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Organization

**BHARAT HEAVY ELECTRICALS LIMITED**

High Pressure Boiler Plant, Tiruchirappalli- 620014

**Maintenance & Services Dept. (FB)**

Phone: (0431) 257-5010

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

**Enq. No: 9242000008**

**01.02.2020**

**NOTICE INVITING TENDER**

Dear Sir/ Madam,

Subject: Two Part Tender Inviting Techno-commercial and Price Bids for "**Laying of Pipeline in overhead at Unit I and Unit II**". Please submit your competitive offer for the above subject work as per the conditions given in the WORK/ RATE SCHEDULE and tender conditions enclosed along with the tender.

01.	Name of work	<b>Laying of Pipeline in overhead at Unit I and Unit II</b>
02.	Earnest Money Deposit (EMD)	<b>₹ 10488.45/-</b>
03.	Duration of the contract	1 year (From the date of commencement of the work)
04.	Enquiry No. & Date	<b>9242000008, dt.01.02.2020</b>
05.	<b>Last Date for Receipt of Tender</b>	<b>14.00 Hrs. on 10.02.2020</b>
06.	Date of Technical Bid Opening	14.30 Hrs. on <b>10.02.2020</b>
07.	Date of Price Bid Opening	Will be intimated to those who are Qualified separately.
08.	Guarantee Period	Not applicable

1. 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.
2. Tender document contains **18 Pages** (Technical & Commercial Bid – 12pages, Schedule for Price Bid 03 page, Sample format for CA certificate – 01 page).
3. The duly filled Tender should be addressed to:

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

**Special Instructions:**

Tender of the following work should be submitted in a sealed cover super- scribing the NAME OF WORK, ENQUIRY NUMBER, etc., consisting of **three inner sealed covers** super-scribed such as **1) EMD cover, 2) Technical bid cover & 3) Price bid cover**.

- 1) EMD cover shall contain EMD of **₹10488.45/-** Mode of Payment of EMD: (a) e-Collect mode (as directed in Commercial T & C) or (b) Banker's cheque/ Pay Order/ DD in favour of BHEL or (c) Fixed Deposit Receipt (FDR) issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies act (FDR should be in the name of the Contractor, a/c BHEL). EMD shall not carry any interest.
- 2) Bidders registered as **MSE (UAN) / NSIC / SSI** are exempted from paying EMD subject to submission of valid Registration document along with Tender. These bidders can avail EMD Waiver benefits only if they submit in EMD cover along with the offer, attested copies of either valid **EM-II** Certificate (five years from the date of issue of acknowledgement in EM-II or else, with attested copy of a CA Certificate in Enclosed Format) or **MSE (UAN- along with CA certificate** in attached format)/ valid **NSIC / SSI** certificate.
- 3) **Tenders without EMD/ MSE/ NSIC/ SSI/ EM-II proof as above will be summarily rejected and the Technical**



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**bid & Price bid shall not be considered for further evaluation.**

- 4) 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.
- 5) One set of unpriced bid of Contract Work Schedule **duly filled & signed** by the tenderer for accepting the work content (Bill of Quantity- BoQ), should be submitted along with the Technical bid for technical evaluation. All the corrections / cancellations / insertions, if any, shall be duly attested by the Bidders concerned.
- 6) Should a tenderer find discrepancies or omissions in the tender documents, or should there be any doubt as to their meaning, he should at once address the authority inviting the tender, for clarification well before the due date, so as to submit his tender in time. No extension of time shall be given for submission of the tender on any account.
- 7) All entries in the tender documents should be in one ink. Erasures, and overwriting are not permitted. All cancellations, and insertions should be duly attested by the tenderers concerned.
- 8) Offer should be **valid** for a period of **120 (One Hundred & Twenty) days** from Techno-commercial bid opening date.
- 9) The Bidder shall sign each and every page of tender documents, and affix seal for having accepted the conditions.
- 10) Tender can be cancelled at any stage due to unavoidable circumstances.
- 11) **Forfeiture of EMD:** EMD paid by the Tenderer will be forfeited as per Tender Documents if:
  - I. After opening the tender and within the offer validity period, the tenderer revokes his tender or makes any modification in his tender which is not acceptable to BHEL.
  - II. The Contractor fails to deposit the required Security deposit or commence the work within 15 days of LOI/ WO/ Contract.
- 12) I. EMD given by all unsuccessful tenderers shall be refunded after award of work/ after offer validity period.  
II. EMD shall not carry any interest.  
III. EMD of successful tenderer will be retained as part of Security Deposit.
- 13) The price bid cover shall contain price bid document in prescribed format **duly filled & signed by the tenderer** in all the pages. Care should be taken to fill the price bid without any overwriting & correction. Correction, if any, shall be duly attested by the Bidders concerned.
- 14) Clarification if any can be obtained from the Deputy Manager/ Contracts/ M&S, BHEL, Trichy.
- 15) The complete Technical bid and price bid along with requisite **EMD of ₹ 10488.45/-** shall reach the office of the undersigned on or before **10.02.2020** at 14.00 Hrs.
- 16) 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 due date of receipt of offers and opening of the tender shall automatically fall on the same timing of the next working day unless intimated otherwise. 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.

Encl:

- 1) NIT – Notice Inviting tender (Consists of Preamble, Technical Bid & Price bid Schedule)
- 2) CA certificate – Sample Format



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### PRE-QUALIFICATION CRITERIA

**NAME OF WORK: Laying of Pipeline in overhead at Unit I and Unit II**

**Ref: Enquiry no: 9242000008: dt. 01.02.2020; Due DT: 10.02.2020, 14.00 Hrs**

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

Sl. No	Description	Vendor to confirm
1	<p>The bidder should have previous experience in the field work mentioned below:</p> <p>Work Experience in Erection/Laying of Pipelines in any Engineering industry - For proof of experience-Work order copy in the field of Erection/Laying of Pipelines from atleast one Central/State govt./PSU company/Private organization in past 7 years from the date of tender opening.</p> <p>Experience certificate from private organization to be supported by TDS(Tax Deduction at source) certificate issued by the organisation OR Form 26 AS OR bank statement as a proof of payment.</p>	
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	<p>(i) BHEL Vendor code (if applicable) -</p> <p>(ii) PAN Number (Copy to be Enclosed) –</p> <p>(iii) GST registration Number (Copy to be Enclosed) –</p> <p>(iv) Mobile number (Which is linked to GST registration Number) –</p> <p>(v) Email id (Which is linked to GST registration Number) –</p> <p>(vi) SAC Code -</p> <p>Offer will be entertained only if the bidder submit the details as above &amp; 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.</p>	
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.	

### SCOPE OF WORK

**NAME OF WORK: Laying of Pipeline in overhead at Unit I and Unit II**

**Ref: Enquiry no: 9242000008: dt. 01.02.2020; Due DT: 10.02.2020, 14.00 Hrs**

Sl.No	SCOPE OF WORK	Qty
<b>10</b>	<b>LAYING OF PIPELINE IN O.H. at UNIT I</b>	
10/10.	LAYING OF PIPELINE IN O.H.12"	75 M
	<b>NOTE FOR SL NO 10 TO 60 AND 90 TO 110:</b> All the pipelines are to be tested pneumatically to a pressure of 5 Kg/cm2.	
20/10	LAYING OF PIPELINE IN O.H.8" .	80 M
30/10	LAYING OF PIPELINE IN O.H.6" .	100 M
40/10	LAYING OF PIPELINE IN O.H.4"	80 M
50/10	LAYING OF PIPELINE IN O.H.3"	350 M
60/10	LAYING OF PIPELINE IN O.H.2"	80 M
70/10	LAYING OF PIPELINE IN O.H.2" SOCKET WELD	80 M
	<b>Note:</b> The newly laid pipeline is to be tested pneumatically/hydraulically to a pressure of 15 Kg/cm2.	
80/10	LAYING OF PIPELINE IN O.H.2" (LPG)	100 M
	<b>LAYING OF 2" PIPELINE IN O.H. FOR LPG APPLICATION.</b> <b>Note:</b> i)The root run for the LPG line shall be TIG welding only for which the welding consumables will be given by BHEL. ii)For LPG application pipeline, the newly laid line is to be pneumatically/hydraulically tested to a pressure of 15 Kg/cm2.	
90/10	LAYING OF PIPELINE IN O.H.1.5" .	50 M
100/10	LAYING OF PIPELINE IN O.H.1"	50 M
110/10.	LAYING OF PIPELINE IN O.H.10"	50 M
	<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 inch and 1 inch 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. <b>Note:</b> 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.	

	<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.</p> <p>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>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>	
120/10	DISMANTLING OF PIPELINE IN O.H.12" .	50 M
130/10	DISMANTLING OF PIPELINE IN O.H.10" .	50 M
140/10	DISMANTLING OF PIPELINE IN O.H.8" .	50 M
150/10	DISMANTLING OF PIPELINE IN O.H.6" .	100 M
160/10	DISMANTLING OF PIPELINE IN O.H.5" .	40 M
170/10	DISMANTLING OF PIPELINE IN O.H.4" .	50 M
180/10	DISMANTLING OF PIPELINE IN O.H 3" .	100 M
	<p><b>Common Note for item nos. 120 to 180:</b></p> <p><b>SCOPE OF WORK:</b></p> <p>1) The dia 12 inch,10 inch,8 inch ,6 inch,5 inch,4 inch and 3 inch over head 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>i) 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> <p>3)All the dismantled pipelines and fittings are to be shifted to disposal store/gas plant area.</p> <p>4)The area around the working spot and ground floor are to be cleaned before commencement of work and after completion of work.</p> <p>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.</p>	
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***COMMON NOTE FOR ITEMS 10 TO 180:***

- 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 to 180), cumulative L1 offer will be considered.

**Scope of BHEL:**

- 1)All the required pipe material, plate material, structural material, isolation valves 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 inch, 3 inch, 2 inch, 2 inch socket, 1.5 inch and 1 inch 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 misc 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.

SI.No	SCOPE OF WORK	Qty
<b>20</b>	<b>LAYING OF PIPELINE IN O.H. at UNIT II</b>	
10/20.	LAYING OF 8 " PIPELINE	40 M
	<p><b><u>Common Note for service No : 10 TO 70</u></b></p> <p><b>SCOPE OF WORK:</b></p> <p>1. The dia 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.</p> <p>The above works are to be carried out in HPBP- UNIT II / LPG YARD.</p> <p><b>Note:</b>The length of the required pipeline will be informed to suit the site requirement.</p> <p>2. Dummy flanges are to be prepared and provided for unused gas or air line tappings.</p> <p>3. Support structure as required to lay the pipeline in Over head has to be fabricated and provided.</p> <p>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.</p> <p>5. Socket and "T" welded joints to be provided for oxygen line where required.</p> <p>6. Clamping has to be provided for pipe lines where ever required as per BHEL supervisor's instruction.</p> <p>7. Required isolation valves and tapping components are to be provided for respective gas lines.The lines has to be leak tested with soap water after installation.</p> <p>8. The isolation valves will have flanged ends and threaded ends.</p> <p>For flanged end valves, required matching flanges are to be made by the contractor.The falnge holes are to be made by drilling by the contarctor 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. 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.</p> <p>9. The newly laid pipelines has to be hydrotested 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.</p> <p>10. All the newly laid pipelines are to be painted with one coat of redoxide primer and two coats of enamel paint of respective colour for different gas lines which will be informed by BHEL supervisor.</p> <p>Colour code and arrow mark for individual erected gas lines to be painted once in 50 metres as per BHEL supervisor's instruction.</p> <p>11. Internal distribution pipeline from the main header to individual application utilities should also be provided as per BHEL supervisor's instruction</p> <p>12. Skilled fitters , welders and skilled man power has to be deployed to execute the work.</p>	

20/20	LAYING OF 4 " PIPELINE	70 M
30/20	LAYING OF 3 " PIPELINE	40 M
40/20	LAYING OF 2 " PIPELINE	120 M
50/20	LAYING OF 2 " SOCKET WELD PIPELINE	50 M
	<b>Note:</b> The newly laid pipeline is to be tested pneumatically/hydraulically to a pressure of 15 Kg/cm2.	
60/20	LAYING OF 1" PIPELINE	180 M
70/20	LAYING OF PIPELINE IN O.H.2" (LPG)	100 M
	LAYING OF 2" PIPELINE IN O.H. FOR LPG APPLICATION. <b>Note:</b> i)The root run for the LPG line shall be TIG welding only for which the welding consumables will be given by BHEL. ii)For LPG application pipeline, the newly laid line is to be pneumatically/hydraulically tested to a pressure of 15 Kg/cm2.	
80/20	DISMANTLING OF PIPELINE IN O.H.4"	50 M
	<p><b>Common Note for service No. 80 to 90:</b></p> <p><b>SCOPE OF WORK:</b></p> <p>1)The dia 4 inch and 3 inch over head 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 and LPG YARD.</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> <p>3)All the dismantled pipelines and fittings are to be shifted to disposal store/ Compressor area.</p> <p>4)The area around the working spot and ground floor are to be cleaned before commencement of work and after completion of work.</p> <p><b>COMMON NOTE FOR ITEMS 10 TO 90:</b></p> <p>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.</p> <p>2). Sufficient man power should be deployed to execute the work at the minimum possible time.</p> <p>3). Work permit is to be obtained by the contractor before commencement of work as per BHEL safety rules.</p>	

	<p>4) Since all the works are inter-related (item 10 to 90), cumulative L1 offer will be considered.</p> <p><b><u>Scope of BHEL:</u></b></p> <p>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.</p> <p>2)All the consumables such as welding electrodes, oxy-acetylene gas, paints, teflon tape, gasket, kerosene, fasteners, water, compressed air, hydro test pump, electricity will be supplied by BHEL at „free of cost.</p> <p>3) Drilling machine for flange preparation work and pipe thread preparation work provided by BHEL at free of cost.</p> <p><b><u>Scope of Contractor:</u></b></p> <p>1) All the required tools and lifting tackles for to carry out the work will be in contractor's scope.</p> <p>2) Three phase welding machine with cables, cutogen with flexible hoses and regulator will be in contractor's scope.</p> <p>3) The contractor should prepare flanges at the required location to execute the work.</p> <p>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 misc materials for Scaffolding purpose are also under scope of contractor.</p> <p>5) Elbows and Bends has to be fabricated by the contractor for 8 inch lines.</p>	
90/20	DISMANTLING OF PIPELINE IN O.H 3"	50 M

**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) Before quoting the bidders may inspect the site of work and its environments and be well acquainted with the actual working and other relevant conditions, position of materials and labour. Tenderers are also requested to go through General -Terms & conditions, Special -Terms & conditions of Contract, Scope of work, Technical Terms & Conditions, drawings and specifications and all other documents which form part of the agreement to be entered into.

**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 DEPUTY MANAGER**  
**MAINTENANCE & SERVICES / CONTRACTS, 2&4 BUILDING,**  
**BHARAT HEAVY ELECTRICALS LIMITED, HPBP, TIRUCHIRAPALLI**  
**TAMIL NADU, INDIA - 620 014.**

h) All entries in Tender documents shall be clearly written in one ink or typed. 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 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

**Sign & Seal of Contractor**

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 Indigenous supplier will be entertained only if the vendor has a valid GST registration No (GSTIN) which should be clearly mentioned in the offer. If the dealer is exempted from GST registration, a declaration with due supporting documents need to be furnished for considering the offer. Dealers under composition scheme should declare that he is a composition dealer supported by the screen shot taken from GST portal. The dealer has to submit necessary documents if there is any change in status under GST.

b) Supplier shall mention their GSTIN in all their invoices (incl. credit Notes, Debit Notes) 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), Billed to party (with GSTIN) & Shipped to party details, item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, Place of Supply etc.

c) All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).

d) Invoices will be processed only upon completion of statutory requirement and further subject to following:

(i) Vendor declaring such invoice in Form GST ANX-1

(ii) Receipt of Goods or Services and Tax invoice by BHEL

e) As the continuous uploading of tax invoices in GSTN portal (in GST ANX-1) is available for all (i.e. both Small & Large) tax payers under proposed new GST Return System, all invoices raised on BHEL may be uploaded immediately in GST portal on despatch of material /rendering of services. The supplier shall ensure availability of Invoice in GST portal before submission of invoice to BHEL. Invoices will be admitted by BHEL only if the invoices are available in GSTN portal (in BHEL's GST ANX-2).

f) In case of discrepancy in the data uploaded by the supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims, within the calendar month informed by BHEL.

g) In cases where invoice details have been uploaded by the vendor but failed to remit the GST amount to GST Department (Form PMT-08 or Form GST RET-01 to be submitted) within stipulated time, then GST paid on the invoices pertaining to the month for which GST return not filed by the vendor will be recovered from the vendor along with the applicable interest (currently 24% p.a) and all subsequent bills of the vendor will not be processed till filing of the GST return by the vendor

h) In case GST credit is denied to BHEL due to non-receipt or delayed receipt of goods and/ or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount claimed in the invoice shall be disallowed to the vendor.

i) Where any GST liability arising on BHEL under Reverse Charge (RCM), the vendor has to submit the invoices to BHEL well within the timeline prescribed in GST Law, to enable BHEL to discharge the GST liability. If there is a delay in submission of invoice by the vendor resulting in delayed payment of GST by BHEL along with Interest, then such Interest payable or paid shall be recovered from the vendor.

j) Under GST regime, BHEL has to discharge GST liability on LD recovered from suppliers/contracts. Hence applicable GST shall also be recoverable from suppliers/contractors on LD amount. For this Tax Invoice will be issued by BHEL indicating the respective supply invoice number.

k) GST TDS will be deducted as per Section 51 of CGST Act 2017 and in line with Notification 50/2018 – Central

Tax dated 13.09.2018. GST TDS certificate which will be generated in GST portal subsequent to vendor accepting the TDS deduction in the GST portal, will be issued to the vendor.

**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 thereof subject to a max. of 10% of the total contract value.

**8. Successful bidders have to submit filled forms forwarded by BHEL HR, i.e. Form-III & Form-VII (shall be given with WO copy) & submit to ALC, Pondicherry for License before commencement of work.**

**9. 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.

**10. 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'.

**11. 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.

**13. 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> & shall immediately bring to notice of BHEL management about any fraud/ suspected fraud as soon as it comes to their notice.

**14. PF,ESI:**

The workmen of contractor should be covered under PF, ESI

**15. DAMAGE & LOSS TO PRIVATE PROPERTY & INJURY TO WORKMEN**

The Contractor shall at his own expense reinstate and make good to the satisfaction of the respective area HOD and pay compensation for any injury, loss or damage occurred to any property or rights whatever including property and rights of BHEL (or agents) servants or employee of BHEL, the injury loss or damage arising out of or in any way in connection with the execution or purported execution of the contract and further the contractor shall indemnify BHEL against all claims enforceable against BHEL (or any agent, servant or employee of BHEL) or which would be so enforceable against BHEL, in respect of any such injury (including injury resulting in death) loss or damage to any person whomsoever or property including all claims which may arise under the Employees Compensation Act or otherwise.

"BHEL shall recover the amount of compensation paid to victim(s) by BHEL towards loss of life / permanent disability due to an accident which is attributable to the negligence of contractor, agency or firm or any of its employees as detailed below.

- a) Victim: Any person who suffers permanent disablement or dies in an accident as defined below.
- b) Accident: Any death or permanent disability resulting solely and directly from any unintended and unforeseen injurious occurrence caused during the manufacturing/operation and works incidental thereto at BHEL

factories/offices and precincts thereof, project execution, erection and commissioning, services, repairs and maintenance, trouble shooting, serving, overhaul, renovation and retrofitting, trial operation, performance guarantee testing undertaken by the company or during any works/during working at BHEL Units/Officers/townships and premises/Project sites

c) Compensation in respect of each of the victims:

- (i) In the event of death or permanent disability resulting from Loss of both limbs: Rs 10,00,000/- (Rs Ten lakh)
- (ii) In the event of others permanent disability: Rs.7,00,000/- (Rs. Seven Lakh)

d) Permanent Disablement: A disablement that is classified as a permanent total disablement under the proviso to section 2 (I) of the Employee's Compensation Act,1923"

**16.ARBITRATION: -**

a).All disputes between the parties to the contract, arising out-of or relating to the contract, other than those for which the decision of the EXECUTIVE/BHEL-TRICHY, or Accepting Officer or any other person is by the contract expressed to be final and conclusive shall after written notice by either party to the contract to the other party be referred to the sole Arbitration of GENERAL MANAGER or other Officers of BHEL appointed as Arbitrator, by the GENERAL MANAGER of BHEL in his sole discretion.

b).Unless the parties otherwise agree, such reference shall not take place until after the completion, alleged completion or abandonment of the work of the determination of the contract.

c) The venue of Arbitration shall be such a place or places as may be fixed by the Arbitrator in his sole discretion. The award of the Arbitrator shall be final, conclusive and binding on both parties to the contract.

**17.PAYMENT THROUGH BANK:-**

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

**18.TERMINATION OF CONTRACT ON DEATH OF CONTRACTOR:**

Without prejudice to any of the rights or remedies under this contract, if the Contractor dies, or if the firm is dissolved or the company is liquidated, BHEL shall have the option of terminating the contract without compensation to the Contractor.

**19.SPLITTING OF CONTRACT:**

a)The work shall be divided between commercially lowest offers (L1 and L2) in the ratio of 68.36 : 31.64(Item 10 to L1 & Item 20 to L2 based on acceptance).

b)If L2 vendor does not accept the Counter offered L1 rate, then this will be offered to L3 and so on and so forth.

c)If no other vendors accept the Counter offered L1 rate, then L1 vendor will be given 100 % work.

d)H-1 Bidder will not be considered for Counter offering process.

e)If there is a tie between bidders other than L1, ranking will be decided by draw of lots in the presence of all such bidders.

f)If L1 is MSE bidder, Counteroffering will be decided based on order of ranking otherwise Counteroffering(31.64%) will be to eligible MSE bidders and then to other bidders as per order of ranking.

**20.IMPORTANT NOTE:-**

BHEL reserves the right to short close this work with one-month advance notice due to administrative reasons. BHEL's decision in this regard is final. Under such circumstances payment will be made for on pro rata basis for the service rendered out up to the period.

Sign & Seal of Contractor



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

- 1) 100% payment will be made after completion of work on 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** should be done in the methods given in Spl. Instructions, sl.no.1, page-1 of the NIT.
- 4) Mode of Payment of **Security Deposit**:
  - a) **Bank Guarantee** from Scheduled Banks/ Public Financial Institutions as per Companies Act. Bank Guarantee format should have approval of BHEL or
  - b) **Local Cheques** of Scheduled Banks (subject to realization)/ **Pay Order/ DD/ Electronic Fund Transfer** in favour of BHEL or
  - c) **Fixed Deposit Receipt (FDR)** issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies act (FDR should be in the name of the Contractor, a/c BHEL) or
  - d) **Securities available from Indian Post Offices**, i.e. National Savings Certificates, Kisan Vikas Patras, etc. (held in the name of Contractor furnishing the security & duly endorsed/ pledged, as applicable, in favour of BHEL). While making such payment, Enquiry number should be mentioned in Remark column.
- 5) **Procedure to remit money to BHEL Trichy's Account (e-Collect Mode):**

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

  - a) Accept the terms & conditions, click "PROCEED".
  - b) Select State "TAMILNADU "and Institution type "INDUSTRY ". Select "BHEL TRICHY" under "INDUSTRY".
  - c) In the next page, select APPROPRIATE category, fill details correctly & click "SUBMIT".
  - d) If all details entered are correctly populated, click "CONFIRM "to proceed.
  - e) 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**).
  - f) **SAVE & Keep the copy of receipt for future reference.**
- 6) EMD & SD amount shall not carry any interest.
- 7) 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.
- 8) **SD is 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. GST will be charged on the EMD/SD amount forfeited from the bidder at the applicable rates. GST tax Invoice will be issued to the vendor on receipt/recovery of GST amount from the vendor
- 9) 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/-
- 10) Bonus @ 8.33 % to workmen to be paid.
- 11) **Rate should be quoted as per price bid format.**
- 12) The rate that is offered should be comprehensive and no separate charges will be made towards expenses like travel, boarding & lodging.
- 13) GST not to be included in quoted rate & to mention separately as percentage. Other taxes, if any, are inclusive.
- 14) Tax deduction will be made from every bill at the prevailing rate as per the Government rule and regulation from time to time.
- 15) Evaluation will be on overall L1 for all items as per price bid template. In case of tie in L1, price impact will be obtained. If still tie exist L1 bidder will be chosen by draw of Lot.

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**SCHEDULE FOR PRICE BID**

**NAME OF WORK: Laying of Pipeline in overhead at Unit I and Unit II**

**Ref: Enquiry no: 9242000008: dt. 01.02.2020; Due DT: 10.02.2020, 14.00 Hrs**

SI. No	SCOPE OF WORK	% ALLOCATION	VALUE	
			In Figures	In Words
10 & 20	Laying of Pipeline in overhead at Unit I and Unit II	100%		

SI. No	SCOPE OF WORK	Qty.	UoM	% ALLOCATION
Item 10	<b>LAYING OF PIPELINE IN O.H. at UNIT I</b>			<b>68.36</b>
10/10.	LAYING OF PIPELINE IN O.H.12"	75	M	9.01
20/10	LAYING OF PIPELINE IN O.H.8" .	80	M	6.41
30/10	LAYING OF PIPELINE IN O.H.6" .	100	M	2.01
40/10	LAYING OF PIPELINE IN O.H.4"	80	M	4.81
50/10	LAYING OF PIPELINE IN O.H.3"	350	M	10.51
60/10	LAYING OF PIPELINE IN O.H.2"	80	M	2.64
70/10	LAYING OF PIPELINE IN O.H.2" SOCKET WELD	80	M	2.64
80/10	LAYING OF PIPELINE IN O.H.2" (LPG)	100	M	8.01
90/10	LAYING OF PIPELINE IN O.H.1.5" .	50	M	1.00
100/10	LAYING OF PIPELINE IN O.H.1"	50	M	1.50
110/10.	LAYING OF PIPELINE IN O.H.10"	50	M	4.51
120/10	DISMANTLING OF PIPELINE IN O.H.12" .	50	M	3.00
130/10	DISMANTLING OF PIPELINE IN O.H.10" .	50	M	2.00
140/10	DISMANTLING OF PIPELINE IN O.H.8" .	50	M	1.50
150/10	DISMANTLING OF PIPELINE IN O.H.6" .	100	M	2.01
160/10	DISMANTLING OF PIPELINE IN O.H.5" .	40	M	0.80
170/10	DISMANTLING OF PIPELINE IN O.H.4" .	50	M	2.00
180/10	DISMANTLING OF PIPELINE IN O.H 3" .	100	M	4.00

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SI. No	SCOPE OF WORK	Qty.	UoM	% ALLOCATION
Item 20	<b>LAYING OF PIPELINE IN O.H. at UNIT II</b>			<b>31.64</b>
10/20.	LAYING OF 8 " PIPELINE	40	M	3.20
20/20	LAYING OF 4 " PIPELINE	70	M	4.21
30/20	LAYING OF 3 " PIPELINE	40	M	1.20
40/20	LAYING OF 2 " PIPELINE	120	M	3.96
50/20	LAYING OF 2 " SOCKET WELD PIPELINE	50	M	1.65
60/20	LAYING OF 1" PIPELINE	180	M	5.41
70/20	LAYING OF PIPELINE IN O.H.2" (LPG)	100	M	8.01
80/20	DISMANTLING OF PIPELINE IN O.H.4"	50	M	2.00
90/20	DISMANTLING OF PIPELINE IN O.H 3"	50	M	2.00

- ❖ GST not to be included in the quoted rate & to be mentioned as a percentage separately. Other taxes, if any, are inclusive.
- ❖ L1 offer will be decided based on cumulative L1 value(Main item No.10 & 20 Combined).
- ❖ Refer the Illustration (Annexure –A) for arriving the rates for individual items by BHEL for the total amount quoted by the vendor
- ❖ **SPLITTING OF CONTRACT:**
  - a) The work shall be divided between commercially lowest offers (L1 and L2) in the ratio of 68.36 : 31.64 (Item 10 to L1 & Item 20 to L2 based on acceptance).
  - b) If L2 vendor does not accept the Counter offered L1 rate, then this will be offered to L3 and so on and so forth.
  - c) If no other vendors accept the Counter offered L1 rate, then L1 vendor will be given 100 % work.
  - d) H-1 Bidder will not be considered for Counter offering process.
  - e) If there is a tie between bidders other than L1, ranking will be decided by draw of lots in the presence of all such bidders.
  - f) If L1 is MSE bidder, Counteroffering will be decided based on order of ranking otherwise Counteroffering(31.64%) will be to eligible MSE bidders and then to other bidders as per order of ranking.

**\*\*Detailed scope of work and other terms and conditions are specified in the Technical Bid of the Tender**

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## Annexure – A

### ILLUSTRATION FOR ARRIVING THE RATES FOR INDIVIDUAL ITEMS BY BHEL FOR THE TOTAL AMOUNT QUOTED BY THE VENDOR

The rates for the individual items would be arrived by BHEL as follows

Assuming the lumpsum amount quoted by the vendor is 1,00,000 /- (One Lakh).

Sl.No.	ITEM No.	Quantity	% Allocation
1	10/10	75	9.01
2	20/10	80	6.41
3	30/10	100	2.00
4	40/10	80	4.81
5	50/10	350	10.51
6	60/10	80	2.64
7	70/10	80	2.64
8	80/10	100	8.01

Then, For item no 10,

Amount allocated for item 10/10 would be = 9.01% X1,00,000 (Since % allocation is 9.01 % for this item)  
= Rs.9010/-

Hence the rate for item 10/10 would be = 9010/75=120.13/-

In the same manner the rates for all items would be arrived as follows,

Item 20/10	=	₹80.13/-
Item 30/10	=	₹20/-
Item 40/10	=	₹60.13/-
Item 50/10	=	₹30.03/-
Item 60/10	=	₹33/-
Item 70/10	=	₹33/-
Item 80/10	=	₹80.1/-

The rates will be rounded off to nearest two decimal places only, so as to match the total amount or closest to the total amount, quoted by the vendor. Rates so arrived by BHEL shall be final and binding on the contractor.

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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:

Name:

(Signature)

Membership number:

Seal of Chartered Accountant