



SERVICE  
ENQUIRY  
(IMPORTS)

# BHARAT HEAVY ELECTRICALS LIMITED

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
WORKS CONTRACTS MANAGEMENT DEPT  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

PAGE: 1 /5

Vendor Code : 23505	Enquiry No	Enquiry Date	Due Date for Quotation
Vendor Name : Open Tender Dummy Code	9241500095	11.09.2015	09.10.2015
Please quote Enquiry No, Date and due date in all correspondences. This is only a request for quotation and not an order.			

## LPG PIPELINE MODIFICATION WORK IN CDF-II/BLDG 107-UNIT II/BHEL, TRICHY-14.

ITEM NO	ITEM DESCRIPTION	Quantity	UOM
10	LPG PIPELINE MODIFICATION WORK		
SINo	Description	Quantity	UOM
10	DISMANTLING OF EXISTING LPG PIPELINES.	1.000	AU
<b>SCOPE OF WORK:</b>			
Dismantling of existing LPG pipelines and its all associated manual ball valves, gas solenoid valves, orifice, LPG hoses, fittings & etc in the furnace after proper purging/cleaning of the pipelines with compressed air as per BHEL supervisor's instruction. Contractor should have utmost care while executing the dismantling the LPG pipe & its accessories. Following items has to be dismantled.			
1. 1" Manual Ball valves - 48 No's			
2. 1" Gas solenoid Valves - 48 No's			
3. 1" Orifice meter - 48 No's			
4. 1" LPG Hose (600 mm length) - 48 No's			
5. 1" Pipe line - 100 mtrs			
6. 2" Pipe line - 30 mtrs			
The above dismantled items has to be properly handed over to BHEL Supervisor.			
20	INSTALLATION OF 1" MANUAL BALL VALVES	48.000	NO
30	INSTALLATION OF 1" GAS SOLENOID VALVE	48.000	NO
40	INSTALLATION OF 1" ORFICE METER	48.000	NO
50	INSTALLATION OF LPG HOSE CONNECTS BURNER	48.000	NO
60	INSTALLATION OF 1" FLANGES	500.000	NO
70	INSTALLATION OF 2" PIPELINE	30.000	M
80	INSTALLATION OF 1" LPG PIPELINE.	100.000	M

The offers should reach us before the time of opening of tenders.  
The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present. Late tenders are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

  
**SANJAY MEENA**  
EXECUTIVE Engineer  
Works Contracts Management  
BHEL, TRICHY - 620 014.



# BHARAT HEAVY ELECTRICALS LIMITED

PAGE: 2 /5

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
WORKS CONTRACTS MANAGEMENT DEPT  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

9241500095 / 23505

SINo	Description	Quantity	UOM
------	-------------	----------	-----

SCOPE OF WORK FOR SERVICE ITEM 20 TO 80:

1.Fabrication and installation of 8 sets of LPG pipelines fitted with accessories. One set consist of 2 " header of length 3 m from which 6 no's of 1" LPG line fitted with all accessories such as manual ball valves, gas solenoid valves, orifice ,LPG hoses and fittings has to be connected to the burners.

2.Furnace LPG Pipeline modification work consists of

- a)Installation of 1 " Manual ball valves = 48 No's
- b)Installation of 1 " Gas solenoid valves = 48 No's
- c)Installation of 1 " orifice meter = 48 No's
- d)Installation of LPG Hoses connecting the burner = 48 No's
- e)No.of flanges to be welded with the pipeline = 500 No's
- f)Total length of 2" Pipeline to be installed = 30 mt
- g)Total length of 1" Pipeline to be installed = 100 mt

3.Support structure required for LPG pipeline has to be fabricated and provided as per BHEL Supervisor's instruction.

4.All flange joints to be checked and corrected for parallelity & alignment and gasket has to be provided.

5.All the flange joints has to connected with earth flat for earthing purpose.

The offers should reach us before the time of opening of tenders.  
The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present. Late tenders are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

  
**SANJAY MEENA**  
Engineer  
Works Contracts Management  
BHEL, TRICHY - 620 014.



# BHARAT HEAVY ELECTRICALS LIMITED

PAGE: 3 /5

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
WORKS CONTRACTS MANAGEMENT DEPT  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

9241500095 / 23505

SINo	Description	Quantity	UOM
------	-------------	----------	-----

6.Clamping has to be provided for LPG pipe lines wherever required as per BHEL supervisor's instruction.

7.The fabricated header pipeline has to be hydrotested to a pressure of 3 kg/cm<sup>2</sup> and the distributed 1 " LPG pipeline has to be leak tested with compressed air to a pressure of 3 Kg/Sq.cm upto manual valve and to pressure of 500 mm of water column from manual valve to LPG hose. If leak is observed while testing, leakage areas to be repaired and retested.

8.Newly modified LPG pipe lines are to be painted with one coat of redoxide primer and two coats of yellow enamel paint.

9.All the root welding has to be TIG welding and further passes in the joints has to be manual arc welding.

10.Skilled fitters, welders and skilled man power has to be deployed to execute the work.

11.All the above work has to be carried out as per BHEL supervisor's instruction.

**CONTRACTOR SCOPE OF SUPPLY:**

1.Movement of materials from Unit II Pipe yards/Compressor house will be under contractor scope.

2.The Contractor should bring their own tools and lifting tackles including welding machine with electrode holder, TIG welding set with accessories, electrical cables, oxy-acetylene/LPG regulators with

The offers should reach us before the time of opening of tenders.  
The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present. Late tenders are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

11.09.15  
**SANY MEENA**  
EXCISE & TAX  
Engineer  
Works Contracts Management  
BHEL, TRICHY - 620 014.



# BHARAT HEAVY ELECTRICALS LIMITED

PAGE: 4 /5

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
WORKS CONTRACTS MANAGEMENT DEPT  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

9241500095 / 23505

SINo	Description	Quantity	UOM
------	-------------	----------	-----

hoses, paint brush and clamps

3.Scaffolding/ladders wherever required to aid the installation of pipe lines & its associated items is to be fabricated by the contractor and materials required for scaffolding & ladder will supplied by BHEL.

### BHEL SCOPE OF SUPPLY:

1.All the required raw materials such as pipe materials, plate material, structural materials such as channels and angles for fabricating scaffolding / ladders to aid installation of valves, Pipelines and other accessories in the furnace will be supplied by BHEL at free of cost.

2.Isolation valves, Gas solenoid valves, Orifice, Pipe fittings, Flanges and LPG hoses for the LPG pipe line modification work will be supplied by BHEL at free of cost.

3.All the consumables such as oxy-acetylene gas, LPG, Argon, gaskets, emery sheets, thinner, earth flats, kerosene, fasteners, Welding consumables like welding electrodes, water, electricity, Red oxide & Paints will be supplied by BHEL free of cost.

4.If required, EOT crane available inside the shop floor will be provided for the pipeline installation work by BHEL at free of cost.

5.BHEL will provide hydrotest pump for carrying out the hydrotest.

### General Note :

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

The offers should reach us before the time of opening of tenders.  
The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present. Late tenders are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

11-02-15  
**SANY MEENA**  
EXECUTIVE / WCM  
Engineer  
Works Contracts Management  
BHEL, TRICHY - 620 014.



# BHARAT HEAVY ELECTRICALS LIMITED

PAGE: 5 /5

( A Government of India Undertaking )  
HIGH PRESSURE BOILER PLANT  
WORKS CONTRACTS MANAGEMENT DEPT  
THIRUCHIRAPALLI - 620014  
TAMILNADU (INDIA)

9241500095 / 23505

suspected fraud as soon as it comes to their notice.

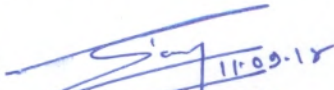
**Enclosures :**

- Annexure-1 Part-1 Technical cum Qualification Bid.
- Annexure-2 Declaration regarding Service Tax Exemption.
- Annexure-3 General Instruction to Tenderer.
- Annexure-4 Price Bid Format.

"LD clause has to be confirmed without fail."

The offers should reach us before the time of opening of tenders.  
The offers will be opened at 14:30 hours on the due date in the presence of the tenderers who may like to be present. Late tenders are liable to be rejected.

Yours faithfully,  
For BHARAT HEAVY ELECTRICALS LIMITED

  
11.09.18  
**SANJAY MEENA**  
WCM  
Engineer

Works Contracts Management  
BHEL, TRICHY - 620 014.

**PART-I****TECHNICAL CUM QUALIFICATION BID****NOTICE INVITING TENDER**

1.	Name of work	LPG PIPELINE MODIFICATION WORK.
2.	Location of work	CDF-II/Bldg.-107/Unit-II/M&S/HPBP/BHEL, Trichy
3.	Earnest Money Deposit	₹ 10,000/-
4.	Scope of Work	As Per Enq. No.- 9241500095 (Enclosed)
4.	Last Date for Receipt of Tenders	09-10-2015/ 14:30 Hrs
5.	Date of Technical cum Qualification Bid Opening	09-10-2015/ 14:35 Hrs
6.	Date of Price Bid Opening	Will be intimated separately to those who are technically qualified.
7.	Duration of work after releasing work order	Six Months from the date of award of contract.

<b>COMPANY/CONTRACTOR PROFILE</b> <b>(In case of vendor not registered in BHEL, Trichy-14)</b>		Dt:
NAME OF THE COMPANY/FIRM/CONTRACTOR		
ADDRESS OF THE COMPANY/FIRM/ CONTRACTOR		
PINCODE		
STATE		
PHONE NUMBER		
MOBILE NUMBER		
FAX NUMBER		
E-Mail ID		
PAN NUMBER <i>(Copy to be enclosed)</i>		
TIN <i>(Copy to be enclosed)</i>		
CST NUMBER <i>(Copy to be enclosed)</i>		
SERVICE TAX REGISTRATION NO. <i>(Copy to be enclosed)</i>		
Type Of Company/Firm Individual/Private/Partnership/ Public/Ltd company/others (If Others Pls Specify) <i>(in case of Partnership, deed copy should be submitted)</i>		
Registration No. and date of Company/Firm <i>(Copy should be enclosed)</i>		
E.S.I. Registration No. <i>(Scanned copy to be enclosed)</i>		
Details of authorised signatory (Name, Designation Etc.)		
Whether Registered In <b>MSME/NSIC/SSI</b> <i>(If yes Please Give details Relevant copy to be enclosed)</i>		
Products/Services dealing with <b>(NATURE OF ACTIVITY)</b>		
Additional details (if any)		

Signature and Seal

**ELIGIBILITY CRITERIA FOR TECHNICAL QUALIFICATION**

<b>ELIGIBILITY / SELECTION CRITERIA</b>		
<b>Sl. No.</b>	<b>Description</b>	<b>Vendor to specify details</b>
1	The vendor should submit following details which are necessary for qualifying their offer.	
1.1	Only those vendors, who have <b>two year's experience in related gas pipeline field</b> , are eligible to participate in the tender.	
1.2	Name and postal address of the customer or company where similar pipeline modification work has been done.	
1.3	Name and designation of the contact person of the customer with Phone, FAX no and email id.	
1.4	The Contractor may visit to the BHEL Premises before quoting to access the quantum of work.	
1.5	100% payment will be made after completion of work on acceptance of BHEL Engineer.	
1.6	Applicable Taxes, if any should be mentioned separately.	
1.7	A copy of Service tax registration Certificate shall be submitted along with the offer (If Applicable).	
1.8	If the Contractor is not registered for service tax then a declaration shall be submitted along with offer that they are within the threshold limit. <b>(Format Attached Annexure - 2)</b>	
1.9	LD: If the contractor fails to complete the service / work as per terms & conditions of the order within the delivery schedule, 0.5% of the order value will be deducted for each week of delay or part thereof subject to a maximum of 10% of the total contract value.	
1.10	Period of contract is <b>six months</b> from the date of issue of work order. However this contract may be short closed due to unavoidable circumstance.	

1.11	The Contractor should quote separate rates for each item as per attached rate schedule (Price Bid PART-II, Annexure - 4). The L1 offer will be decided based on the <b>cumulative L1</b> value of all the items and order will be placed on single contractor.	
------	--	--

## 2. EARNEST MONEY DEPOSIT (EMD)

<b>DD / BC Towards EMD of ₹ 10,000/- (₹ Ten thousand only)</b>		
Sl. No.	Description	Details to be filled by the Bidder
1	DD/ BC Number & Date	
2	Name of the Bank & Branch	

**Note:** EMD will be waived off for MSME/NSIC/SSI vendors upon verification. Copy of valid certificate to be enclosed.

**3. PAN CARD:** Copy of pan card to be enclosed.

**NOTE:** 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.

(Company letter head)

**Declaration Regarding Service Tax Exemption**

**Date:**

**Ref:**

Enquiry No. and date :-

**To,**

**(Contract awarding dept.)**

**BHEL,**

**Trichy - 14**

Madam/Sir,

Our aggregate value of Taxable Service is not exceeding **Ten lakh Rupees** in any financial year. So Service Tax is exempt as per Service tax notification **33 / 2012 dated 20<sup>th</sup> June 2012**. In case our taxable service value exceeds **Rs.10 Lakh** at any point of time, we will register with Service tax authorities and submit the Service Tax Registration copy **(ST-2)**. While claiming Service tax amount in the invoice, we will provide the **Challan copy** for proof of Service Tax payment.

Thank You.

**Yours faithfully,**

**For \_\_\_\_\_ Limited**

**(Name and Designation with Seal)**

**GENERAL INSTRUCTIONS TO TENDERER:**

**A. SUBMISSION OF OFFER:**

1. The Bidders shall submit the offer in TWO PART BID SYSTEM (Part -I & II) as indicated below which shall be sealed in ONE OUTER ENVELOPE.
2. **Envelope I-** This sealed envelope should contain accepting all the above technical points 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 and also it should contain copy of service Tax Registration certificate (if applicable) or declaration regarding service tax exemption (Annexure-2).
3. **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.

**NOTE:** Rate should be quoted in lump sum/unit rate or as per rate schedule (Price Bid Part-II, Annexure - 4).

4. **Both the envelopes (Part I & II)** 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.
5. The above offer should reach this office on or before the due date by 14.30 Hrs (IST). Late offers will not be considered.
6. Tender should not be addressed to any Individual's name, but only by designation to:

**THE Dy. GENERAL MANAGER  
WORKS CONTRACTS MANAGEMENT,  
53 BUILDING,  
BHARAT HEAVY ELECTRICALS LIMITED,  
HIGH PRESSURE BOILER PLANT,  
TIRUCHIRAPALLI - 620 014.  
TAMIL NADU, INDIA.**

7. Tenders should be free from CORRECTION AND ERASERS, Corrections if any, must be attested. All amounts shall be indicated both in words as well as in figures.
8. Offers should be in ENGLISH and accompanied by detailed Point to point confirmation of the scope of work.

**OPENING OF TENDERS**

9. The Part I - Technical & unpriced commercial bid alone would be opened on the Tender opening date by 14.35 Hrs (IST).
10. 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.

11. Clarifications if any required by BHEL for Technical evaluation would be sought from Bidders before opening of Part II - price bid.
  12. **Earnest Money deposit** is to be paid by the vendor along with offer. EMD is to be remitted in demand Draft only in favour of *M/s BHEL, Trichy-14*. EMD shall not carry any interest. EMD shall be enclosed along with the Part-I -Technical offer. *The offer without EMD will not be considered for evaluation.*
  13. Bidders who have already deposited One Time EMD of ₹ 2.00 lakhs with BHEL are exempted from submission of EMD for this tender. However a copy of 'One Time EMD' at BHEL Trichy submitted shall be enclosed along with the Offer. *EMD will be waived off for MSME/NSIC/SSI vendors upon verification. Copy of Certificate to be enclosed.*
- NOTE:** EMD given by unsuccessful tenderers shall be refunded normally within fifteen days of acceptance of award of work by the successful tenderer.
14. **Security Deposit** shall be furnished by the successful vendor to the total contract value before starting the work. The rate of Security Deposit will be 10% of the contract value up to 10 Lakhs. Above Rs. 10 lakhs up to Rs.50 lakhs will be Rs. 1 lakh + 7.5% of the contract amount exceeding Rs. 10 lakhs and Above Rs. 50 lakhs will be Rs. 4 lakh + 5% of the contract amount exceeding Rs. 50 lakhs.
  15. EMD of the successful vendor can be converted and adjusted against the security deposit.
  16. The Security Deposit shall not carry any interest.
  17. **RETURN OF SECURITY DEPOSIT:** If the contractor fully performs and completes the works in all respect to the entire satisfaction of BHEL and have rendered a "NO DEMAND CERTIFICATE", Security Deposit will be released to the contractor after deducting all costs of expenses of other amounts that are to be paid to BHEL.

**B. IMPORTANT NOTE FOR SERVICE TAX:**

1. A copy of Service tax registration Certificate shall be submitted along with the offer.
2. At the time of bill passing, the Contractor Shall submit the copy of the remitted Service tax challan of previous month/Quarter as proof of service tax remitted to tax authorities and also a Certificate Stating that "Service Tax Collected from BHEL has been remitted to tax authorities".
3. If the Contractor is not registered for service tax then a declaration shall be submitted along with offer that they are within the threshold limit (Annexure – 2).

**C. SPECIAL INSTRUCTIONS TO TENDERER:**

1. The contractor should bring contract labour to BHEL premises at his/her own cost, risk and execute the work allotted to him in BHEL premises.
2. The contractor should follow and comply with Minimum wages, ESI, PF, Bonus, Group Insurance and other statutory regulations as stipulated in Factories Act and other applicable State/Central Governments' rules and regulations.

3. An additional payment as per circular Ref. BHE: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 Tamilnadu:
  - i. Unskilled - Rs. 3200/-
  - ii. Semiskilled - Rs. 3700/-
  - iii. Skilled - Rs. 4100/-
4. The workmen of contractor should be covered under PF, ESI.
5. Bonus @ 8.33 % of total wage to be paid to workmen.
6. Attendance register should be maintained by the contractor.
7. All safety equipment's to the workmen, safety rules & regulations are to be followed as per BHEL's Safety Rules and Regulations.
8. BHEL will no way be responsible for any loss of life or any injury caused to any of the contractors or their crew while executing the above work at BHEL premises.
9. The contractor or his/her crew should handle the machinery and other equipment's entrusted to them by BHEL with utmost care and return them safely after execution of stipulated work. The cost of damage, repair due to improper handling of machinery and equipment will be recovered from the contractor.
10. Contractor shall supervise the work carried out by his/her employees.
11. Contractor shall ensure that the employees deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skill, proficiency, qualification, experience etc.
12. Contractor shall maintain appropriate records of his/her employees deployed to carry out the job(s).
13. Contractor will be responsible for the good conduct of his/her employees. In case of any misconduct/misbehaviour by any employee, the contractor will replace such employee(s) immediately.
14. Contractor will ensure that the job is executed through his/her employees on and under no circumstances, the contractor will not deploy any casual employee to carry out the job nor shall subcontract the job without prior written permission.
15. Contractor shall be solely responsible for non-payment, delayed payment of minimum contributions under EPF & MP Act, ESI Act, Bonus, etc.
16. In case, the contractor fails to make payment of wages to his/her employees or remittance of contribution to the concerned authorities, the security deposit, other dues/running bills under the contract can be utilized by BHEL to discharge the liability of the contractor.
17. The liability for any compensation on account of injury sustained by an employee of the contractor will be exclusively that of the contractor.

18. Contractor shall observe provisions of the Factories Act, 1948 in respect of working hours, holidays, rest intervals, leave and overtime to his/her employee. No work shall be done on second/third shift, overtime, Sundays or on other declared holidays without written permission.
19. BHEL may short closed or cancel due to unavoidable circumstance.
20. The contractor should maintain a 'Work Diary containing the details of work executed by him from time to time on Shift/Daily basis and obtain the signature from official concerned nominated for this/her purpose for having executed the work correctly and satisfactorily.
21. The proof of execution of work should be submitted along with each bill (printed form with covering letter and proof for execution of work).
22. The bill should be submitted within a week after execution of work during the calendar month @one bill per month.
23. Necessary gate entry pass will be issued by BHEL Security Department for Contract Workmen based on your application duly forwarded by the Contract Executing Department and approved by HR/Welfare/Contract Cell on fulfilment of the Statutory Obligation by the Contractor.
24. In the event of termination of contract for any reason whatsoever, the contractor shall withdraw all his/her employees from the establishment of BHEL. In case, contractor decides to terminate services of his/her employees, he should settle all terminal dues including retrenchment compensation.
25. BHEL may alter any of the terms & conditions of the contract and any such changes will be intimated to the contractor from time to time.

**D. BIOMETRIC ENTRY/EXIT SYSTEM FOR CONTRACT WORKMEN:**

1. The Entry/Exit of the contract workmen is to be regulated only through Biometric system.
2. The Contractor initially will be issued with a temporary gang pass for his/her contract workmen for a period of ten days.
3. The contractor should arrange photo coverage for all his/her workmen within the above stipulated time.
4. The contractor has to submit FORM-I for all his/her contract workmen. All the particulars required in FORM-I are to be provided by the contractor without fail.
5. The contractor should educate the contract workmen in registering the attendance through the system.

6. Whenever a contract workman migrates or leaves service, the contractor has to surrender the biometric card of the particular contract workman to Contract Cell with immediate effect.
7. If a contract workman having biometric card joins another contractor, the contractor who engages them, has to intimate contract cell along with the biometric card for switching over the contract workmen from the earlier contractor to the present contractor.
8. On completion of the work, the contractor has to surrender all the biometric cards immediately to the contract cell. Otherwise, an amount of Rs.100/- per card will be deducted from the final bill/security deposit of the contractor.
9. If any contract workmen lose his/her card, the contractor shall arrange a duplicate card for the workmen by paying an amount of Rs.100/-.
10. The Contractor is totally responsible for the biometric cards issued to his/her contract workmen.
11. The Contractor has to indemnify BHEL for all the damages and losses caused by his/her workmen.

**E. COMMON TERMS AND CONDITIONS FOR WORKS CONTRACT RELEVANT TO SAFETY:**

1. All the Contract employees should be trained on Safety and certified by Safety/BHEL. New employees should undergo Safety Training before take up the work, without Safety Training no contract person is allowed to do any work.
2. Use of cell phones and other mobile electronic devices (including hands-free devices) in the work spot and during the operation of a vehicle in the BHEL premises is prohibited.
3. Contractor employees working on BHEL premises must wear appropriate personal protective equipment. Strict adherence to all required Personal Protective Equipment (Helmet, Safety Shoes and Goggles) are mandatory, specific PPE requirements will be based on job type or tasks performed.
4. Excessively loose-clothing, dhoti/Lungi is prohibited especially around rotating or moving equipment.
5. The contractors work area should be kept clean and orderly, free of clutter and trash, so that work may proceed in a safe and orderly manner. Tools should be safely positioned during use and promptly put away when no longer required.
6. Fire-fighting, emergency shutdown devices, and life-saving equipment, should not be blocked by the contractors and access to the path to this equipment should be maintained at all times.

7. Only approved equipment should be used in locations where flammable mixtures are present. A Hot Work Permit is required when open flames, or electric arcs are in the work area and while handling flammable materials.
8. Smoking is not allowed in work area.
9. BHEL operate under a comprehensive Emergency Response Plan.
10. Contractors should be aware of the site Emergency Response Plan and communicate that plan to all their employees.
11. It is recommended that the contractor should know & display the emergency phone numbers like Fire, Ambulance, Safety, Security etc. at their work area.
12. It is the responsibility of the contractor to understand and use the appropriate Work Permits and to verify any permit requirements at the location. Contractor must make necessary arrangements with their Representative to acquire appropriate authorization to perform those operations at the site.

<b>PART-II</b>					
<b><u>PRICE BID</u></b>					
<b>NAME OF WORK: LPG PIPELINE MODIFICATION WORK IN CDF-II/BLDG 107-UNIT II/M&amp;S/BHEL, Trichy.</b>					
<b>Sl. No.</b>	<b>Description of work</b>	<b>Qty.</b>	<b>UOM</b>	<b>Rate per unit</b>	<b>Total value (in Rs.)</b>
1	DISMANTLING WORK	1	AU		
2	INSTALLATION OF 1" MANUAL BALL VALVES	48	No.		
3	INSTALLATION OF 1" GAS SOLENOID VALVE	48	No.		
4	INSTALLATION OF ORFICE METER	48	No.		
5	INSTALLATION OF LPG HOSE	48	No.		
6	INSTALLATION OF 1" FLANGES	500	No.		
7	INSTALLATION OF 2" PIPELINE	30	Meter		
8	INSTALLATION OF 1" PIPELINE	100	Meter		
<b>Total Value -</b>					
<p><b><u>NOTE:</u></b> Contractors should fill the rate , sealed and placed in a Cover separately by super scribing as PART-II/PRICE BID, Name of work, Tender ref no due date on the Cover</p>					

**Signature and Seal of Contractor**