

**BHARAT HEAVY ELECTRICLES LIMITED**  
(A government of India undertaking)  
Unit: High-Pressure Boiler Plant, boiler project P.O  
**TRICHIRAPPALLI-14**

**COMBINED CYCLE DEMONSTRATION PLANT**

**NOTICE INVITING TENDER**

01. Name of work : Coal / Ash handling work for 2010-11.
02. Estimate contract value : Rs. 20.50 lakhs (approx)
03. Earnest Money Deposit : Rs 60,000/-
04. Security Deposit : As per Works Policy
05. Operations & Maintenance period: One year
06. Cost of tender document : NIL
07. Last date for receipt of tenders : On or before 28.09.10 at 14:00 hrs.
08. Date of tender opening : On 28.09.10 at 14:30 hrs

This document contains Covering letter, Specification, General conditions, Part-I (Qualification bid), Part-II (Price bid). For qualifications criteria, refer General conditions under head General requirements point 12

CONTRACTOR

ISSUING OFFICER

**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPALLI-14**

**COMBINED CYCLE DEMONSTRATION PLANT**

BHE: CCDP: COLHLNG: 10-11

Date: 25.08.10

Sir,

Sub: Coal / Ash Handling Contract: 10-11-reg.

We are forwarding herewith one set of tender documents pertaining to the above work. You are requested to go through the Job Specification, General conditions, fill up Technical competency and rates duly signed and return the same in a sealed cover. The detail of work is given in Specification and General Instructions. The contractor must visit the work spot at CCDP and assess the nature and quantum of work, go through the Specification and General conditions. The contractor has to fill their technical capability in Part-I, and fill the Price in Part-II. Ensure signature affixed in all pages and send the documents in a sealed cover.

The Earnest Money Deposit (EMD) Rs.60, 000/- prescribed for the work shall be furnished in the following form Demand Draft from nationalized / schedule bank payable at Trichy, drawn in favour of BHEL Trichy. The EMD details shall be mentioned on the main sealed cover. No interest shall be allowed on EMD

The due date and time for submission of offer will be at 14.00hrs on 28.09.10. The Part I (technical bid) will be opened at 14.30 hrs and subsequently eligible contractors price bid will be opened on the same day. BHEL/CCDP reserves rights to reject any or all the tenders received without assigning any reason therefore. The scheduled period of work is 12 months (One year) from the date of award of work.

If you are in need of any further clarifications, please contact the undersigned on any working days between 9.00 a.m and 04.00 p.m. In case you are not in a position to quote, please intimate the fact by return post duly returning the blank tender documents with your reply.

Thanking you,

Manager / CCDP

CC: SDGM / Finance

## **SPECIFICATION FOR COAL / ASH HANDLING CONTRACT**

### **1. Work details**

CCDP Front end loaders are used for Coal preparation (raw coal movement for crushing/sieving and stocking or feeding to main bunker, feeding stocked sized coal to main bunker) and clearing fly ash/bottom ash for disposal, daily in all three shifts for 12 months. The coal / ash required to be handled per month is around 1200tons. During vehicle break down period, the man power shall be engaged for coal/ ash preparation related work and contractor's payment shall be restricted to 1200tons.

### **2. Drivers for operating Front end loaders.**

Contractor's drivers shall be engaged for operating the Front end loaders. Contractor shall engage minimum one driver per shift with additional drivers engaged during weekly off. All drivers should possess valid heavy vehicle license to operate the vehicle. Personal Insurance coverage shall be contractor's scope.

### **3. Coal / Ash handling supporting activities using sufficient man power**

The contractor shall engage at least five labours per shift to take care of the areas mentioned below. Similarly one supervisor per shift shall be engaged to take care of security permission, labour attendance, implement instructions and communications, to record work output and to raise bill according to work output. Industrial procedure/weekly off shall be strictly adhered by the contractor. The following are the list of activities to be supported by the contractor people along with our BHEL staff

- Regulating coal flow from raw coal bunker to coal belt conveyor.
- Adjusting vibratory feeder / gates and maintaining controlled flow of coal.
- Picking out stones, woods, lumps and other visible impurities from ground coal conveyor feeding coal to the crusher.
- Monitoring the crusher for any choking or over loading and to stop the crusher and clear the choking so as to keep the plant for smooth and continuous running.
- Watching the coal siever or screw conveyor for any choking / over loading and clearing the same for smooth running of plant
- Monitoring main coal bunker level, to coordinate stopping coal conveyor when the bunker level is full and to start the conveyor when the bunker level is low.
- Clearing fly ash and bottom ash from gasifier system to disposal yard using front end loader
- Assisting to clean the area manually or using Front end Loader for safe and smooth working.
- Assisting to remove heaps of coal / ash / slurry manually or using Front end Loader or using tipper lorry to safer places (tipper lorry shall be provided by BHEL).
- Oiling, greasing of gear boxes / rotating parts and small maintenance like changing damaged rollers, belt alignment etc.
- Man power shall be effectively engaged in all critical areas mentioned above, like Raw coal bunker, vibratory feeder, belt conveyor, crusher area, sieving area, main bunker, ash disposal area - for smooth running of the plant.

CONTRACTOR

ISSUING OFFICER

## **General Instructions to the Contractor.**

### **STATUTORY**

1. The contractor has to pay minimum wages to his employees as per Tamil Nadu Government's Norms. Produce copies of attendance records / wage register of employees to the concerned CCDP executive every month.
2. The contractor has to remit PF and ESI for the actual persons engaged (inclusive of other taxes as applicable) and produce the original Chalan every month along with bill for our record & verification.
3. The contractor shall comply with all state and central laws, statutory rules and regulations, inclusive of industrial laws, which are applicable in force from time to time.
4. Any increase in minimum wage by Tamil Nadu government, has to be implemented to the persons engaged by the contractor (including PF &ESI). For any reason, no increase in contract value shall be agreed.
5. Necessary gate entry, pass arrangement for persons shall be made available by the contractor before commencement of the work. The authorized person of the contractor is responsible for making the pass arrangements for their persons.

### **SAFETY**

1. All safety precautions, in general and at height in particular should be followed by the Contract employees as per BHEL norms.
2. All persons engaged in any work should wear safety shoes and helmet at work site.
3. Since coal/ash handling work is in dusty atmosphere, all contract employees shall compulsorily use nose mask and long towel for covering nose, ear and face. Contractor shall keep supplying covering towel every week to his employees. In addition, contractor shall supply a soap and 100ml coconut oil/per employee every week to clean and protect the skin from dust problem.
4. The Contractor has to insist their employees to adopt safety procedure by using as appropriate safety equipments according to their work nature. The supply of the Safety equipment shall be the Contractor's scope.
5. The contractor shall ensure that no damage is caused to any equipment at the site. If any such damage is caused, it is the sole responsibility of the contractor to make good the losses or compensate for the same.
6. It is the sole responsibility of the contractor to ensure his employees against accident and injury while work as per relevant rules and pay compensation.

CONTRACTOR

ISSUING OFFICER

## **GENERAL:**

1. The persons engaged by the contractor are unskilled in nature and one supervisor per shift to coordinate with workmen & BHEL staff for smooth execution of work.
2. The contractor has to engage sufficient persons daily, in all three shifts along with supervisor on all working days (including Sundays) to carry out the coal / ash handling requirements. Weekly off shall be filled with suitable and sufficient extra man power.
3. Man power shall be sufficiently engaged in coal yard and ash disposal areas.
4. Monthly bill shall be raised as per the actual work completed, based on measurement book
5. The Contractor is directly responsible for the payment of wages to his employees.
6. The contractor shall be responsible for the proper behavior and observation of all regulations of the persons employed by them
7. Because of shortage of manpower, if work could not be completed in the specified time, the work shall be completed through some other contractor and the amount involved shall be deducted from the contractor's bill.
8. The contractor has to bring the following tools for the execution of works contract: Shovel, spade, crow bar, basket, arivazh, tools box necessary for coal handling plant small maintenance work.
9. All the Works related to Coal / Ash handling activities shall be carried out to the satisfaction of BHEL /CCDP Engineers.
10. BHEL rules will be applicable towards issue of refreshments / food which contractors shall adhere. As per existing procedure the lunch coupon will be issued @ Rs.5/- (Rs. Five) per person. Contract employees have to provide valid coupons for Tiffin / tea / coffee / milk etc. to the canteen staff.
11. The contractor should submit an acceptance letter for the above terms and conditions.
12. Qualification criteria : The tenderer should have executed a similar single contract of value not less than Rs 8 lakh per year. Technical/Qualification competitiveness will be evaluated by technical committee and based on their recommendations only price bid will be opened. If the tenderer fails to satisfy qualifying criteria (both explicitly and implicitly stated) their offer will be rejected.

CONTRACTOR

ISSUING OFFICER

## WORKS POLICY

### 8.2 Security Deposit:

8.2.1 Security deposit should be collected from the successful tenderer. The rate of security deposit will be as given below:

Up to Rs. 10 lakhs: 10%

Above Rs.10 lakhs up to Rs.50 lakhs: Rs 1 lakh + 7.5% of the amount exceeding Rs.10 lakhs

The security Deposit should be collected before start of the work from the contractor.

8.2.2 Security Deposit may be furnished in any one of the following forms:

- i) Cash (as permissible under the Income Tax Act)
- ii) Pay Order, Demand Draft in favour of BHEL.
- iii) Local cheques of Scheduled Banks, subject to realization.
- iv) Securities available from Post Offices such as National Savings Certificates, Kisan Vikas Patras etc.

(Certificates should be held in the name of contractor furnishing the security and duly pledged in favour of BHEL and discharge on the back.

- v) Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the companies act subject to a maximum of 50% of the total Security Deposit value. The balance 50% has to be remitted either by cash or in the form of security. The Bank Guarantee format should have the approval of BHEL.
- vi) Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in Companies Act. The FDR should be in the name of the Contractor, A/c BHEL, duly discharged on the back.
- vii) Security Deposit can also be recovered at the rate of 10% from the running bills. However in such cases at least 50% of the Security Deposit should be collected before start of the work and the balance 50% may be recovered from the running bills.
- viii) EMD of the successful tenderer shall be converted and adjusted against the Security Deposit.
- ix) The Security Deposit Shall not carries any interest.

(Note: Acceptance of Security Deposit against Sl. No. (iv) and (vi) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.)

8.2.3 Security Deposit shall not be refunded to the contractor except in accordance with the terms of the contract.

CONTRACTOR

ISSUSING OFFICER

**PART-I**  
(QUALIFICATION BID)

1. Years of experience in the similar function :
2. Similar functions executed earlier. If so, cite examples :  
(Use separate sheet if required including feedback letters from such Customers)
3. Possess adequate manpower for deployment with required qualification/experience (Furnish details) :
4. Approximate quantum of business per annum :  
( For the past three years )
5. Number of contracts under execution at present :
6. Number of employees deployed in your organization :  
Temporary :  
Permanent :
7. Any instance of termination of contract in the middle :
8. Speed of Response to the queries after awarding the contract :
9. PAN card No.:
10. ESI No.:
11. PF. Account No.:
12. Estimated man days category wise required for completing the Scope of work :
13. Permanent address of the Firm as well as the Contact details of Chief personnel :

CONTRACTOR

ISSUING OFFICER

**PART -II**  
**(PRICE BID)**

**Name & Address of the Contractor :**

Rate of sized coal /ash handling in Rs / ton (coal handling, bottom ash & fly ash handling)

Rs.....per ton.
-----------------

CONTRACTOR

ISSUING OFFICER