, Hyderabad may be contacted during office hours between 10 am to 5 pm on any working day.

3.13 Negligence of the bidder in preparing bid confers no right to withdraw the bid after it was opened.

#### **4.0 Transfer of Tender Document:**

Transfer of tender documents purchased by one intending tenderer to another is not permissible.

#### **5.0 Price:**

5.1 Price offered by the tenderer should be firm and free from escalations. The prices offered should be valid for a period of **30 days** from the date of tender opening.

5.2 Price should quote inclusive of transportation charges to JETL, Jeedimetla, Medchal-Malkajgiri dist., Hyderabad, Telangana State, INDIA.

5.3 Price Quoted should be Exclusive of GST.

#### **6.0 Liquidated Damages:**

6.1 If the Tenderer fails to deliver any or all of the Goods within the time period specified in the contract, the purchaser shall, without prejudice to its other remedies under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to:

6.2 1% value of the undelivered portion of the supply/ incomplete supply for each week of delay beyond the scheduled delivery date.

6.3 The total amount so deducted shall not exceed 5% of the work order value. Once the maximum is reached, the purchaser may consider termination of the contract.

6.4 Any incremental taxes and levies on account of delay in performance of the supply by the Tenderer shall be to the Tenderer's account.

## **7.0 Termination:**

7.1 The purchaser may without prejudice to any other remedy for breach of purchase order by written notice of default sent to the Tenderer, terminate the order in whole or in part:

7.2 If the Tenderer fails to deliver any or all of the goods within the time period specified in the contract or any extension thereof granted by the purchaser.

7.3 If the Tenderer fails to perform any other obligation under the contract.

7.4 In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner as it deemed appropriate, goods similar to those undelivered, and the Tenderer shall be liable to the purchaser for any excess costs for such similar goods. However, the supplier shall continue performance of the contract to the extent not terminated.

7.5 Consequent to such termination of Purchase order, the purchaser shall recover the advance paid, if any, to the Tenderer along with the interest @18% per annum compounded quarterly on the last day of March, June, September and December on the advance paid for the entire period for which the advance was retained by supplier.

7.6 The purchaser may at any time terminate the contract by giving written notice to the Tenderer, without compensation to the Tenderer, if:

7.7 The Tenderer becomes bankrupt or otherwise insolvent.

7.8 The Tenderer being a company is wound up voluntarily by the order of a court receiver or a Manager appointed on behalf of the debenture holders or circumstances shall have arisen which entitle the court or debenture holders to appoint a receiver or a Manager.

## **8.0 Force Majeure:**

8.1 For the purpose of this clause, "Force Majeure" means an event beyond the control of the Tenderer and not involving the Tenderer's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Federation either in its sovereign or contractual capacity, wars or revolutions, fires floods, epidemics, riots, terrorism and all acts of God.

8.2 If a Force Majeure situation arises, the Tenderer shall promptly notify the purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the purchase in writing, the Tenderer shall continue to perform its obligation under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

**9.0 Eligibility Criteria:**

| S. No. | Description  |
|--------|--|
| 1      | The supplier should be in this business for minimum one year                                   |
| 2      | The supplier should have annual turnover of minimum Rs.0.50 Cr in any one year in last 3 years |

**10.0 Terms of Payment:**

The terms of payment applicable to the supply will be as Stated below:

After receipt of all the material as per the Tender Document and invoice, 100% payment will be released within 15 days' period.

**11.0 Supply Period:**

Total supply period within 6 weeks from date of entering into an agreement.

**12.0 Warrantee:**

- The Tenderer should give Company warrantee for the period of 12 months from the date of supply for any manufacturing defects.

**13.0 Jurisdiction Clause:**

Any legal dispute arising out of the resultant contract will be subject to the jurisdiction of the Hyderabad & Secunderabad Courts, if the same cannot be resolved by mutual consent.

## **Schedule-II**

### **1.0 Special Conditions:**

- i. The MAKES & Specifications mentioned against each item in the price schedule is to be strictly adhered. If any spurious material is received the Tenderer will be blacklisted and the same would be circulated in all the Govt. departments.
- ii. On insistence the Tenderer should submit the proof of source of procurement of materials in order to prove genuinity.
- iii. If the Tenderer is a dealer /distributor of the materials he should submit copy of the dealership /distributorship certificate issued by the manufacturers.
- iv. Original Manufacturers may submit their offer directly or through their authorized distributor/dealers. Necessary authorization certificate should be submitted to this effect.
- v. Bidder should submit valid Authorized Dealership Certificate of Original Equipment Manufacturer (OEM), if not manufacturer, for which they have quoted for.
- vi. The tenderer has to participate fully in the tender otherwise liable for rejection
- vii. The Tenderer should accept for third party inspections appointed by the JETL.
- viii. The Successful Tenderer will be issued LOI for the contract.

**Schedule-III**

SUPPLY OF MS & SS PIPES AND FITTINGS AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJGIRI DIST. – 500 055, TELANGANA, INDIA FROM THE REPUTED AND LONG-STANDING MANUFACTURERS / IMPORTERS /AUTHORIZED DISTRIBUTORS / DEALERS

**REQUIREMENTS ARE ATTACHED AS AN ANNEXURE - I**

## PRICE SCHEDULE

**SUPPLY OF MS & SS PIPES AND FITTINGS AS PER THE ATTACHED LIST AT JEEDIMETLA EFFLUENT TREATMENT LTD. [JETL], JEEDIMETLA, HYDERABAD, MEDCHAL-MALKAJIRI DIST. – 500 055, TELANGANA, INDIA FROM THE REPUTED AND LONG-STANDING MANUFACTURERS / IMPORTERS /AUTHORIZED DISTRIBUTORS / DEALERS**

| S.NO.    | DESCRIPTION OF THE ITEM  | UNITS | QTY. | PRICE, Rs. |          | TOTAL AMOUNT, Rs. |          |
|----------|--|-------|------|------------|----------|-------------------|----------|
|          |  |       |      | In Figures | In Words | In Figures        | In Words |
| <b>A</b> | <b>MS Pipes &amp; Fittings</b>   |       |      |            |          |                   |          |
|          | <b>MS Pipes</b>  |       |      |            |          |                   |          |
| 1        | 200 NB, Heavy Duty welded pipe   | mtrs. | 504  |            |          |                   |          |
| 2        | 150 NB, Heavy Duty welded pipe   | mtrs. | 102  |            |          |                   |          |
| 3        | 100 NB, Heavy Duty welded pipe   | mtrs. | 180  |            |          |                   |          |
| 4        | 80 NB, Heavy Duty welded pipe  | mtrs. | 60   |            |          |                   |          |
| 5        | 50 NB, Heavy Duty welded pipe  | mtrs. | 60   |            |          |                   |          |
| 6        | 25NB, Heavy Duty welded pipe   | mtrs. | 150  |            |          |                   |          |
|          | <b>MS Short Bends</b>  |       |      |            |          |                   |          |
| 1        | 200 NB, 90 Deg., Heavy Duty  | Nos.  | 50   |            |          |                   |          |
| 2        | 150 NB, 90 Deg., Heavy Duty  | Nos.  | 50   |            |          |                   |          |
| 3        | 100 NB, 90 Deg., Heavy Duty  | Nos.  | 20   |            |          |                   |          |
| 4        | 80 NB, 90 Deg., Heavy Duty   | Nos.  | 20   |            |          |                   |          |
| 5        | 50 NB, 90 Deg., Heavy Duty   | Nos.  | 20   |            |          |                   |          |
| 6        | 25 NB, 90 Deg., Heavy Duty   | Nos.  | 50   |            |          |                   |          |
|          | <b>MS Flanges, ASA 150 Class, Raised Face [RF]</b>                                   |       |      |            |          |                   |          |
| 1        | 200 NB   | Nos.  | 160  |            |          |                   |          |
| 2        | 150 NB   | Nos.  | 80   |            |          |                   |          |
| 3        | 100 NB   | Nos.  | 60   |            |          |                   |          |
| 4        | 80 NB  | Nos.  | 30   |            |          |                   |          |
| 5        | 50 NB  | Nos.  | 30   |            |          |                   |          |
| 6        | 25 NB  | Nos.  | 100  |            |          |                   |          |
|          | <b>MS Reducers</b>   |       |      |            |          |                   |          |
| 1        | 200 X 150 NB, Heavy Duty   | Nos.  | 10   |            |          |                   |          |
| 2        | 200 X 125 NB, Heavy Duty   | Nos.  | 10   |            |          |                   |          |
|          | <b>Butterfly Valves of Cast Iron with SS 304 Disc, Class-PN-16, with EPDM Lining</b> |       |      |            |          |                   |          |
| 1        | 80 NB, Hand Lever Operated   | Nos.  | 50   |            |          |                   |          |
| 2        | 100 NB, Hand Lever Operated  | Nos.  | 50   |            |          |                   |          |
| 3        | 125 NB, Hand Lever Operated  | Nos.  | 15   |            |          |                   |          |

|          |   |       |     |  |  |  |  |
|----------|---|-------|-----|--|--|--|--|
| 4        | 150 NB, Geared Wheel Operated   | Nos.  | 20  |  |  |  |  |
| 5        | 200 NB, Geared Wheel Operated   | Nos.  | 25  |  |  |  |  |
|          | <b>Gate Valves of Cast Iron with SS 410 Spindle shaft, Class- PN 10, Raising Spindle, with Flange End</b> |       |     |  |  |  |  |
| 1        | 150 NB, Cast Iron Gate Valves   | Nos.  | 8   |  |  |  |  |
|          | <b>Non Return Valves [NRV] of Cast Iron, Horizontal, Flange End, Flap Type, Class-150</b>                 |       |     |  |  |  |  |
| 1        | 200 NB NRV  | Nos.  | 2   |  |  |  |  |
| <b>B</b> | <b>IBR Pipes &amp; Fittings</b>   |       |     |  |  |  |  |
| 1        | 80 NB, Seamless pipe  | mtrs. | 54  |  |  |  |  |
| 2        | 80 NB, 90 Deg. Short bends  | Nos.  | 10  |  |  |  |  |
| 3        | 80 NB ASA 150 Flanges, Raised Face [RF]   | Nos.  | 20  |  |  |  |  |
| 4        | 150 NB Globe Valves, Flange End, 150 Class  | Nos.  | 2   |  |  |  |  |
| 5        | 100 NB Globe Valves, Flange End, 150 Class  | Nos.  | 2   |  |  |  |  |
| 6        | 80 NB Globe Valves, Flange End, 150 Class   | Nos.  | 4   |  |  |  |  |
| <b>C</b> | <b>SS-316&amp; SS-304 Pipes &amp; Fittings (with test certificates)</b>                                   |       |     |  |  |  |  |
| 1        | 50 NB SS-316 Pipes  | mtrs. | 204 |  |  |  |  |
| 2        | 50 NB SS-316 Bends  | Nos.  | 50  |  |  |  |  |
| 3        | 50 NB SS-316 Flanges  | Nos.  | 50  |  |  |  |  |
| 4        | 50 NB SS-304 Pipes  | mtrs. | 204 |  |  |  |  |
| 5        | 50 NB SS-304 Bends  | Nos.  | 50  |  |  |  |  |
| 6        | 50 NB SS-304 Flanges  | Nos.  | 60  |  |  |  |  |
| 7        | 50NB SS 316 Ball valves   | Nos.  | 20  |  |  |  |  |
| 8        | 80NB SS-316 Ball valves   | Nos.  | 10  |  |  |  |  |
| 9        | 25 NB SS-316 Ball valve   | Nos.  | 10  |  |  |  |  |
| 10       | 50NB SS 304 Ball valves   | Nos.  | 15  |  |  |  |  |
| 11       | 80NB SS-304 Ball valves   | Nos.  | 6   |  |  |  |  |
| 12       | 25 NB SS-304 Ball valves  | Nos.  | 10  |  |  |  |  |



**SUPPLY OF MS & SS PIPES AND FITTINGS****A MS Pipes & Fittings (with Material Test Certificates) of make TATA/JINDAL**

- i Supply of MS Pipelines, bends, reducers as per IS 1239 / ERW , Class C (heavy duty)
- ii Supply of MS Flanges, Class ASA 150, Raised Face [RF]
- iii Supply of Butterfly valves, Gate Valves, Non Return Valves [NRV] of make AUDCO/L&T/ FLOW SERVE/PROCESS TECHNO/DURGA/EQUIVALENT

**B IBR Pipes & Fittings (with IBR Certificate) of make Jindal / Maharastra Seamless / Equivalent**

- i Supply of IBR seamless carbon steel Pipes, Sch-40, confirming to ASTM A 106, Gr.B.Dimn.
- ii Supply of Carbon Steel (ASA 516 Gr 70) Slip-on (SORF) plate flanges & Dimn. To ASNI B16.5 Raised Face (RF)
- iii Supply of Carbon Steel Seamless bends, (ASTM A - 234 Gr WP & Dimn. As per ANSI B 16.9, Sch.40, 90 degrees butt welded bends
- iv Supply of Cast Steel Globe Valves Flanged PM-40, Design Pressure- 38 Barg., Design Temperature - 400 Deg.C confirms to ASTM A-216 GR-WCB of make SANT/L&T/EQUIVALENT

**C SS-316 & SS-304 Pipes & Fittings (with test certificates) of make VENUS/SUBALAKSHMI/UNIVERSAL/EQUIVALENT**

- i Supply of SS-316 / SS-304 Pipes of welded type, Sch-10
- ii Supply of SS-316 / SS-304 90 Deg. Bends of welded type, Sch-10
- iii Supply of SS-316 / SS-304 Raised Face Flanges, ASA 150
- iv Supply of SS-316/SS-304 3-Piece Flange End Ball Valves of CF-8M/CF8, ASA-150 of make AUDCO/PROCESS TECHNO/EQUIVALENT

| S.NO.    | DESCRIPTION OF THE ITEM                            | UNITS | QTY. |
|----------|--|-------|------|
| <b>A</b> | <b>MS Pipes &amp; Fittings</b>                     |       |      |
|          | <b>MS Pipes</b>                                    |       |      |
| 1        | 200 NB, Heavy Duty welded pipe                     | mtrs. | 504  |
| 2        | 150 NB, Heavy Duty welded pipe                     | mtrs. | 102  |
| 3        | 100 NB, Heavy Duty welded pipe                     | mtrs. | 180  |
| 4        | 80 NB, Heavy Duty welded pipe                      | mtrs. | 60   |
| 5        | 50 NB, Heavy Duty welded pipe                      | mtrs. | 60   |
| 6        | 25NB, Heavy Duty welded pipe                       | mtrs. | 150  |
|          | <b>MS Short Bends</b>                              |       |      |
| 1        | 200 NB, 90 Deg., Heavy Duty                        | Nos.  | 50   |
| 2        | 150 NB, 90 Deg., Heavy Duty                        | Nos.  | 50   |
| 3        | 100 NB, 90 Deg., Heavy Duty                        | Nos.  | 20   |
| 4        | 80 NB,90 Deg., Heavy Duty                          | Nos.  | 20   |
| 5        | 50 NB, 90 Deg., Heavy Duty                         | Nos.  | 20   |
| 6        | 25 NB, 90 Deg., Heavy Duty                         | Nos.  | 50   |
|          | <b>MS Flanges, ASA 150 Class, Raised Face [RF]</b> |       |      |
| 1        | 200 NB   | Nos.  | 160  |
| 2        | 150 NB   | Nos.  | 80   |
| 3        | 100 NB   | Nos.  | 60   |
| 4        | 80 NB  | Nos.  | 30   |

|          |   |       |     |
|----------|---|-------|-----|
| 5        | 50 NB   | Nos.  | 30  |
| 6        | 25 NB   | Nos.  | 100 |
|          | <b>MS Reducers</b>  |       |     |
| 1        | 200 X 150 NB, Heavy Duty  | Nos.  | 10  |
| 2        | 200 X 125 NB, Heavy Duty  | Nos.  | 10  |
|          | <b>Butterfly Valves of Cast Iron with SS 304 Disc, Class-PN-16, with EPDM Lining</b>                      |       |     |
| 1        | 80 NB, Hand Lever Operated  | Nos.  | 50  |
| 2        | 100 NB, Hand Lever Operated   | Nos.  | 50  |
| 3        | 125 NB, Hand Lever Operated   | Nos.  | 15  |
| 4        | 150 NB, Geared Wheel Operated   | Nos.  | 20  |
| 5        | 200 NB, Geared Wheel Operated   | Nos.  | 25  |
|          | <b>Gate Valves of Cast Iron with SS 410 Spindle shaft, Class- PN 10, Raising Spindle, with Flange End</b> |       |     |
| 1        | 150 NB, Cast Iron Gate Valves   | Nos.  | 8   |
|          | <b>Non Return Valves [NRV] of Cast Iron, Horizontal, Flange End, Flap Type, Class-150</b>                 |       |     |
| 1        | 200 NB NRV  | Nos.  | 2   |
| <b>B</b> | <b>IBR Pipes &amp; Fittings</b>   |       |     |
| 1        | 80 NB, Seamless pipe  | mtrs. | 54  |
| 2        | 80 NB, 90 Deg. Short bends  | Nos.  | 10  |
| 3        | 80 NB ASA 150 Flanges, Raised Face [RF]   | Nos.  | 20  |
| 4        | 150 NB Globe Valves , Flange End, 150 Class   | Nos.  | 2   |
| 5        | 100 NB Globe Valves , Flange End, 150 Class   | Nos.  | 2   |
| 6        | 80 NB Globe Valves , Flange End, 150 Class  | Nos.  | 4   |
| <b>C</b> | <b>SS-316&amp; SS-304 Pipes &amp; Fittings (with test certificates)</b>                                   |       |     |
| 1        | 50 NB SS-316 Pipes  | mtrs. | 204 |
| 2        | 50 NB SS-316 Bends  | Nos.  | 50  |
| 3        | 50 NB SS-316 Flanges  | Nos.  | 50  |
| 4        | 50 NB SS-304 Pipes  | mtrs. | 204 |
| 5        | 50 NB SS-304 Bends  | Nos.  | 50  |
| 6        | 50 NB SS-304 Flanges  | Nos.  | 60  |
| 7        | 50NB SS 316 Ball valves   | Nos.  | 20  |
| 8        | 80NB SS-316 Ball valves   | Nos.  | 10  |
| 9        | 25 NB SS-316 Ball valve   | Nos.  | 10  |
| 10       | 50NB SS 304 Ball valves   | Nos.  | 15  |
| 11       | 80NB SS-304 Ball valves   | Nos.  | 6   |
| 12       | 25 NB SS-304 Ball valves  | Nos.  | 10  |