



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

ENQ No: 9241800045

06.07.2018

### NOTICE INVITING TENDER

NAME OF WORK: **Laying of overhead pipeline in Unit-I & Unit-II, HPBP, BHEL, Trichy.**

Ref: Enquiry no: 9241800045 Date: 06/07/2018; Due date: 28/07/2018

Tender of the following work should be submitted in a sealed cover consisting of three inner sealed covers such as 1) EMD cover, 2) Technical bid cover & 3) Price bid cover, all super- scribing the name of work, enquiry number, etc.

- 1) EMD cover shall contain requisite EMD of ₹ **11,407.00/-** & Payment of EMD must be in e-Collect mode only as directed in Commercial T & C. **MSE** suppliers can avail EMD Waiver benefits only if they submit along with the offer, attested copies of either EM II Certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II Certificate along with attested copy of a CA Certificate (Format Enclosed).
- 2) Technical bid cover shall contain duly filled in Technical bid document signed by the tenderer in all the pages with documentary evidences for Pre-Qualification Criteria (PQC). Any bid without proper documentary evidence for PQC shall not be considered for further evaluation.
- 3) One set of unpriced bid of Contract Work Schedule duly signed by the tenderer for accepting the work content (Bill of Material- BoM) should be submitted along with the Technical bid for technical evaluation.
- 4) The price bid cover shall contain price bid document duly filled in and signed by the tenderer in all the pages. The tenderer has to quote most competitive rates for all the items given in the Bill of Quantities in price bid.

The complete Technical bid and price bid along with requisite **EMD of ₹ 11,407.00/-** shall reach the office of the undersigned on or before 28/07/2018 at 14.00 Hrs. **Tenders without EMD/ MSME proof as above will be summarily rejected and the Technical bid & Price bid shall not be considered for further evaluation.**

The Technical bid will be opened on the same day at 14.30 hrs. In case of opening day falls on holiday or happened to be declared as a holiday the receipt and opening of the tender shall automatically fall on the same timing of the next working day. Date and time of opening of the Price Bid shall be intimated only to the bidders those who have qualified after evaluation of the Technical bid. You / Your authorized representative may participate in the tender opening.

Clarification if any can be obtained from the Senior Engineer/ Contracts/ M&S.

Encl:

- 1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & price bid)

Sign & Seal of Contractor



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

Tender should be addressed to:

**THE SENIOR ENGINEER,  
MAINTENANCE & SERVICES / CONTRACTS,  
2&4 BUILDING, BHARAT HEAVY ELECTRICALS LIMITED,  
HIGH PRESSURE BOILER PLANT,  
TIRUCHIRAPPALLI, TAMILNADU - 620014.**

### NOTICE INVITING TENDER

01.	Name of work	Laying of overhead pipeline in Unit-I & Unit-II, HPBP, BHEL, Trichy.
02.	Earnest Money Deposit	₹ 11,407.00/-
03.	Duration of the contract	Two Years (From the date of commencement of the work)
04.	Last Date for Receipt of Tender	14.00 Hrs. on 28/07/2018
05.	Date of Technical Bid Opening	14.30 Hrs. on 28/07/2018
05.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
07.	Guarantee Period	Not applicable

The Tender documents can be downloaded from BHEL website  
([http://www.bhel.com/tender/tender\\_home.php](http://www.bhel.com/tender/tender_home.php)) free of cost.

Tender document contains 14 Pages (Technical & Commercial Bid – 10 Pages, Schedule for Price Bid – 01 page, Sample format for CA certificate – 01 page).

Sign & Seal of Contractor



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

### TECHNICAL BID

NAME OF WORK: **Laying of overhead pipeline in Unit-I & Unit-II, HPBP, BHEL, Trichy.**

Ref: Enquiry no: 9241800045 Date: 06/07/2018; Due date: 28/07/2018.

### PRE-QUALIFICATION CRITERIA

The following eligibility criteria shall be complied to fulfill the Technical bid:

Sl. No	Description	Vendor to confirm
1	The bidder should have previous experience in the field work mentioned below: Minimum ONE-year Work Experience in Heavy Metal Fabrication Works in any Engineering industry within past five years from the date of tender opening. The bidder shall submit PO copy of the work completed as supporting document, along with the offer, in order to qualify. Otherwise their offer is liable for rejection. Bidder to confirm.	
2	Name and contact details like E-mail, Phone number, Fax no, etc. of the customer/ company where the maintenance contract is executed. Bidder to give details.	
3	(i) BHEL Vendor code (if applicable) - (ii) PAN Number (Copy to be Enclosed) – (iii) GSTN registration Number (Copy to be Enclosed) – (iv) Mobile number (Which is linked to GSTN registration Number) – (v) Email id (Which is linked to GSTN registration Number) – (vi) HSN/SAC Code - Offer will be entertained only if the vendor submit the details as above & has a valid GST registration no. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer. Otherwise the offer shall be rejected.	
4	Acceptance for Scope of Work as per the Enquiry.	
5	Acceptance for All Terms & Conditions as per the Enquiry; viz. Safety, LD/Penalty, Risk Purchase, Suspension of Contract, Indemnity, BHEL Fraud Prevention Policy, etc. as given in “General Terms & Conditions”.	
6	BHEL may verify the information provided by vendor. In case the information provided by vendor is found to be false / incorrect, the offer shall be rejected. Bidder to confirm.	

Sign & Seal of Contractor



An ISO: 9001  
Organization

# BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

## SCOPE OF WORK

NAME OF WORK: **Laying of overhead pipeline in Unit-I & Unit-II, HPBP, BHEL, Trichy.**

Ref: Enquiry no: 9241800045 Date: 06/07/2018; Due date: 28/07/2018

Item Sl. no.	Scope of Work	Qty. in meter
<b>10</b>	<b>LAYING OF PIPELINE IN O.H. AT UNIT-I</b>	
10	LAYING OF PIPELINE IN O.H.12". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	85
20	LAYING OF PIPELINE IN O.H.8". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	180
30	LAYING OF PIPELINE IN O.H.6". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	170
40	LAYING OF PIPELINE IN O.H.4". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	100
50	LAYING OF PIPELINE IN O.H.3". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	400
60	LAYING OF PIPELINE IN O.H.2". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	150
70	LAYING OF PIPELINE IN O.H.2" SOCKET WELD Note: The newly laid pipeline is to be tested pneumatically/hydraulically to a pressure of 15 Kg/cm2.	200
80	LAYING OF PIPELINE IN O.H.2" (LPG) Note: 1. The root run for the LPG line shall be TIG welding only for which the welding consumables will be given by BHEL. 2. For LPG application pipeline, the newly laid line is to be pneumatically/hydraulically tested to a pressure of 15 Kg/cm2.	100
90	LAYING OF PIPELINE IN O.H.1.5". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	50
100	LAYING OF PIPELINE IN O.H.1". NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2.	50
110	LAYING OF PIPELINE IN O.H.10" NOTE: All the pipelines are to be tested pneumatically to a pressure of 6 Kg/cm2. <b>Common Note for item nos. 10 to 110:</b> <b>SCOPE OF WORK:</b> 1. The dia. 12", 10", 8", 6", 4", 3", 2", 2" socket, 2" LPG line, 1.5" and 1" Gas or Air conveying Pipe lines with flanges are to be fabricated on ground and to be laid at height of 7 meter approx. along the bay column structure and open yard. The above works are to be carried out in HPBP/Trichy -14. Note: The length of the required pipeline to be laid will be informed as per the site requirement. The minimum length of the new pipeline required to lay shall be of 3 metres length. 2. Dummy flanges are to be prepared and provided for unused gas or airline tapping's.	85

Sign & Seal of Contractor



An ISO: 9001  
Organization

# BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

	<p>3. Support structure as required to lay the pipeline in Overhead (O.H) has to be fabricated and provided.</p> <p>4. Clamping where ever required are to be provided.</p> <p>5. All flange joints to be checked and corrected for parallality and alignment without the requirement of pulling and fastening the flanges, gasket to be provided.</p> <p>6. Socket and "T" welded joints to be provided for oxygen line wherever required.</p> <p>7. Required isolation valves and tapping components in the drop lines are to be provided for respective gas/air lines.</p> <p>8. The isolation valves will have flanged ends and threaded ends. For flanged end valves, required matching flanges are to be made by the contractor. The flange holes are to be made by drilling by the contractor for which drilling machine will be provided by BHEL. For threaded end valves, required matching thread in the pipe will be done by BHEL. Reducer and expander wherever required in the pipelines are to be fabricated and provided by the contractor.</p> <p>9. The newly laid pipelines has to be tested PNEUMATICALLY/ HYDRAULICALLY to the required pressures mentioned against each item to ensure leak proof, if leak is observed while testing, leaky area to be repaired and retested for which testing machine/compressed air will be provided by BHEL.</p> <p>10. All the newly laid pipelines are to be painted with one Coat of red oxide primer and two coats of enamel paint of respective colour for different gas lines which will be informed by pipeline in charge.</p> <p>11. Colour code and arrow mark for individual erected gas lines to be painted once in 50 metres.</p> <p>12. Internal distribution pipeline from the main header to individual application utilities should also be provided.</p>	
120	DISMANTLING OF PIPELINE IN O.H.12" .	85
130	DISMANTLING OF PIPELINE IN O.H.10" .	75
140	DISMANTLING OF PIPELINE IN O.H.8" .	200
150	DISMANTLING OF PIPELINE IN O.H 6" .	200
160	DISMANTLING OF PIPELINE IN O.H.5" .	40
170	DISMANTLING OF PIPELINE IN O.H.4" .	50
180	<p>DISMANTLING OF PIPELINE IN O.H 3" .</p> <p><b>Common Note for item nos. 120 to 180:</b></p> <p><b>SCOPE OF WORK:</b></p> <p>The dia. 12 inch,10 inch,8 inch ,6 inch,5 inch,4 inch and 3-inch overhead Pipe lines with fittings installed at height of 7 meter approx. and Internal distribution pipeline with fittings from the main header to individual application utilities are to be cut and dismantled suitably along the bay column / open yard structure. The above works are to be carried out in HPBP/Trichy -14.</p> <p><b>Note:</b></p> <p>1. The length of the required pipeline to be dismantled will be informed as per the site requirement. The minimum length of the pipeline required to dismantle shall be of 3 metres length.</p> <p>2. If existing gas pipe lines are to be dismantled, the same to be purged properly with compressed air/nitrogen before dismantling as per instruction of supervisor.</p>	200

Sign & Seal of Contractor



An ISO: 9001  
Organization

# BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

	<ol style="list-style-type: none"> <li>3. All the dismantled pipelines and fittings are to be shifted to disposal store/gas plant area.</li> <li>4. The area around the working spot and ground floor are to be cleaned before commencement of work and after completion of work.</li> <li>5. The Producer gas lines are to be cut by using gas cutting or manual arc welding machine depends upon tar/ gas condensate content available in the PG pipe lines.</li> </ol>	
<b>20</b>	<b>LAYING OF PIPELINE IN O.H. AT UNIT-II</b>	
10	<p>LAYING OF 12 " PIPELINE <b>Common Note for service No: 10 TO 70</b> <b>SCOPE OF WORK:</b></p> <ol style="list-style-type: none"> <li>1. The dia. 12",8",4",3", 2" and 1" Gas / Air Pipe lines with flanges (if required) are to be fabricated on ground and to be laid at height of 7 meter approx. along the bay column structure, open yard trestles and at various locations at Unit II and LPG yard as per the instruction of BHEL supervisor.</li> <li>The above works are to be carried out in HPBP- UNIT II / LPG YARD.</li> <li>Note: The length of the required pipeline will be informed to suit the site requirement.</li> <li>2. Dummy flanges are to be prepared and provided for unused gas or airline tapings.</li> <li>3. Support structure as required to lay the pipeline in Overhead has to be fabricated and provided.</li> <li>4. All flange joints to be checked and corrected for parallelity and alignment and gasket without the requirement of pulling and fastening the flanges, gasket to be provided.</li> <li>5. Socket and "T" welded joints to be provided for oxygen line where required.</li> <li>6. Clamping has to be provided for pipe lines where ever required as per BHEL supervisor's instruction.</li> <li>7. Required isolation valves and tapping components are to be provided for respective gas lines. The lines have to be leak tested with soap water after installation.</li> <li>8. The isolation valves will have flanged ends and threaded ends.             <ol style="list-style-type: none"> <li>a. For flanged end valves, required matching flanges are to be made by the contractor. The flange holes are to be made by drilling by the contractor for which drilling machine will be provided by BHEL.</li> <li>b. For threaded end valves, required matching thread in the pipe will be done by BHEL. Reducer and expander wherever required in the pipelines are to be fabricated and provided by the contractor.</li> <li>c. The Valves are to be installed at necessary locations specified by BHEL Supervisor. The vendor shall install required end connection flanges, gaskets and fasteners during the installation of the valves. The valves should be supported wherever required.</li> </ol> </li> <li>9. The newly laid pipelines has to be hydro tested to a pressure of 10 Kg/Sq.cm. to ensure leak proof, if leak is observed while testing, leaky area to be repaired and retested for which testing machine will be provided by BHEL.</li> <li>10. All the newly laid pipelines are to be painted with one coat of red oxide primer and two coats of enamel paint of respective colour for different gas lines which will be informed by BHEL supervisor. Colour code and arrow mark for individual erected gas lines to be painted once in 50 metres as per BHEL supervisor's instruction.</li> <li>11. Internal distribution pipeline from the main header to individual application utilities should also be provided as per BHEL supervisor's instruction.</li> <li>12. TIG root welding is to be done for welding of LPG Pipelines LPG Line.</li> </ol>	50

Sign & Seal of Contractor



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

	13. Skilled fitters, welders & skilled man power has to be deployed to execute the work.	
20	LAYING OF 8 " PIPELINE	100
30	LAYING OF 4" PIPELINE	180
40	LAYING OF 3 " PIPELINE	120
50	LAYING OF 2 " PIPELINE	150
60	LAYING OF 2 " SOCKET WELD PIPELINE Note: The newly laid pipeline is to be tested pneumatically/hydraulically to a pressure of 15 Kg/cm2.	50
70	LAYING OF 1" PIPELINE Note: The newly laid pipeline is to be tested pneumatically/hydraulically to a pressure of 15 Kg/cm2.	250
80	DISMANTLING OF PIPELINE IN O.H.4" <b>Common Note for service No. 80 to 90:</b> <b>SCOPE OF WORK:</b> The dia. 4 inch and 3-inch overhead Pipe lines with fittings installed at height of 7 meter approx. and Internal distribution pipeline with fittings from the main header to individual application utilities are to be cut and dismantled suitably along the bay column structure, open yard trestles and at various locations at Unit II and LPG yard as per the instruction of BHEL supervisor. The above works are to be carried out in HPBP, UNIT-II / LPG YARD. <b>Note:</b> 1. The length of the required pipeline to be dismantled will be informed as per the site requirement. The minimum length of the pipeline required to dismantle shall be of 3 metres length. 2. If existing gas pipe lines are to be dismantled, the same to be purged properly with compressed air/nitrogen before dismantling as per instruction of supervisor. 3. All the dismantled pipelines and fittings are to be shifted to disposal store/ Compressor area. 4. The area around the working spot and ground floor are to be cleaned before commencement of work and after completion of work.	120
90	DISMANTLING OF PIPELINE IN O.H 3"	80

### **Common Note for All Items:**

1. All the work mentioned in this contract is of annual contract in nature, hence the validity of this service contract should upto one year. The Contractor should work as and when called to meet the production requirement. Also work shall be carried out during lunch time, shift change time, Sunday's and other holiday's as per the requirement.
2. Sufficient man power should be deployed to execute the work at the minimum possible time.
3. Work permit is to be obtained by the contractor before commencement of work as per BHEL safety rules.
4. Since all the works are inter-related (item 10/10 to 180/10), cumulative L1 offer will be considered.
5. Since all the works are inter-related (item 10/20 to 90/10), cumulative L1 offer will be considered.

Sign & Seal of Contractor



An ISO: 9001  
Organization

# BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

-----  
**Scope of BHEL:**

1. All the required raw materials such as pipe material, plate material, structural material, valves, isolation valves, regulators, tapping manifold, and end fittings for the respective gas/air lines will be supplied by BHEL at free of cost.
2. All the consumables such as welding electrodes, oxy-acetylene gas, paint, brush, Teflon tape, gasket, kerosene, fasteners, water, compressed air, hydro test pump, electricity will be supplied by BHEL at free of cost.
3. Elbows and Bends will be given by BHEL at free of cost for 4", 3", 2", 2" socket, 1.5" and 1" lines.
4. Drilling machine for flange preparation work and pipe thread preparation work will be done by BHEL at free of cost.

**Scope of Contractor:**

1. All the required tools and tackles to carry out the work will be in contractor's scope.
2. Three phase welding machine with cables, cutogen with flexible hoses and regulator will be in contractor's scope.
3. The contractor should prepare the required flanges to execute the work.
4. Required Scaffolding wherever required is to be made by the contractor, for which the scaffolding materials are to be bought by the contractor. Pipe Clamps and miscellaneous materials for Scaffolding purpose are also under scope of contractor.
5. Lifting tackles will be in the contractor's scope.
6. Elbows and Bends has to be fabricated by the contractor for 6 inch,8 inch,10 inch and 12 inch lines.

\*\*\*\*\*

Sign & Seal of Contractor



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

### **GENERAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS**

#### **1. SAFETY:**

- a) Safety precautions have to be ensured by the Contractor Depending on the work. Necessary work permit system and personal protective equipment's (PPE) such as electrical resistance rubber gloves, helmet, spectacle goggles, safety shoes, safety belt, etc. as applicable to Mechanical works should be adhered while carrying out the work.
- b) PPEs for appropriate trade job has to be ensured by the contractor at the job site at all times.
- c) The work nature may demand working at heights and/or at depth areas. Hence all staff members must be of sound Physical and Mental Health who can complete the job without harming himself and others.
- d) In case any employee found incompetent to carry out the work as stated above/ misbehaving others/ consumed alcohol, he shall be sent out of the factory and the contractor has to arrange alternate manpower immediately. Else the day shall be marked absent.

#### **2. Contractor may visit BHEL Trichy premises to get acquaintance with quantum of work before quoting.**

#### **3. TENDERING CONDITIONS:**

- a) The Bidders shall submit the offer in **TWO PART BID SYSTEM** (Part -I & II) along with EMD as indicated below which shall be sealed in ONE OUTER ENVELOPE.
- b) Envelope I- This sealed envelope should contain all the copies of technical bid together with un-priced commercial bid. This envelope should be clearly marked "Part I - Technical and commercial bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder. Envelope I should contain sealed EMD cover indicating the enquiry detail.
- c) Envelope II - This sealed envelope should contain price details. This envelope should be clearly marked as - "Part -II Price bid", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- d) Envelope III - This sealed envelope should contain requisite **EMD**. This envelope should be clearly marked as - "EMD COVER", indicating Enquiry No., Due Date and Address & Reference of the Bidder.
- e) All the three envelopes shall be put in one cover, duly sealed, super scribing as offer for Enquiry No., and due date of opening, Name of the work and the address and reference of the Bidder.
- f) The offer should reach this office on or before the due date by 14.00 Hrs. (IST). Late offers will not be considered.
- g) Tender should not be addressed to any Individual's name but only by designation to:

THE SENIOR ENGINEER  
MAINTENANCE & SERVICES / CONTRACTS, 2&4 BUILDING,  
BHARAT HEAVY ELECTRICALS LIMITED, HPBP,  
TIRUCHIRAPALLI, TAMIL NADU, INDIA - 620 014.

- h) Tenders should be free from CORRECTION AND ERASURES, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures. Where there is difference between amount quoted in words and figures, amount quoted in words shall prevail.
- i) Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

#### **4. OPENING OF TENDERS:**

- a) The Part I - Technical & un-priced commercial bid and EMD Cover alone would be opened on the Tender

Sign & Seal of Contractor



An ISO: 9001  
Organization

# BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

opening date (as mentioned in the enquiry) by 14.30Hrs(IST).

- b) The Part II - Price bid of technically suitable Bidders alone would be opened. The Technically Suitable Bidders would be informed about the Price bid opening date.
- c) Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.

## 6. GST:

- a) Response to Tenders for Contractor will be entertained only if the vendor has a valid GST registration no which should be clearly mentioned in the offer. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.
- b) Contractor shall mention their GST regd. number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC, etc.
- c) All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC (Services Accounting Code).

## 7. LD/ PENALTY CLAUSE:

If the contractor fails to complete the work as per terms & conditions of the order within the delivery schedule, 0.5% of the order value will be deducted from the bill/ recovered from the SD for each week of delay or part there of subject to a max. of 10% of the total contract value.

## 8. RISK PURCHASE:

In the event of any successful Tenderer's failure to fulfil any of the Tender / Contract obligations as per Contract / Agreement BHEL may entrust the job to alternate source and get it completed to meet BHEL requirement and additional expenditure, if any, including consequential cost, will be fully recovered from the Tenderer Contractor who failed to complete the job in line with Contract. The decision of BHEL with regard to the actual losses / consequential expenditures incurred by BHEL shall be final and binding on the Tenderer / Contractor.

## 9. SUSPENSION OF CONTRACT:

In the event of non-completion of contract/ un-satisfactory performance reported by the area Executive, resulting in cascading of events leading to impact in a negative way on financial/ safety/ procedures of various sections/ departments, the contract shall be terminated immediately with intimation and action shall be taken against the contractor as per the extant 'Guidelines for Suspension of business dealings with Suppliers/ Contractors'.

## 10. INDEMNITY:

The Contractor shall have to indemnify BHEL against all claims for injury or damage to any person or property caused by his negligence or negligence of his employees whilst in BHEL premises / sites.

## 11. BHEL FRAUD PREVENTION POLICY:

The bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/ service providers shall strictly adhere to BHEL fraud prevention policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.

\*\*\*\*\*

Sign & Seal of Contractor



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

e-mail: [avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

### **COMMERCIAL TERMS AND CONDITIONS FOR M&S MECHANICAL CONTRACTS**

- 1) 100% payment will be made after completion of entire work pro-rata basis on submission of invoice in triplicate duly certified by Area In-charge.
- 2) Attendance register should be maintained.
- 3) **Payment of EMD & SD must be in e-Collect mode only, while making such payment, Enquiry number may be mentioned in Remark column. Offers without EMD shall be liable for rejection.**

**Procedure to remit money to BHEL Trichy's Account:**

Login to : <https://www.onlinesbi.com/prelogin/collecthome.htm?corpID=574693>

- a) Select State Bank Collect available on the top ( pre login page )
  - b) Accept the terms and conditions and click "PROCEED"
  - c) Select State "TAMILNADU "and Institution type "INDUSTRY "
  - d) Select "BHEL TRICHY" under "INDUSTRY".
  - e) In the next page, select APPROPRIATE category, fill details correctly & click "SUBMIT".
  - f) If all details entered are correctly populated, click "CONFIRM "to proceed.
  - g) Make payment as per your convenience. (Options available are payment of fees through **SBI Net Banking, State Bank ATM cum Debit Cards / Other Bank Debit / Credit Cards and through SBI Branches**).
  - h) SAVE & Keep the copy of receipt for future reference.
- 4) Security Deposit shall be furnished by the successful vendor to the total contract value before starting the work. The total amount of Security Deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit. **SD will be forfeited in case of any failure in execution of the contract or due to any shortcomings observed in the documentation furnished earlier for getting qualified or in case the Contractor is banned.**
  - 5) An additional payment as per circular ref. BHEL: HR: W: EW, dt.08.04.2014 is to be paid to the contract workmen as below, over and above the minimum wages prescribed by the government of Tamil Nadu:  
Unskilled - Rs.3200/-  
Semiskilled - Rs.3700/-  
Skilled - Rs.4100/-
  - 6) Bonus @ 8.33 % to workmen to be paid.
  - 7) **Rate should be quoted as per price bid.**
  - 8) Taxes if any will be mentioned separately in the offer.
  - 9) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding and lodging.
  - 10) The contractor should quote the validity of the offer.
  - 11) If two or more vendors offer the same rate, negotiation will be conducted separately.
  - 12) The contractor should remit the salary/wages for their workmen only through Bank. Monthly clearance will be given in respect of all contractors, if only the salary/ wages to the workmen has been remitted through the bank account of the contract workmen. The relevant Bank statement/proof for Bank payment should be produced along with PF and ESI challans to Welfare Section every month.

\*\*\*\*\*

Sign & Seal of Contractor



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

### SCHEDULE FOR PRICE BID

NAME OF WORK: **Laying of overhead pipeline in Unit-I & Unit-II, HPBP, BHEL, Trichy.**

Ref: Enquiry no: 9241800045 Date: 06/07/2018; Due date: 28/07/2018

Item sl. no	Item Description	Qty.	UoM	Rate/ Unit	Value
<b>10</b>	<b>Laying of Pipeline in Overhead at Unit-I &amp; Unit-II.</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>
10	LAYING OF PIPELINE IN O.H.12"	85.00	M		-NA-
20	LAYING OF PIPELINE IN O.H. 8"	180.00	M		-NA-
30	LAYING OF PIPELINE IN O.H. 6"	170.00	M		-NA-
40	LAYING OF PIPELINE IN O.H. 4"	400.00	M		-NA-
50	LAYING OF PIPELINE IN O.H. 3"	400.00	M		-NA-
60	LAYING OF PIPELINE IN O.H. 2"	150.00	M		-NA-
70	LAYING OF PIPELINE IN O.H. 2" SOCKET WELD	200.00	M		-NA-
80	LAYING OF PIPELINE IN O.H. 2" (LPG)	100.00	M		-NA-
90	LAYING OF PIPELINE IN O.H. 1.5"	50.00	M		-NA-
100	LAYING OF PIPELINE IN O.H. 1"	50.00	M		-NA-
110	LAYING OF PIPELINE IN O.H. 10"	85.00	M		-NA-
120	DISMANTLING OF PIPELINE IN O.H. 12"	85.00	M		-NA-
130	DISMANTLING OF PIPELINE IN O.H. 10"	75.00	M		-NA-
140	DISMANTLING OF PIPELINE IN O.H. 8"	200.00	M		-NA-
150	DISMANTLING OF PIPELINE IN O.H. 6"	200.00	M		-NA-
160	DISMANTLING OF PIPELINE IN O.H. 5"	40.00	M		-NA-
170	DISMANTLING OF PIPELINE IN O.H. 4"	50.00	M		-NA-
180	DISMANTLING OF PIPELINE IN O.H. 3"	200.00	M		-NA-
<b>20</b>	<b>LAYING OF PIPELINE IN O.H. AT UNIT II</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>	<b>XX</b>

Sign & Seal of Contractor



An ISO: 9001  
Organization

## BHARAT HEAVY ELECTRICALS LIMITED

High Pressure Boiler Plant, Tiruchirappalli- 620014

Maintenance & Services Dept. (FB)

☎: (0431) 257-5958 Fax: (0431) 257-6805

[e-mail: avinashsahoo@bhel.in](mailto:avinashsahoo@bhel.in)

10	LAYING OF 12 " PIPELINE	50.00	M		-NA-
20	LAYING OF 8 " PIPELINE	100.00	M		-NA-
30	LAYING OF 4 " PIPELINE	180.00	M		-NA-
40	LAYING OF 3 " PIPELINE	120.00	M		-NA-
50	LAYING OF 2 " PIPELINE	150.00	M		-NA-
60	LAYING OF 2 " SOCKET WELD PIPELINE	50.00	M		-NA-
70	LAYING OF 1 " PIPELINE	250.00	M		-NA-
80	DISMANTLING OF PIPELINE IN O.H.4"	120.00	M		-NA-
90	DISMANTLING OF PIPELINE IN O.H 3"	80.00	M		-NA-
TOTAL					-NA-

❖ Taxes if any should be quoted extra.

❖ Value = (Total Qty.) X (Rate per Unit)

❖ **Evaluation Criteria:**

1. **Split of work** shall be done as per work in “Unit-I : Unit-II”.
2. Work of Unit-II **shall be awarded to L2 vendor** if he agrees to **match the price** of item no.10/20 to 90/20 **with L1 rates** of 10/10, 20/10, 40/10, 50/10, 60/10, 70/10, 100/10, 170/10, 180/10 respectively.
3. If L2 vendor **does not agree** for the same rates, then chance shall be given to L3 vendor & so on.
4. The above process shall continue till **H2 vendor**. **H1 vendor shall NOT** be given chance for counter-offering.
5. In the case of **NO vendor ready** to match the L1 rate, the **work of Unit-II shall be awarded** to the L1 vendor.

**AWARD OF CONTRACT & PAYMENT TERMS:**

1. Payment terms: Payment will be made after completion of work on pro rata basis on submission of invoice in triplicate duly certified by Engineer in Charge.
2. Tax deduction will be made from every bill at the prevailing rate as per the Government rules & regulation from time to time.
3. Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender.

\*\*\*\*\*

Sign & Seal of Contractor

## Certificate by Chartered Accountant on Letter Head

This is to certify that M/s. \_\_\_\_\_ (hereinafter referred to as 'company') having its registered office at \_\_\_\_\_ is registered under MSMED Act 2006, (Entrepreneur Memorandum No (Part II)) \_\_\_\_\_ dt. \_\_\_\_\_, Category: (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the latest audited financial year \_\_\_\_\_ as per MSMED Act 2006 is as follows:

**1. For Manufacturing Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No. S.O.1722(E) dated October 5, 2006):

₹ \_\_\_\_\_ Lacs

**2. For Service Enterprises:** Investment in equipment (original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act 2006):

₹ \_\_\_\_\_ Lacs

**(Strike off whichever is not applicable)**

The above investment of ₹ \_\_\_\_\_ Lacs is within permissible limit of ₹ \_\_\_\_\_ Lacs for \_\_\_\_\_ Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Or

The company has been graduated from its original category (Micro/Small) (Strike off which is not applicable) and the date of graduation of such enterprise from its original category is ..... (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O. No. 3322(E) dated 01.11.2013 published in the gazette notification dated 04.11.2013 by Ministry of MSME.

Date: (Signature)

Name:

Membership number:

Seal of Chartered Accountant