



Bharat Heavy Electricals Limited  
Boiler Auxiliaries Plant  
A GOVERNMENT OF INDIA UNDERTAKING  
Ranipet - 632 406  
Tamil Nadu, India

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**QUALITY DEPARTMENT**

**BAP: QC/OLI: AIA: RF: 001**

**DT: 11.08.2015**

**To**

The Bidders

Dear Sirs,

**Sub:** Third Party Inspection Services for outsourcing Items (Sub-Contracted items) for the period of **two years.**

**Ref:** Tender Notice No.BAP:QC:OLI:AIA: 012 Dated :11.08.2015

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Please find enclosed / attached non-transferable tender document containing Notice Inviting Tender, qualification requirements, general conditions of contract (GCC) for works, general instructions to bidders, scope of work etc. to offer your most competitive rates for all the items.

- 1) The completed bid along with requisite EMD of **Rs. 2,00,000/- (Rs. Two Lakhs only)** for the work in the form of Demand Draft / One time EMD. The Demand Draft (DD) shall be drawn in favor of "**BHEL, Ranipet**" payable at Ranipet (or) SBI, Mukundarayapuram Branch (Code: 7013), shall reach the office of the undersigned on or before **22.08.2015 at 15.00 hrs.** EMD in any other form will not be accepted.
- 2) Tender without EMD / without reference to one time EMD will be summarily rejected.
- 3) Document has to be signed by the bidder in all the pages.
- 4) Price bid has to be duly filled in and signed by the bidder in all the pages. **The bidder has to quote most competitive rates in Part – II, Price bid.**
- 5) The tender (Technical bid) will be opened on the **22.08.2015 at 15.30 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. You / your authorized Representative may participate in the tender opening.
- 6) Clarification if any can be obtained contacting following phone No. 04172 – 241119, 284186

Thanking you,

Yours faithfully

For and on behalf of Bharat Heavy Electricals Limited,

**DGM/QC  
QUALITY DEPT  
(ISSUING OFFICER)**

**SIGNATURE OF THE TENDERER  
WITH SEAL AND ADDRESS**

# TENDER DOCUMENT

TENDER NOTICE NO: BAP:QC/OLI:AIA:012

DT: 11.08.2015

<b>Name of Work</b>	Third Party Inspection Services for outsourcing Items(Sub Contracted items) which includes fabricated items, Machined items, tools, jigs and fixtures, along with inspection of painting, Galvanizing, nitriding etc as specified in the technical bid.
<b>Period of Contract</b>	Two years.

Issued to M/s:

**TECHNICAL BID  
(Pages 2 to 41)**



**QUALITY CONTROL/OFFLOADING INSPECTION (QC/OLI)**

**QUALITY DEPARTMENT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
**(A Government of India Undertaking)**  
**BOILER AUXILIARIES PLANT**  
**INDIRA GANDHI INDUSTRIAL COMPLEX**  
**RANIPET – 632 406**

**SIGNATURE OF THE TENDERER  
WITH SEAL AND ADDRESS**

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**PART –A TECHNICAL BID**  
**SCOPE OF WORK**

**SECTION – I**

**1.0 General**

- 1.1 BHEL units are ISO 9001 accredited companies and our system and procedures are oriented towards complying with ISO requirements. Hence all the inspection agencies shall preferably be as ISO accredited company or be familiar with ISO standards and make sure that they fulfill all their obligations towards meeting the ISO requirements.

**For the details of type of products, location and approximate loading potential please refer section II.**

- 1.2 The inspection agencies shall own the responsibility to ensure that the components are inspected at appropriate stages and at final stage as per the enclosed scope of purchase order and guidelines of BHEL Quality Management instruction (copy of QMI-26 is given as enclosure) and applicable Quality work instructions, like QCP,SQP,SIP, CQP etc
- 1.3 Inspection records shall be maintained separately by inspection Agencies and Daily Inspection Reports to be sent to BHEL/QC/OLI.

Refer Inspection stages for various components as mentioned in **Annexure – A.**

- 1.4 The inspection agencies shall evaluate the quality performance of the sub contractors as per the relevant guidelines issued by M/s BHEL and send the reports as specified in QMI-26. Gross inadequacies shall be brought to the notice of BHEL/QC/OLI immediately for necessary follow up action.
- 1.5 The inspection agencies shall verify and ensure the availability of Qualification procedures etc., and wherever necessary conduct personnel qualification test, procedure qualification test, review of qualification records and surveillance audit check in connection with processes like welding, heat treatment, painting etc., Also, the consumables used in welding, NDE and painting shall be checked for its suitability as per BHEL approved list & recorded.
- 1.6 The inspection agencies shall ensure calibrated instruments & gauges are being used and the related activities to get the instruments & gauges calibrated at the appropriate due dates.
- 1.7 The inspection agencies shall respond immediately for the feed back with regard to any discrepancies on the inspected components /urgencies from shop and site.
- 1.8 The inspection agencies shall coordinate with customer's representative for the inspection stages identified in the contract Quality plan./ communication issued by BHEL/QC/OLI
- 1.9 The inspection agency should have a minimum of 7 years of continuous experience in industrial Inspection related activities as per clause 2.1.1 & 2.1.2 of section II and documentary evidence to be submitted.
- 1.10 The Inspectors posted for inspection shall be available in the neatly dressed with safety shoes, all to be furnished by the Inspection Agency.

- 1.11 Vehicle for the movement from residence to work place and back to residence for the inspectors posted has to be arranged by the respective inspection Agency to perform inspection services at vendor works.
- 1.12 The Inspection Agency shall have adequate experienced inspection personnel to maintain the required strength of inspectors by suitable immediate substitute for the inspectors who resign / on long leave and the Inspection Agency has to take all necessary steps to ensure the inspection services without any obstruction or interruptions.
- 1.13 The Inspection Agency / the inspector shall not off-load either full or part of the work, assigned by BHEL. If found, contractor shall be immediately terminated.
- 1.14 The information regarding addition/deletion change of manpower shall be furnished to QC/OLI. BHEL, Ranipet, on every six months. Additional manpower shall be got qualified / approved by QC/OLI.BHEL, Ranipet, during changes.
- 1.15 If any discrepancy is found during checking /audit of inspected items received at Unit /site /shop or feedback received from customer on aesthetic appearance , painting deficiencies, mismatching or malfunctioning etc., (during use in the shop, Erection, Testing or Commissioning) and / or records and it is established that the discrepancy is on account of inaccurate inspection, the rework and inspection charges of the concerned item shall be deducted from pending bills and /or security deposit amounts.
- 1.16 The performance of Inspection Agency shall be monitored on aspects of response time to attend the call, timely submission of inspection report, deficiency in inspection and reporting from BHEL units/sites/ shops, feedback of suppliers, Surveillance/Audit report of QC/OLI , BHEL ,Ranipet and feedback from Customers . BHEL reserves the right to regulate the load based on performance and response of the agencies.
- 1.17 The Inspection Agency shall submit the Technical bid with document evidence of
1. Organization Chart and details of technical persons with qualification and experience on roll.
  - 2 Supported by Performance certificate from the customer. Previous experience in industrial Inspection related activities as per clause 2.1.1 & 2.1.2 of section II and documentary evidence to be submitted.
  3. Copies of PAN card, Service Tax, Provident Fund and ESI Registration Certificate
  4. Technical Bid Criteria as given in Section IV duly signed by authorized signatory and Annual Turnover, Audited Profit and Loss account & Balance Sheet for the last three years.
  5. Without full details of any one of the above, the agency will be disqualified from Technical and become not eligible for price bid opening and all pages shall have original seal and signature of the Authorized persons.
- 1.18 Inspection agencies shall transact communications through network, email for faster and accurate communication.

## SECTION –II

### 2.0 TYPE OF PRODUCTS, LOCATION AND APPROXIMATE LOADING ON NON PRESSURE PARTS & SUBCONTRACTORS LOCATION (INDICATIVE) & QUANTUM OF WORK

#### 2.1 TYPE OF PRODUCTS:

2.1.1	Sub contracting of fabricated items by BHEL are in general as below but not limited to General Fabrication: Boiler ESP column, ceiling girders, beams, welded beams, rolled beams, bracings, floor grills, ducting items, expansion bellows, Ash Hoppers, Funnels, frame parts, other plate items, tie rods, , turn buckles, heat exchanger components, damper and gates, parts of fans(spiral casing, suction chamber, housing, diffuser, bearing pedestal, IGV, damper, labyrinth seals etc), air heaters pedestals, sector plate, basket frames, wind mill components, tanks, this includes final assembly inspection and dispatch to site also.
2.1.2	Machining Components: BHEL also offloads various components which need precision machining and assembly like Gates, Dampers, fans rotating components, sector plates, APH & ESP components and other jobbing items.

#### 2.2 SUB CONTRACTORS LOCATION:

2.2.1	The subcontractors/vendors are small scale or medium scale entrepreneurs with an average work force of around 20 workmen.
2.2.2	The Sub-contractors are fairly equipped with suitable facilities for the type of jobs loaded on them and they are selected and approved by a vendor selection committee of BHEL.
2.2.3	<p>The Subcontractors are located in and around Ranipet, Chennai, Coimbatore, Hosur, Salem, Trichy, Pudukottai, Thanjavur, Madurai, and other peripheral areas of Tamilnadu, Pondicherry, and Bangalore as follows:</p> <p>Approximate no of firms located in the above places are given below:</p> <p>Ranipet (in and around) – 515.</p> <p>Chennai – 52 &amp; 43 (Sriperumpudur)</p> <p>Coimbatore: 7</p> <p>Hosur – 19</p>

Salem – 09
Trichy/Pudukottai: - 9
Madurai:- 3
Bangalore – 10
Pondicherry - 02

**Notwithstanding anything to the contrary, the contractor shall not refuse to perform the work on the ground that the new locations were added subsequent to the submission of bids.**

### **2.3 QUANTUM OF WORK**

<b>Category</b>	<b>Activity / Description</b>	<b>Estimated Quantum</b>
I	Inspection of General Fabrication of Boiler or Boiler Auxiliaries Where complete Drawings are supplied by BHEL and materials will be either supplied by BHEL or procured by the vendors.	299157 MT for 2015-17
II	Inspection of Machined components of Boiler or Boiler Auxiliaries Where complete Drawings are supplied by BHEL and materials will be either supplied by BHEL or procured by the vendors	Rs. 2850 Lakhs worth of PO Value for 2015-17
III	Inspection of shot blasting, painting, nitriding & Galvanizing, and bought out sub delivery components and Boiler or Boiler auxiliaries.	Rs. 19.38 Lakhs worth of PO Value for 2015-17
IV	Inspection of Jigs, fixtures and other tooling jobs ordered by BHEL against drawing and the material under the scope of vendor.	Rs. 100 Lakhs worth of PO Value for 2015-17

**Note:**

1. The quantum stated herein is estimates and hence by their very nature are likely to vary.
2. It is possible that these quantities may vary substantially on the positive or negative side depending on the fluctuations in business & economic scenario.

Therefore, notwithstanding, any thing to the contrary no claim against BHEL shall lie in the ground, that actual quantum is less than or substantially less than what is stated herein.

## SECTION -III

### 3.0 PROCEDURE FOR INSPECTION

- 3.1 BHEL furnishes manufacturing drawing to each of the sub- contracting vendors from BHEL Approved suppliers.
- 3.2 Raw materials are supplied either by BHEL or procured by subcontracting vendors from BHEL Approved suppliers.
- 3.3 All raw materials shall be verified with documents / test reports as per quality work instructions to ensure its correctness and suitability.
- 3.4 All inspection activities shall be carried out as stipulated in quality management instruction (QMI 26) Latest, in addition to the engineering drawing All the inspection activities shall be carried as stipulated in quality management instruction (QMI 26) latest, in addition to the engineering drawing which details the products and inspection requirements, BHEL gives quality work instructions (QWI) like quality document for inspection stages as in Annexure A. Quality control procedures (QCP), standard quality plans (SQP), standard inspection procedure (SIP), contract quality plan (CQP) as applicable for each product. Most of the components of assemblies / sub-assemblies require stage inspections including raw material inspection, verification of process parameters. All components require final inspection
- 3.5 Wherever customer inspection is envisaged, the same has to be coordinated by the inspection personnel at the subcontractor's works. Quality plan or separate communication or both will be given to notify the requirement at the appropriate time.
- 3.6 Sub contractors located in different zones will submit inspection calls by hard copies, oral communication in case of urgency, e-mail, and online call booking through B2B at the nodal points identified by the inspection agency.
- 3.7 Inspection agencies are expected to attend all the inspection calls within 4 hours from the time of inspection calls. Inspection calls not attended within 24 hours will be viewed seriously and lead to cancellation of contract without notice period.
- 3.8 Due to urgency of work, other agencies of BHEL / customer, if authorized by BHEL/QC/OLI, may also issue instruction to Inspection Agency
- 3.9 Inspection Agencies shall carry out inspection activities such as material identification, in-process inspection, non destructive examination as applicable, final inspection and documentation as specified in quality documents.
- 3.10 Inspection agencies are expected to execute and provide quality services in a professional manner & commensurate with the available facilities. They also shall educate and guide the vendor for proper process control.
- 3.11 Inspection agencies have to arrange their own transporting arrangements to reach the vendor's/subcontractor's site for inspection. Residence of inspectors shall be within 20kms for easy accessibility.

3.12 Workload fluctuation is cyclic from month to month maximum depending upon the availability of raw materials. It is therefore requested that this cyclic nature of work load should be kept in mind while arranging inspection against this contract.

3.13 The performance of inspectors will be monitored continuously by BHEL and Performance rating will be communicated to you separately. In case of Unsatisfactory performance, you are expected to take appropriate time bound corrective actions to improve the quality of service and feedback shall be given to BHEL on the corrective actions taken.

3.14 In emergencies / exceptional cases, inspectors posted by the Inspection Agency have to provide the services at short notice, in extended working hours, Sundays, holidays and in odd hours to the requirement of BHEL

3.15 The components, which are inspected and cleared by the inspectors posted by inspection agency, may be subjected to re-inspection by BHEL Quality control personnel or Customer Inspector. Wherever any extra expenditure incurred either by BHEL or by its customers, either during fabrication or erection at site, towards Rectification of defects in the components cleared by your inspectors and if the cause of this rectification is due to faulty inspection clearance, the rework and inspection charges incurred will be recovered from your bills and decision of BHEL Quality will be final in this regard.

3.16 Inspection agencies have to ensure every finished component accepted by inspector shall bear the metallic seal of inspector in prominent place. Whenever small components are involved, the inspection agency shall ensure that the components are bundled or put in a box and sent along with a metallic tag which will bear the seal of inspector.

3.17 The components inspected and found satisfactory for dispatch shall be accepted by raising Inspection Report (IR). The inspection Reports shall be processed through online inspection call & IR generation system.

**SECTION IV**

**TECHNICAL BID CRITERIA**

**(TO BE FILLED BY THE BIDDER)**

SL. NO	TECHNICAL BID CRITERIA	Accepted
		Not Accepted
1	Quotation to be submitted in Two parts in separate sealed covers. Part A- Technical Bid and Part B- Price Bid and if necessary Reverse Auction will be carried out. Refer annexure – B for General Terms and Conditions regarding Reverse Auction (RA)	
2	An Earnest Money Deposit (EMD) amount of Rs.200000 (Rupees Two Lakhs only) to be sent along with your offer.	
3	Only SINGLE RATE PER METRIC TON of finished goods shall be considered. Rate should be quoted without any conditions on distribution of workload. No escalation of rate is admissible during the contract period. The rate should be exclusive of service tax.	
4	The Inspection Agency should have a minimum of 7 years <b>continuous</b> experience in Industrial Inspection related activities as per clause 2.1.1 & 2.1.2 of section II and documentary evidence to be submitted.	
5	Inspection Engineers shall have the following qualification.  a) <b>Minimum qualification of Diploma in Mechanical/ Metallurgy Engg/ Production Engg</b> b) Minimum three years of experience on structural fabrication. c) Level II qualification in NDE-RT, UT, MT, PT duly approved by BHEL/Ranipet. d) Must have adequate knowledge on ASME/AWS code requirements. e) All Inspection Engineers shall have knowledge on English ( <b>speak &amp; write</b> ) f) <b>All Inspection Engineers shall be conversant with the use of measuring instruments and possess working knowledge on computers.</b>	
6	All Inspection Engineers shall be trained at BHEL and shall be qualified through written/ oral/ practical test conducted on the completion of training	
7	All the inspection calls have to be completed within 4 hrs from the time of inspection calls. Inspection calls not attended within 24 hrs will be viewed seriously and lead to cancellation of contract without notice period.	
8	In emergencies/ exceptional cases, Inspection has to be carried out round the clock including Sundays and Holidays & in odd hours by employing adequate Inspection Engineers to the requirement of BHEL.	
9	Required Inspection engineers have to be posted at different places on permanent basis to meet the requirement of BHEL. Only Experienced Inspector shall be substituted to take care of leave post.	
10	Inspection Agency to own the responsibility to ensure that the components are inspected at appropriate stages and at final stage as per the BHEL Quality Management Instruction (QMI) and Quality work Instructions (QWI) and records shall be maintained	
11	Inspecting Agency has to own the responsibility to ensure the safety and security of their	

	respective Inspecting Officials while carrying out Inspection activities.	
12	Inspection Agency has to take all necessary steps to ensure the Inspection services without any obstruction or interruptions.	
13	Inspection Agency has to perform the Inspection activities with the existing facilities at sub-contracting firms and no additional facility can be provided.	
14	Necessary Transportation facility for Inspection Engineers has to be arranged by the respective Inspection agency to perform Inspection services at different sub contracting firms.	
15	The Inspectors posted for inspection shall be available in the neatly dressed in the Inspection agency's Uniform (for easy identification in Shops) and with Safety shoes, all to be furnished by the Inspection Agency.	
16	The Inspection Agency shall have adequate experienced Inspection personnel to maintain the required strength of Inspectors by suitable immediate substitute for the Inspectors who resign/on long leave and the Inspection agency to take all necessary steps to ensure the Inspection services without any obstruction or interruptions.	
17	All Inspection personnel being offered to BHEL shall be regular employees or shall have at least three years of running contract with bidder. No consultant or freelancer is allowed for BHEL inspections. All inspection personnel shall carry photo identity card issued by respective TPIA.	
18	Safety, Provident fund, ESI, Insurance and all statutory requirements and BHEL safety rules and regulations are to be taken care by you. BHEL is not responsible for any injury or damage that is caused to your staff during the course of inspection or otherwise.	
19	All inspection agencies shall have regional offices in India preferably in Tamil Nadu and local offices at Ranipet and the Head/ Coordinator at Ranipet shall possess adequate Technical& communication skills for easy understanding and technical communication. The heads shall be capable and qualified enough to conduct audit at the vendor woks where problems will be reported by QC/OLI and also he shall have adequate control over the inspectors engaged in different places pertaining to the contract.	
20	<b>The period of contract will be two years from the date of execution of inspection</b> contract. The contract can be extended for further period based on mutual agreement between BHEL and Inspection agency.	
21	<p><b><u>Award of contract and work sharing:</u></b></p> <p>21.1 The highest rate quoted techno-commercially accepted (TCA) bidder (H1) will not be considered.</p> <p>21.2 If the number of TCA bidders are <b>four and above</b>, the contract will be awarded to maximum of 3 TCA bidders as selected below: (after eliminating H1)</p> <ul style="list-style-type: none"> <li>▪ Techno-commercially accepted L1 price is counter-offered to other bidders in the order of ranking.</li> <li>▪ If the counter offer is not acceptable to any bidder, the same will be offered to the next higher ranked bidder in the order of ranking leaving out the</li> </ul>	

**SIGNATURE OF THE TENDERER  
WITH SEAL AND ADDRESS**

	<p>highest quoted TCA bidder.</p> <ul style="list-style-type: none"> <li>▪ After counter offering process, if the accepted bidders are limited to 3 including L1, work share will be: L1 : 50%,L2 :30%,L3 :20%</li> <li>▪ After counter offer process, if the accepted bidders are limited to 2 including L1, work share will be L1 : 70%, L2 :30%,</li> <li>▪ If there is no acceptance to counter offer, the entire work share will be given to L1.</li> </ul> <p>21.3 If the number of TCA bidders are <b>three</b>, the contract will be awarded to maximum of 2 TCA bidders as selected below, (after eliminating H1)</p> <ul style="list-style-type: none"> <li>▪ Techno-commercially accepted L1 price is counter-offered to other bidders in the order of ranking.</li> <li>▪ If the counter offer is not acceptable to any bidder, the same will be offered to the next higher ranked bidder in the order of ranking leaving out the highest quoted TCA bidders.(L3)</li> <li>▪ After counter offering process, if the accepted bidders are limited to 2 including L1, work share will be L1 : 70%, L2 :30%,</li> <li>▪ If there is no acceptance to counter offer, the entire work share will be given to L1.</li> </ul> <p>21.4 If the number of TCA bidders is <b>two</b>, the entire work will be awarded to L1. (After eliminating H1) leaving out the highest quoted TCA bidders (L2).</p>	
22	As per the policy guidelines of BHEL, Shuffling will take place every year between Inspection agencies to different subcontracting firms; BHEL reserves the right to regulate the load based on performance and response of the agencies.	
23	Payment for the accepted invoices towards Inspection services will be paid within 45 days from the date of submission of the relevant accepted invoices. Payment will be done through <b>e - mode only</b> . The bidder has to fill up <b>Enclosure- 2</b> and send the same along with technical bid.	
24	The Bidder shall fill the format " <b>Particulars of Inspection Agency</b> " and submit along with the Technical Bid.	
25	<p>The Inspection Agency shall submit the technical Bid with document evidence of</p> <ol style="list-style-type: none"> <li>1) Organization chart and details of technical persons with qualification and experience on roll</li> <li>2) Supported by performance certificate from the customer. Previous experience in Industrial Inspection related activities in Fabrication of boiler components or Boiler construction site,</li> <li>3) Copies of PAN card, Service Tax, Provident Fund and ESI Registration Certificate.</li> <li>4) Technical Bid criteria as given in Section IV duly signed by authorized signatory.</li> <li>5) Annual turnover, Audited profit and loss Account&amp; Balance sheet for 3 years (2011-12, 2012-13, 2013-14).</li> <li>6) Without full details of any of the above, the agency will be disqualified from</li> </ol>	

	Technical Bid and become not eligible for price bid opening and all pages shall have original seal and signature of the authorized persons.	
26	No other pre conditions along with your offer will be entertained by BHEL.	
27	BHEL reserves the right to reject any offer without assigning any reason.	
28	BHEL reserves the right to summarily terminate the contract during service on integrity related issues.	
29	All original documents are to be shown for verification on demand for conformations.	

NOTE: Non acceptance to the condition will be considered as deviation. Hence the offer may likely be rejected.

**PARTICULARS OF INSPECTION AGENCY**

(TO BE FILLED BY THE BIDDER)

1.1	Name of company			
1.2	Head office			
	i)	Address:		Fax no:
	ii)	Phone no:		Website:
	iii)	E mail:		
1.3	Chief Executive:			
	i)	Name:		
	ii)	Designation:		
	iii)	Office Address:		
	iv)	Phone No:	Landline:	Mobile:
	v)	Email:		
	vi)	Qualification:		
	vii)	Profile:		
	viii)	Experience:		
1.4	Authorized persons to participate in Reverse Auction process			
	i)	Name:		

**SIGNATURE OF THE TENDERER  
WITH SEAL AND ADDRESS**

	ii)	Designation:	Landline:	Mobile:
	iii)	Office Address:		
	iv)	Phone No		
	v)	Email:		
	vi)	Qualification:		
	vii)	Profile:		
	viii)	Experience		

1.5	<b>Ownership Status</b>	(please put <input type="checkbox"/> mark in appropriate box)		
		Govt. of India Undertaking	<input type="checkbox"/>	State Govt. undertaking
		Public Limited	<input type="checkbox"/>	Private limited company
		Company partnership/ Individual firm	<input type="checkbox"/>	Others (Please Specify)

(Please submit documentary proof such as memorandum & Articles of association, company registration certificate, partnership deed as applicable)

1.6	i)	Total no. of persons:	
	ii)	No of persons engaged in inspection:	
	iii)	Total no of branches:	

1.7	<b>Particulars of branches (add separate sheet if required)</b>		
	i)	Location:	
	ii)	Name of Branch Manager:	
	iii)	Address:	
	iv)	Phone no:	Landline: <input type="text"/> Mobile: <input type="text"/>
	v)	Fax no:	
	vi)	Website:	

	vii)	Email:			
	viii)	Total no persons:			
	ix)	No of persons engaged in inspection			
1.8	<b>Date of Incorporation/ registration:</b>				
1.9	Turnover of the company from inspection services for the earlier 3 years:		Year	Turnover (In Rs. Crore)	Remarks
			2012-2013		
			2013-2014		
			2014-2015		
			Average		
1.10	Audited annual report for the earlier 3 years (to be enclosed)				
1.11	Income Tax certificate for the earlier 3 years (to be enclosed)				
1.12	Bankers name and address:				
1.13	Registration with statutory bodies:				
	a	Income Tax PAN no.			
	b	Service Tax registration no. (please enclose relevant letter/certificate)			
1.14	a	Whether company is ISO:9001-2008 certified	Yes/no		
	b	If yes, Year of Certification			
	c	Certification body& Certification no.			
	d	Whether company is certified for ISO/IEC:17020:	Yes/No		
	e	If yes, Year of Certification			

	f	Certification body & Certificate no.					
1.15	Organization: (Please enclose organization chart)						
1.16	<b>List of clients during last five years:</b>						
	Sl no	Client	Supplier (S)	Item (S)	P.O/Contract No	Value	Remarks
	1	2	3	4	5	6	7
1.17	i)	<b>Bio data of all persons engaged in Inspection:</b>					
	Sl no	Name	Technical Qualification	Additional certification (ndt) no of years	Experience in inspection field	Specimen Signature (Attested)	Remarks
	1	2	3	4	5	6	7
	ii)	Summary:					
		PG/Graduate Engineers:					
		Diploma Engineers:					
		Total:					
1.18	Type of services offered:						
1.19	Did you provide TPI services to any BHEL unit/division? If yes, please give details					Yes/ No	
1.20	Whether any litigation/arbitration is pending If yes, please give details					Yes/No	
1.21	No deviation certificates (In the format enclosed in annexure- C):						
1.22	Information regarding banning, blacklisting from business						
1.23	Any other information: Use Additional sheet, (If required)						

Signature of Authorized person

Name:


Date:

Seal:

All the above Technical Bid Criteria along with the requirements prescribed in Section I to IX are acceptable

**Signature with Seal of Authorized signatory**

**SECTION V**

	<b>Bharat Heavy Electricals Limited</b> ( A Government of India Undertaking) <b>BOILER AUXILIARIES PLANT</b> <b>RANIPET – 632 406, INDIA</b>	Phone No:04172-241119, 04172- 284186 E-mail: kangeyan@bhelrpt.co.in kkaruna@bhelrpt.co.in
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**NOTICE INVITING TENDER (NIT)**

Tender Notice No	<b>BAP: QC:OLI:AIA:012 DT: 11.08.2015.</b>
Name of work	Third Party Inspection Services for outsourcing Items(Sub Contracted items) which includes fabricated items, Machined items, tools, jigs and fixtures, along with inspection of painting, Galvanizing, nitriding etc as specified in the technical bid.
Type of tender	<b>Open tender</b>
Period of contract	<b>Two Years</b>
Earnest Money Deposit (EMD) Amount	<b>Rs. 2,00,000/- (Rs.Two lakhs only)</b>
Last date & Time for Receipt of the Tender	<b>22.08.2015 at 15.00 hrs.</b>
Date of Technical Bid Opening	<b>22.08.2015 at 15.30 hrs on wards.</b>
<b><i>(Please obtain updated information from the website about the latest applicable dates &amp; other changes if any in the tender contents)</i></b>	
Date of Price Bid Opening	Bidders whose technical bids are found acceptable will be intimated separately about the status of their offers and the date of opening of Price Bid. If necessary Reverse Auction will be conducted.
Place of submission of Tender	Tender Box placed in QC/OLI Office, BHEL – BAP - Ranipet – 632 406
Address to be written on the Sealed Tender Cover	<b>DGM/QC, QUALITY DEPARTMENT BHARAT HEAVY ELECTRICALS LIMITED RANIPET – 632 406 VELLORE DISTRICT TAMIL NADU</b>
Venue of the Tender Opening	DEMING HALL/ QUALITY CONTROL DEPT

**Note:**

1. The Tender documents can be downloaded from BHEL website ([http://www.bhel.com/tender/list\\_tender.php](http://www.bhel.com/tender/list_tender.php)) and Govt tender web site: <http://tenders.gov.in/>, <http://govtenders.nic.in> and also in Central Public Procurement Portal (CPP) website: <http://eprocure.gov.in/epublish/app>
2. Interested bidders may alternately collect hard copy of tender specification documents at free of cost from Quality Dept / BHEL / Ranipet on all working days (between 10.00 to 15.00 hrs).
3. BHEL reserves the right to accept or reject any or all tenders without assigning any reasons whatsoever.
4. All corrigenda, addenda, amendments, clarifications etc. to tender specification will be hosted in the web pages ([www.bhel.com](http://www.bhel.com) > **Tender notifications > view corrigendum**) only and not in the news papers. **Bidders shall keep themselves updated with all such developments.**
5. BHEL reserves the right to reject any tender on the basis of unsatisfactory performance of the bidder in any on going job or any similar job in the past.

**SECTION VI**

**QUALIFICATION REQUIREMENTS (QR):**

**Name of work:** Third Party Inspection Services for outsourcing Items(Sub Contracted items)  
Which includes fabricated items, Machined items, tools, jigs and fixtures, along  
With inspection of painting, Galvanizing, nitriding etc as specified in the technical bid.

**Tender Notice No: BAP: QC:OLI:AIA:012 DT: 11.08.2015.**

Sl. No	DESCRIPTION	DETAILS ( TO BE FILLED BY THE CONTRACTOR )
1	Average annual financial turnover of the Contractor during the last 3 years ending on 31st March 2014, should be at least <b>Rs. 67.82 lakhs</b> and the Copies of audited Balance Sheet and Profit & Loss Account for the last three financial years ending on 31.03.2015 duly certified by Chartered Accountant are to be submitted. If accounts for the year for 2014-15 are not finalized, the above documents for the years 2011-12, 2012-13 and 2013-14 can to be submitted..	2012 – 13:
		2013 – 14:
		2014 – 15:
2	Contractors having experience of successfully completed similar works (ref. Note 1 below) during the last 7 years as on 31.07.2015 should be any one of <b><u>the following three categories.</u></b>	

2a	Three similar completed works each costing not less than the amount equal to <b>Rs. 90.43 Lakhs</b>	Client : Name of work :  Value of Work : Rs. Completion Certificate issued by :  Date of completion of work:
		Client: Name of work:  Value of Work : Rs. Completion Certificate issued by :  Date of completion of work:
		Client: Name of work:  Value of Work : Rs. Completion Certificate issued by :  Date of completion of work:
2b	Two similar completed works costing not less than the amount equal to <b>Rs. 113.04 Lakhs.</b>	Client: Name of work:  Value of Work : Rs. Completion Certificate issued by :  Date of completion of work:
		Client: Name of work:  Value of Work : Rs. Completion Certificate issued by :  Date of completion of work:

2c	One similar completed work costing not less than the amount equal to <b>Rs. 180.86 Lakhs.</b>	Client: Name of work: Value of Work : Rs. Completion Certificate issued by :  Date of completion of work:

**Note1: 'Similar Works' mentioned in SI.No-2 above shall mean successful execution of inspection service contract of Boiler or Boiler auxiliaries products in sub-contractors works (Local inspection).**

Tender bids not meeting any of the above pre-qualification criteria shall be rejected and shall not be considered for further evaluation of tender.

Possession of PF registration number is not mandatory. However the successful tenderer has to register with PF authorities and furnish the registration number before first Running Account Bill.

BHEL reserves its right to reject the tender on account of unsatisfactory past performance by the bidder in other projects awarded under different enquiry.

**The work executed in the own name of the bidder only will be considered for similar works executed for meeting the eligibility criteria.**

**Documents required for proof of QR:**

The bidders should submit documents in support of possessing Qualifying requirements as under, duly certified and stamped by their authorized signatory:

- Copy of Balance sheet, Profit & Loss Account duly certified & audited by Chartered Accountant) and work orders along with BOQ and completion certificates in support of the qualifying criteria.
- Copy of authorization letter / power of attorney of the authorized signatory of the tender document (only in case of owner of the firm is different from authorized signatory).

**DETAILS TO BE FILLED BY THE BIDDER**

1a	Name of applicant	
1b	Full address	

1c	Nationality	
1d	Email Cell Phone Fax	
2	Whether the firm is individual firm or Sole proprietorship firm or partner ship firm or Hindu undivided Family or association of persons or Private Limited company or Public Limited company or any other please specify.	
3	Whether the contractor has registered his workmen under employees State Insurance Act. If so, the Registration No. / Enrolment Number may be furnished.	
4	PAN no and documentary proof (Notarized copy has to be enclosed)	
5	Registration under Tamil Nadu VAT ACT, TIN number.	
6	The service tax heads under which the enlisting person registered with Excise Authorities and copy of service tax registration certificate has to be enclosed	
7	Whether the contractor has registered his workmen under Employees Provident Fund and Miscellaneous Provisions Act.	
8	Income Tax return filed acknowledgement for last 3 years has to be enclosed.	

## SECTION VII

### IMPORTANT NOTE TO BIDDERS

**Bidders are requested to submit their offers 'in a sealed cover' consisting of three inner sealed covers such as (1) EMD cover containing DD, (2) Technical Bid cover & (3) Price Bid cover, all super scribing the name of the work, Tender Number, Due date etc.**

- 1) EMD cover shall contain requisite EMD in the form of Demand Draft (DD). Bidders who have already remitted one time EMD of Rs. 2 Lakh need not submit the DD. However they have to furnish the details of Cash Receipt No. & Date on the top of the EMD cover. Tender without EMD / One time EMD reference will be summarily rejected. EMD in any other form will not be accepted.
- 2) Technical/Qualification bid cover shall contain duly filled in qualification bid document signed by the bidder in all the pages with documentary evidences for pre-qualification such as Balance sheet, Profit & Loss Account , experience, value of work executed in the similar nature of work etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 3) The price bid cover shall contain price bid document (BHEL format only) duly filled in and signed by the bidder in all the pages. The bidder has to quote most competitive rates for all the items in the price bid. The completed qualification bid and price bid along with requisite **EMD of Rs 2,00,000 /-** for the work in the form of Demand Draft drawn from any Nationalized bank, in favor of **"BHEL, Ranipet "**payable at Ranipet (or) SBI, Mukundarayapuram Branch (Code: 7013) shall reach the Office of the undersigned **on or before 22.08.2015 at 15.00 Hrs.**

(This earnest money deposit will be refunded to the unsuccessful Bidders after finalization of the award of work. In case of successful bidder, the earnest money will be retained as part of the Security Deposit for satisfactory completion of the work in accordance with BHEL's General Conditions of Contract enclosed. No interest will be paid on the earnest money deposit. EMD by the bidder will be forfeited if i) After opening the tender / price bid the bidder revokes his tender within the validity period or increases his earlier quoted rates ii) The bidder does not commence the work within the period as per LOI / Contract. In case the LOI / Contract is silent in this regard then within 15 days after award of contract).

- 4) **The Qualification/ Technical bid will be opened on 22.08.2015 at 15.30 hrs onwards. 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 at the same timing on the next working day. Date and time of opening of the price bid shall be intimated to those bidders who have qualified in the technical bid. The bidders or their authorized agents can participate in the tender opening for which they shall bring authorization letter for attending tender opening.**
- 5) **Bidders are required to submit their price bid in the BHEL format only**
- 6) **Seeking clarification on Tender Specification:** Clarifications on tender specification if any may be sought by the bidders during the office hours only from the DGM/QC - **Phone no- 04172-241119 & SM/QC/OLI – phone No.04172-241140.**

- 7) All the information as called for in the various clauses and annexure of tender specification should be furnished. The details so furnished should be complete in all respects and as per the formats prescribed in the Tender specification (Statutory requirement of Contract). The bidder may have to produce original documents for verification, if so decided by BHEL.
- 8) Offers received with any deviation or without relevant information are liable to be rejected.
- 9) Price bids received in any form other than prescribed in PRICE BID are liable to be rejected.
- 10) **The bidder has to quote his Rate for all individual items in the Rate Schedule of Price Bid. If the bidder has not quoted the Rate for any item(s), it is considered as incomplete tender and tender can not be accepted.**
- 11) **The tender offer should be kept valid for 3 MONTHS from the date of technical bid opening** for acceptance by BHEL. No unsolicited revision in the tender offer shall be entertained after opening of tenders and till expiry of the validity period.
- 12) Quoted rates shall be firm through out the contract period and extended contract period also and no cost escalation is allowed on any account.
- 13) **The similar works executed in the own name of the bidder only will be considered for eligibility / qualification criteria.**
- 14) BHEL reserves the right to increase or decrease the tendered quantity.
- 15) Lowest prices received against BHEL tenders need not be the technically acceptable one, and in that case, BHEL reserves the right not to consider the same.
- 16) BHEL reserves the right to negotiate or refloat the tender opened, if L1 Price is not lowest acceptable price to them inter-alia other reasons.
- 17) BHEL reserves the right to negotiate the L1 rate.
- 18) Any Bid received after the deadline for submission of the Bids including any extension(s) thereof will be declared "Late" and shall ordinarily be liable to be rejected.
- 19) **The no. of inspection agencies will be selected as per clause 21 of section IV (Technical Bid Criteria)**

**20) Conflict of Interest and Undue Influence**

Should a Bidder or, in the case of a Firm or Company, its Partner(s) / major Shareholder(s)/ Director(s) have relation(s) employed in BHEL, BHEL shall be informed of the fact along with the offer. Otherwise, BHEL may, at its sole discretion, reject the tender or cancel the contract at any stage of the Contract without any cost or any other adverse implications to BHEL

Any attempt by a Bidder to exert influence on BHEL during the process of bid evaluation or award of the contract, would make their bid liable for rejection.

**21) Proof of MSE (MICRO, SMALL ENTERPRISES) Certificate:**

**If vendor have their MSE Certificate, EMD need not to pay for this work.**

MSE suppliers can avail the intended 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 (as below where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the last date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of

their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiencies in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal.

Documents should be notarized or attested by a Gazettes officer.

All MSE suppliers shall continue to be in PMD with MSE status based on the EM II certificate or valid NSIC certificate. Any new supplier will be eligible for registration with BHEL as MSE supplier provided at least any one of the following documents are submitted along with application for registration.

- a) Valid NSIC certificate or
- b) Entrepreneurs Memorandum part II(EM II) certificate (valid based on deemed validity of 5 years) or
- c) EM II certificate along with attested copy of CA certificate (as per prescribed format as below applicable for the relevant financial year (latest audited), where the deemed validity of EM II is over.

However credentials of all MSE suppliers will be verified before considering the intended benefits for MSE suppliers as per clause 9 (ii) at the time of tender evaluation.

### **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:  
Rs..... 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.  
Rs..... Lacs

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

The above investment of Rs.....Lacs is within permissible limit of Rs.....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:

**(Authorized Signatory)**

Signature of the Tenderer with seal

**SIGNATURE OF THE TENDERER  
WITH SEAL AND ADDRESS**

## SECTION –VIII

### GENERAL CONDITIONS FOR CONTRACT WORKS

#### **1.0 DESPATCH INSTRUCTIONS:**

- 1.1. This tender specification as a whole, duly furnishing all the details required and other documents as required in the following pages, shall be duly signed and sent in a sealed cover duly super scribing the name of work as given in the tender notice.
- 1.2. The tender shall be addressed to Officer inviting tender (DGM/QC) as indicated in the tender notice.
- 1.3. Tenders submitted by post shall be sent by “REGISTERED POST WITH ACKNOWLEDGEMENT DUE” and shall be posted with the due allowance for any postal delay. The tenders received after the due date and time of opening is liable to be rejected. Telegraphic offers and offers received by telex may not be considered.
- 1.4. Tenders shall be opened by authorized officer of BHEL at his office at the time and date as specified in the tender notice in the presence of such of those bidders or their authorized representatives who may be present.
- 1.5. The Tenders shall closely pursue all the clauses, specifications and drawings indicated in the tender documents before quoting. Should the bidder have any doubt the meanings of any portion of the tender specification or find discrepancies or omission in the drawings or the tender documents issued are in complete or shall require clarification on any of the technical aspect, scope of work etc., he shall at once contact the authority inviting the tender for clarification before the submission of the tender.
- 1.6. Bidder must fill up all the schedules and furnish all the required information as per the instructions given in various sections of the tender specification. Each and every page of the Tender Specification must be signed and submitted along with the offers by the bidder in token of complete acceptance thereof. The information's furnished shall be completed by itself.
- 1.7. The bidders shall quote the rates for each item of the tender schedules in rupees and paise only. These rates shall be entered in figures as well as in words. In case of any difference in the rates quoted in figures and in words, words will be taken as the tendered rate.
- 1.8. All entries in the tender documents should be in one ink. Over-writing and corrections should be avoided. The Bidders concerned should duly sign for all corrections and over-writings.

#### **2.0 DATA TO BE ENCLOSED:**

- 2.1. Full information shall be given by the bidder in respect of the following. Non-submission of this information may lead to rejection of the offer.
- 2.2. An attested copy of the Power of Attorney, in case the tender is signed by an individual other than the sole proprietor, shall also be attached. (If it is a Company or Firm, etc., Director/Managing Partner as the case may be is required to sign).

### **2.3. IN CASE OF AN INDIVIDUAL:**

His full name, address and place and nature of business shall be indicated.

### **2.4. IN CASE OF PARTNERSHIP FIRMS:**

The names of all the partners and their addresses be furnished along with a copy of the partnership deed/instrument of partnership duly certified by Notary Public shall be enclosed.

### **2.5. IN CASE OF COMPANIES:**

Date and place of registration including date of commencement certificate in case of public companies (certified copies of Memorandum and Articles of Association are also to be furnished) are to be furnished.

**2.6.** Nature of business carried on by the Company and the provisions of the Memorandum relating there of shall be furnished.

**2.7.** Names and particulars including addresses of the Directors and their previous experiences shall be furnished.

**2.8.** In addition to the above, the particulars required in annexure shall also be furnished.

### **3.0 EARNEST MONEY DEPOSIT ( EMD ) :**

**3.1.** EMD shall be in the form of DD/Pay order. Bidders who had already remitted one time EMD (Rs.Two lakhs) should furnish the details of cash receipt No with a covering letter. Tender without EMD / without reference to one time EMD will be summarily rejected. In case of Demand Draft or Pay order, the same shall be drawn in favour of " **BHEL, Ranipet** " payable at any scheduled Bank at Ranipet-632406 or Walajah or Arcot of Vellore District, Tamilnadu (or) SBI, BHEL Project, Mukundarayapuram Branch (Code: 7013), Ranipet -632 406, Vellore District, Tamilnadu..

**3.2.** "No interest shall be payable by BHEL on Earnest Money or Security Deposit, if applicable, or any money due to the Contractor by BHEL."

**3.3.** Tenders received without Earnest Money in full in the manner prescribed above are liable to be rejected.

**3.4.** The Earnest Money Deposit of the successful tenders may be retained towards part of Security Deposit.

**3.5.** In the case of unsuccessful bidders, the Earnest Money will be refunded to them within a reasonable time after finalization of the tender.

**3.6.** Earnest Money Deposit by the bidder will be forfeited as per tender documents if the bidder :

- (i) Fails to communicate unqualified acceptance of Letter of Intent within 15 days of date of Letter of Intent.
- (ii) Does not commence the work within the period as per LOI / Contract. In case the LOI/Contract is silent in this regard then within fifteen days after award of contract.
- (iii) After opening of Tender, revokes / withdraws his tender within the validity period or revises / alters his earlier quoted rates / conditions.

- (iv) Fails to submit Security Deposit as indicated in the Letter of Intent.

### **3.7 AUTHORISATION AND ATTESTATION:**

Tenders shall be signed by persons duly authorized /empowered to do so. Certified copies of such authority and relevant documents shall be submitted along with the tenders.

### **3.8 VALIDITY OF OFFER:**

The rates in the Tender shall be kept open for acceptance for a minimum period of THREE MONTHS from the date of tender opening. In case the Bharat Heavy Electricals Limited calls for negotiations such negotiations shall not amount to cancellation or withdrawal of the original offer, which shall be binding on the bidders.

### **3.9 EXECUTION OF CONTRACT:**

The successful bidder's responsibility under this contract commences from the date of issue of the Letter of Intent by Bharat Heavy Electricals Limited. The successful bidder shall be required to execute an agreement in the **prescribed form** with BHEL within a reasonable time after the acceptance of his tender and in any case before submitting the first bill for payment. The expenses for completion, stamping and registration of the agreement with prescribed authority, if necessary, shall be borne by the Contractor.

### **4.0 SECURITY DEPOSIT ( SD):**

- 4.1 Upon acceptance of tender, the successful bidder within the time specified in the letter of intent must deposit the required amount of Security Deposit for satisfactory execution of work and shall not commence work under this contract before remitting security deposit except as directed by BHEL.

#### **4.2 The total amount of Security Deposit shall be as follows:**

- 4.2.1 In the case of work costing up to Rs.10 lakhs – 10% of the quoted value.  
4.2.2 In the case of work costing Rs.10 lakhs to Rs.50 lakhs – Rs.1 lakh plus 7.5% of the amount exceeding Rs.10 Lakhs.  
4.2.3 In the case of work costing more than Rs.50 Lakhs – Rs.4 lakhs plus 5% of the amount exceeding Rs.50 Lakhs.

#### **4.3 The Security Deposit may be furnished in any one of the following forms:-**

- 4.3.1 Cash (as permissible under the income tax act).  
4.3.2 Pay order, Demand Draft in favour of BHEL.  
4.3.3 Local cheques of Scheduled Banks, subject to realization.  
4.3.4 Securities available from Post Offices such as National saving 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 discharged on the back).  
4.3.5 Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the companies act subject to a maximum of 100% of the total security deposit value. Balance has to be remitted either by cash or in the other form of security. The Bank Guarantee format should have the approval of BHEL.

- 4.3.6 Fixed Deposit Receipt (FDR) issued by Scheduled Banks / Public Financial Institutions as defined in the companies act. The FDR should be in the name of the contractor, account BHEL, duly discharged on the back.
- 4.3.7 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 (as Bank Guarantee or Demand Draft) should be remitted before start of the work and balance 50% may be recovered from the running bills till the full Security Deposit is made up.
- 4.3.8 EMD of the successful bidder may be converted and adjusted against the security deposit on specific request by the contractor.
- 4.3.9 Acceptance of security deposit as per clause 4.3.4 and 4.3.6 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.
- 4.3.10 If the value of the work done at any time exceeds the accepted agreement value, the security Deposit shall be correspondingly enhanced and the extra Security Deposit shall be immediately deposited by the Contractor or recovered from payments due to him.
- 4.3.11 Failure to deposit the Security Deposit within the stipulated time, may lead to forfeiture of Earnest Money and cancellation of the award of work.
- 4.3.12 If any part of Security Deposit of the Contractor is held in the form of approved securities it shall be kept transferred in the name of Bharat Heavy Electricals Limited, Ranipet, in such a manner that the same can be realized fully without referring to the Contractor, BHEL shall not be responsible for any depreciation in the value of the Security while in BHEL's custody or for any loss of interest thereon.
- 4.3.13 BHEL reserves the right to forfeiture of Security Deposit in addition to the other claims and penalties in the event of the Contractor's failure to fulfill any of the Contractual obligation including liquidation or bankruptcy of the contractor, non-payment of money payable by means of arbitration award in favour of BHEL or in the event of termination of Contract as per terms and conditions of Contract. BHEL reserves the right to set off the Security Deposit, against any claims of any other contracts with BHEL.

#### **5.0 RETURN OF SECURITY DEPOSIT:**

If the Contractor performs and completes the work in all respects to the entire satisfaction of BHEL and presents an absolute "No Demand Certificate" in the prescribed form and returns properties belonging to BHEL that were handed over, lent or hired by him for carrying out the said works, Security Deposit will be released to the Contractor, within 30 days after the completion of contract, after deducting all cost of expenses or other amounts that are to be paid to BHEL under this or other contracts entered into with the Contractor. **It may be noted that in no case the Security Deposit shall be refunded/released prior to passing of final bill.**

#### **6.0 REJECTION OF TENDER AND OTHER CONDITIONS**

6.1 The acceptance of tender will rest with BHEL which does not bind itself to accept the lowest tender or any tender and reserves to itself full rights for the following without assigning any

reasons whatsoever.

- 6.1.1 To reject any or all of the bidders.
- 6.1.2 To award the work in part.
- 6.1.3 Either of the contingencies stated in (6.1.1 and 6.1.2) above to modify the time for completion suitably.
- 6.2 Conditional and Un witnessed tenders, tenders containing absurd or unworkable rates and amounts and tenders which are incomplete and otherwise considered defective and tenders not in accordance with the tender conditions, specifications, etc., are liable to be rejected.
- 6.3 If a bidder expires after the submission of his/her tender or after the acceptance of his/her tender, BHEL may at their discretion cancel such tender. If a partner of a firm expires the submission of the tender or after the acceptance of the tender, BHEL may cancel such tender at their discretion unless the firm retains its character.
- 6.4 BHEL will not be bound by any power of Attorney granted by the bidder or by changes in the composition of the firm made subsequent to the execution of the Contract. They may, however recognize such power of Attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.
- 6.5 If the bidder deliberately gives wrong information in his tender, BHEL reserves the right to reject such tender at any stage or cancel the contract, if awarded. The Earnest Money/Security Deposit /any other money due shall also be forfeited.
- 6.6 Canvassing in any form in connection with the tender is strictly prohibited and the tender submitted by the contractor's who resort to canvassing in any form is liable to rejection.
- 6.7 Should a bidder or contractor or in the case of a firm or company of contractor's one or more of its partners/share holders/Directors have a relation or relations employed in BHEL, the authority inviting tender shall be informed of the fact along with the offer, failing this BHEL may, at its sole discretion reject the tender or cancel the contract and forfeit the Earnest Money/Security Deposit.
- 6.8 The successful bidder should not sub-contract the part or complete work detailed in the tender specification undertaken by him without written permission of BHEL. The bidder is solely responsible to BHEL for the work awarded to him.
- 6.9 No deviation from the tender specification shall be acceptable to BHEL. Bidders shall confirm their unqualified acceptance of the terms and conditions by giving an undertaking to this effect in a separate letter as specified by BHEL.

## **7.0 DEFINITION:**

The following terms shall have the meaning hereby assigned to them except where the context otherwise requires.

- 7.1 "**CONTRACTOR**" shall mean the individual, firm or company who enters in to this contract with BHEL and shall include their executors, administrators and successor and permitted assignees.
- 7.2 "**CONTRACT**" or "**CONTRACT DOCUMENT**" shall mean/and include the agreement or work order, the accepted appendices of rates, schedules, quantities, if any and general conditions of contract, the special conditions of contract, instructions to the bidders, the drawings, the technical

specifications, the special specifications, if any, the tender documents and the Letter of Intent/Acceptance Letter issued by BHEL. Any conditions or terms stipulated by the contractor in the tender document or subsequent letters shall not form part of the contract unless specially accepted in writing by BHEL, in the Letter of intent and incorporated in the agreement.

- 7.3 **“ENGINEER”** or **“ENGINEER INCHARGE”** shall mean Engineer who is incharge for the works referred.
- 7.4 **“SITE”** shall mean the place at which the inspection services are to be performed as the specification of this contract.
- 7.5 **“TENDER SPECIFICATIONS”** shall mean the “SPECIFIC CONDITIONS, Technical specifications, appendices, site information’s and drawings” pertaining to the work in which the bidders are required to submit their offer, Individual specification number will be assigned to each tender specification..
- 7.6 **“TENDER DOCUMENTS”** shall mean documents/specifications related to tender.
- 7.7 **“LETTER OF INTENT”** shall mean the intimation by a letter to the bidder that the tender has been accepted in accordance with provisions contained in that letter. The responsibility of the contractor commences from the date of issue of this letter and all the terms and conditions of contract are applicable from this date.

## **8.0 RIGHTS OF BHEL**

BHEL reserves the following rights in respect of this contract without entitling the contractor for any compensation:

1. To get the work done through other agency at the risk and cost of the Contractor, in the event of Contractor’s poor progress, or inability to progress the work, persistent disregard in instruction of BHEL, assignment transfer, subletting of the contract without permission of BHEL, non fulfillment of any contractual obligation etc., and to recover compensation for such losses from the contractor including BHELs supervision charges and overheads from Security Deposit / other dues.
2. To withdraw any portion of work and/or to restrict/alter quantum of work as indicated and get it done through other agency and/or with departmental labour to suit BHEL’s commitment to its customer or in case BHEL decides to advance the date of completion due to other emergency reasons/BHELs obligation to its customer.
3. To recover any money due from the contractor from any money due to the contractor under this contract or any other contract or from the Security Deposit.
4. To terminate the contract or to restrict the quantum of work and pay for the portion of work executed in case BHEL’s contracts with their customers are terminated for any reason.
5. To affect recovery from any amount due to the contractor under this or any other contractor in any other form the moneys BHEL is forced to pay to anybody, due to contractor’s failure to fulfill any of his obligation.
6. To restrict or increase the quantity and nature of work to suit to BHEL requirements since the tender specification is based on preliminary documents and quantities furnished there in are

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indicative and approximate and the rates quoted shall not be subject to revision.

7. To deploy BHEL's suitable employees or inspectors in case of emergency/poor progress/deficiency in skill on the part of employees of contractor's and to recover the expenditure on account of the same from contractor's bills.
8. While every endeavor will be made by BHEL they cannot guarantee un-interrupted work to the contractor due to conditions beyond their control. Contractor will not be entitled for any compensation extra payment on his account.
9. In the event of any dispute of any nature, the decision of BHEL shall be final and binding on the contractor.

**10. RIGHT TO CONTRACT TERMINATION:**

BHEL also reserves the following right in respect of this contract without entitling the contractor for any compensation:

- a) To terminate the contract at any time during the validity period for convenience or on account of non-fulfillment of any term of the Contract or adverse feedback regarding quality of service rendered or for indulging in unethical practices.
- b) To terminate the contract after due notice to cause forfeiting of Security Deposit and recover the loss sustained in getting the balance work done through other agencies in addition to liquidated damages in the event of:
  - 1) Contractor's continued poor progress.
  - 2) Withdrawal from or abandonment of the work before completion of the work.
  - 3) Corrupt act of contractor.
  - 4) Insolvency of the contractor.
  - 5) Persistent disregards to the instructions of BHEL.
  - 6) Assignment transfer, sub-letting of the contract without permission from BHEL.
  - 7) Non-fulfillment of any contractual obligations.

**9.0 RESPONSIBILITIES OF THE CONTRACTOR IN RESPECT OF APPLICABLE LAWS, EMPLOYMENT OF WORKERS Etc.**

The following are the responsibilities of the Contractor in respect of observation of applicable laws including those relating to employment of personnel, payment of taxes etc.

- 9.1 The contractor shall comply with all state and Central Laws, Statutory Rules, Regulations etc., inclusive of those regarding labour and industrial laws which are applicable from time to time and they shall comply with the provisions of the said labour legislations, rules and regulations framed under the provisions of Employees Provident Fund and Miscellaneous Provisions Act 1952 shall be strictly followed.
- 9.2 The contractor shall be responsible for provision of health and sanitary arrangements (more particularly described in Contract Labour Regulation & Abolition Act) safety precautions etc., as may be required for safe and satisfactory execution of the contract.
- 9.3 The contractor shall be responsible for providing proper accommodation including adequate medical facilities for the personnel employed by him.

- 9.4 The contractor shall be responsible for the proper behavior and observance of all regulations by the staff employed by him.
- 9.5 The contractor shall ensure that no damage is caused to any person/property of other parties at working site. If any such damage is caused, it is the responsibility of the contractor to make good the losses or compensate for the same.
- 9.6 The Contractor shall fully indemnify BHEL against all claims of whatsoever nature arising during the course of performing work under the contract.
- 9.7 The contractor shall arrange and co-ordinate his work in such a manner as to cause no hindrance to other agencies working in the same premises.
- 9.8 Contractor shall not stop the work or abandon the site for whatsoever reason or dispute, excepting for force major conditions. All such problems/dispute shall be separately discussed and settled without affecting the progress of work. Such stoppage or abandonment shall be treated as breach of contract and dealt with accordingly.

#### **10.0 SERVICE TAX:**

The Bidder shall not include Service Tax in their quoted rates; but the bidder has to separately indicate the Service Tax rate, amount and workings thereof in the Price bid schedule included in the bid documents.

If service tax amount is not indicated separately in the unprice bid schedule included in the bid documents, it will be presumed that the quoted rate is inclusive of applicable service tax and bids will be evaluated accordingly.

#### **Pure Service not involving any supply of materials by Contractor:**

Bidders have to quote the applicable Service Tax payable in the Price bid format included in the Bid document which shall be considered for evaluation. The same shall be considered for reimbursement against valid documentary evidence to successful bidders.

If any change in Service tax (statutory variation) will be to the account of BHEL. But if the variation is effective during the delayed/extended period of execution for reasons attributable to the vendor, the same shall be borne by the vendor only. The required compliance under relevant statute shall be carried out.

- 11.0** The quoted rates shall also include expenditures towards complying statutory payments like Provident fund, ESI payments, bonus etc for the labourer & staff deployed in the work.
- 12.0** The contractor will have to submit the Service Tax Registration certificate to BHEL and claim the Service Tax from BHEL by submitting Tax invoice as per Rules & Regulations of Service Tax and the documentary evidence will have to be submitted along with the next bill. If for any reason, the contractor has to pay penalty, interest on service tax, the contractor has to bear such additional payment. BHEL will pay only the service tax at actual. **The Bharat Heavy Electricals Limited will not entertain any claim in this regard.**

**13.0** If the bidder find discrepancies or omissions in the tender documents or should be in doubt as to their meaning, he should at once address the authority inviting the tender for clarification. Every endeavor is made to avoid any error which can materially affect the basis of the tender but the successful Bidder shall take up on himself to provide for the risk of any error which may be subsequently discovered and shall make no subsequent claim on account thereof.

**14.0** Quantities shown in the attached schedules are approximate only.

**15.0** All contractors will have to produce Income Tax clearance certificate from the Income Tax authorities concerned along with their tenders. Those contractors whose income is not taxable will be required to give an affidavit of their income on the prescribed form.

**16.0** **The contractor should possess necessary licenses, Permanent PF A/c No, and should take Insurance for his workers and produce them before commencement of work. The Contractor shall insure all his materials, tools, tackles etc. and also for third party.**

**17.0 COMPLIANCE TO REGULATIONS AND BY-LAWS:**

The Contractor shall conform to the provisions of any statute relating to the work and regulations and By-laws of any local authority. The Contractor shall be bound to give all notices required by statute regulations or By-Laws as aforesaid and to pay all fees and taxes payable to any authority in respect thereof.

**18.0** The contractor should submit a copy of the following documents.

- i. Pan card.
- ii. Service Tax registration certificate.

**19.0** The contractor shall indicate all the applicable taxes in the offer and any claim after the issue of contract will not be entertained.

**20.0** In case if any Taxes not applicable, like due to threshold limit etc. Same may be clearly indicated in the offer by the Bidder.

**21.0 Discrepancy in “Words” & “ Figures”:**

21.1.1 If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.

21.1.2 If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and

21.1.3 If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.

21.1.4 If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date up to which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

## **22.0 PAYMENT**

The contractor should submit the invoices (3 copies) together with the inspection report. Vendor performance evaluation report shall be submitted to us once in a month on completion of inspection against each item or order and your payment shall be made through e-mode only, based on these reports. Invoices should have the break up of actual inspection fees. The payment will be paid within **45 days** from the date of submission of relevant accepted invoice and no interest is payable on account of delay in payment. As the payment will be done through e - mode only, the bidder has to fill up **Enclosure -2** (Acceptance for electronic fund transfer/ RTGS transfer) **and** send the same along with technical bid.

22.1 If invoices are not submitted within one month, the same shall also be submitted to BHEL within (max of) three months from the date of inspection of the item to avoid missing of bills and payment on time. **Invoice must have the service tax details such as service tax registration number & service tax head.**

22.2 Agency has to give separate Invoice for inspection charges ie., one for the inspected components reaching BAP- Ranipet and other one for reaching Customer destination. The single invoice must be submitted for each category.

22.3 BHEL shall have the right, but not the duty, to demand any document, receipt etc relating to, or establishing the proof of, the compliance by the Contractor of any of the applicable Laws, including but not limited to labour and tax laws. You shall produce such document, receipt etc., immediately on receipt of such demand.

## **23.0 INCOME TAX:**

Income tax, as applicable, will be deducted at source at the rate applicable in accordance with statutory guidelines.

## **24.0 CONFIDENTIALITY:**

The Parties agree and acknowledge that in the course of their discussions and interaction, BHEL may disclose information of confidential and proprietary nature relating to its business, products, know-how, technology, customers, employees and financial position or other information to you. Such information shall be considered and kept confidential at all times.

The Contractor agrees not to disclose the same to any party other than its employees or authorized personnel strictly on a need to know basis for the execution of the work under this Contract.

## **25.0 STATUTORY REQUIREMENT**

All laws, including but not limited to labour laws like PF etc., as applicable to you either existing or enacted in future shall be strictly complied by you. Safety, Provident fund, ESI, Insurance and all statutory requirements and BHEL rules and regulations are to be taken care by you. BHEL is not responsible for any injury or damage that is caused to your staff during the execution of inspection or otherwise. The Contractor shall pay for damages, claims, fines, penalties and expenses of whatever nature arising or resulting from the violation of such laws by the contractor or its personnel. The Contractor shall fully indemnify and keep indemnified BHEL against all claims of whatsoever nature including claims from any personnel of the Contractor or any third party arising during the course of execution of work.

**26.0** Time is of the essence of work under the Contract.

**27.0** Contractor shall indemnify and keep indemnified BHEL, its other contractors and/or subcontractors and its/their employees from all actions, proceedings, suits, claims, demands, liabilities, damages, losses, costs, charges, expenses, judgments and fines arising out of or in the course of, or caused by the execution of work under the Contract or other obligations hereunder directly or indirectly associated herewith which may arise due to:

- a. breach of law by the Contractor, or any of its sub-contractor, or any of their respective employees.
- b. negligence or willful default by the Contractor, or any of its sub-contractor, or any of their respective employees.
- c. breach/ infringement by the Contractor, or any of its sub-contractor, or any of their respective employees of any intellectual property right;
- d. loss of property or death of any employee of BHEL or of its other contractors/ sub-contractors.

The above shall be without prejudice to any other remedy that may be available to BHEL whether as per law, contract, equity or otherwise.

**28.0** Failure by BHEL to insist upon strict performance of any terms or conditions of this Contract, or failure or delay to exercise any rights or remedies provided herein or by Applicable Laws, or failure to properly notify the Contractor in the event of breach, or the acceptance of or payment for work or otherwise, shall not release the Contractor from any of the obligations under this Contract and shall not be deemed a waiver of any right of BHEL to insist upon strict performance hereof or any of its rights or remedies as to any prior or subsequent default hereunder nor shall any termination of this Contract by BHEL operate as a waiver of any of the terms hereof.

**29.0** BHEL shall, at its discretion, recover any compensation or other sums of money payable by the Contractor to BHEL under the terms of this Contract or any other contract with BHEL or Applicable Laws from the Security Deposit or by the sale of the securities or from the interest arising there from or from any sums which may be due or may become due to the contractor by BHEL. In the event of this Security Deposit being deducted by reason of such deductions or sale, as aforesaid, the Contractor shall within Seven (7) Days thereafter, make good in cash or in securities endorsed as aforesaid, any sum by which the Security Deposit has been reduced. Without prejudice to the above, BHEL shall have the discretion to ask the Contractor to make the payment to BHEL on demand.

- 30.0** The terms and conditions of the Tender Documents and the LOI shall be deemed to have been incorporated into this Agreement. Wherever the Tender Documents and the LOI are repugnant to terms and conditions of this Contract, the terms and conditions of this Contract shall prevail.
- 31.0** The Contractor shall perform the obligations in the Contract with all due diligence and efficiency in accordance with generally accepted professional techniques and practices.
- 32.0** Notwithstanding anything to the contrary, the Contractor shall be liable for any loss, damage, cost, fee, etc. incurred by BHEL, whether direct or indirect due to the failure or breach or omission by the Contractor in performing the obligations under this Contract.

**33.0 JURISDICTION:**

Dispute if any with BHEL shall be referred to Arbitration at Ranipet. The Unit Head of BHEL-Ranipet or his nominee will be the sole arbitrator. Subject to this, the courts at Ranipet, Tamil Nadu alone shall have the exclusive jurisdiction.

**CERIFICATE OF NO DEVIATION**

I / We ..... of M/s ..... Hereby  
certify that **there is no deviation** from the tender conditions either technical or commercial and I am /  
We are agreeing to all the terms and conditions mentioned in the Tender Specification.

Date:

**Signature of the Bidder**

## SECTION IX

### UN-PRICE BID

1	2	3	4	5	6	7	8
Category	Activity / Description	Estimated quantum for 2015-2017	Unit	Rate per unit In figure	Amount in Rs. (Col 3 x 5)	Service Tax %	Total in Rs (Col 6+7)
				In words		ST amount in Rs.	
I	Inspection of General Fabrication of Boiler or Boiler Auxiliaries where complete drawings are supplied by BHEL and materials will be either supplied by BHEL or procured by the vendors	299157 MT	Rate per MT	Quoted	Quoted		Quoted
				Quoted	Quoted	Quoted	Quoted
II	Inspection of machined components of Boiler or Boiler auxiliaries for which complete drawings are supplied by BHEL and materials will be either supplied by BHEL or procured by the vendors	2850 lakhs (PO Value)	Rate in % age of PO Value	Quoted	Quoted		Quoted
				Quoted	Quoted	Quoted	Quoted
III	Inspection of shot blasting and painting, nitriding, galvanizing for Boiler or Boiler auxiliaries.	19.38Lakhs (PO Value)	Rate in % age of PO Value	Quoted	Quoted		Quoted
				Quoted	Quoted	Quoted	Quoted
IV	Inspection of Jigs, Fixtures and other tooling Jobs ordered by BHEL against BHEL drawing and the materials under the scope of vendor.	100 lakhs (PO Value)	Rate in % age of PO Value	Quoted	Quoted		Quoted
				Quoted	Quoted	Quoted	Quoted
<b>GRAND TOTAL IN RS</b>							Quoted

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**Note:**

1. The tenderer has to fill applicable service tax percentage **only in column No. 7.**
2. This un-price bid should be submitted along with technical bid
3. The amount should be quoted only in the price bid and to be submitted in a separate sealed cover along with the tender.

**Signature with Seal of Authorized Signatory**

# **TENDER DOCUMENT**

**TENDER NOTICE NO: BAP: QC:AIA:012 DT: 11.08.2015.**

<b>Name of work</b>	Third Party Inspection Services for outsourcing Items(Sub Contracted items) which includes fabricated items, Machined items, tools, jigs and fixtures, along with inspection of painting, Galvanizing, nitriding etc as specified in the technical bid.
<b>Period of Contract</b>	Two Years

Issued to M/s. :

## **PART – II – PRICE BID (Pages 42 to 44)**



**QUALITY CONTROL/OFFLOADING INSPECTION(QC/OLI**

**QUALITY DEPARTMENT**  
**BHARAT HEAVY ELECTRICALS LIMITED**  
( A Government of India Undertaking )  
**BOILER AUXILIARIES PLANT**  
**INDIRA GANDHI INDUSTRIAL COMPLEX**  
**RANIPET - 632 406**

## **PRICE BID**

## **BILL OF MATERIAL**

**Name of Work** : Third Party Inspection Services for outsourcing Items (Sub Contracted items) which includes fabricated items, Machined items, tools, jigs and fixtures, along with inspection of painting, Galvanizing, nitriding etc as specified in the technical bid.

**Period of Contract** : Two Years.

**Tender Notice No** : **BAP: QC:OLI:AIA:012 DT: 11.08.2015**

### **Note:**

1. If service tax is applicable, then the rate of service tax shall be clearly indicated. The service tax paid shall be fully reimbursed by BHEL, on submission of proof for payment of Service Tax receipt along with the monthly invoice.
2. If not specified in the tender, the same will be treated as inclusive of service tax.

**PRICE BID**

**Enquiry Ref: BAP:QC:OLI:AIA:012**

1	2	3	4	5	6	7	8
Category	Activity / Description	Estimated quantum for 2015-2017	Unit	Rate per unit	Amount in Rs. (Col 3 x 5)	Service Tax %	Total in Rs (Col 6+7)
				In figure		ST amount in Rs.	
				In words			
I	Inspection of General Fabrication of Boiler or Boiler Auxiliaries where complete drawings are supplied by BHEL and materials will be either supplied by BHEL or procured by the vendors	299157 MT	Rate per MT				
II	Inspection of machined components of Boiler or Boiler auxiliaries for which complete drawings are supplied by BHEL and materials will be either supplied by BHEL or procured by the vendors	2850 lakhs (PO Value)	Rate in % age of PO Value				
III	Inspection of shot blasting and painting, nitriding, galvanizing for Boiler or Boiler auxiliaries.	19.38Lakhs (PO Value)	Rate in % age of PO Value				
IV	Inspection of Jigs, Fixtures and other tooling Jobs ordered by BHEL against BHEL drawing and the materials under the scope of vendor.	100 lakhs (PO Value)	Rate in % age of PO Value				
<b>GRAND TOTAL IN RS</b>							

**Note: L1 will be decided based on the lowest quoted value in each category -I, II, III & IV**

**ANNEXURE A**

<b>Bharat Heavy Electricals Limited</b>			
<b>BAP, Ranipet</b>			
<b>Quality Control – Off Loading Inspection</b>			
<b>Stages of inspection at Outsourcing vendor works</b>			
<b>I. Product: All CUT TO SIZES</b>		<b>VENDOR</b>	<b>AIA</b>
Number of Inspection stages 4			
1	Dimension check	√	√
2	Power Tool cleaning	√	√
3	Measurement of Painting thickness and verification of painting schedule	√	√
4	Final inspection (W.O. identification / stenciling, Match marks punching)	√	√
<b>II. Product: STRAIGHT DUCTS, PROFILED DUCTS</b>			
Number of stages: 9			
1	Fit up	√	√
2	Back Gouging / LPI	√	√
3	Stiffener side welding & Dimension check of Individual walls	√	√
4	Trial Assembly ( FOR NEW VENDORS )	√	√
5	Inside Cleaning		
6	Measurement of Painting thickness and verification of Painting schedule	√	√
7	Outside cleaning	√	√
8	Measurement of Painting thickness and verification of Painting schedule	√	√
9	Final Inspection (W.O.Identification/ Stenciling, Match marks punching )	√	√
<b>III. Product: WELDED BEAMS / ROOF BEAMS</b>			
Number of Stages : 9			
1	Fit up	√	√
2	Back Gouging / LPI	√	√
3	Forwarding RT (If applicable)	√	√
4	Section Fit up	√	√
5	MPI of Auto welding A& B sides and butt joint	√	√
6	Dimension check (Trial assy for LR Beam)	√	√
7	Surface Preparation	√	√
8	Measurement of painting thickness and verification of painting schedule.	√	√
9	Final Inspection (W.O.Identification/ Stenciling, Match marks punching )	√	√

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<b>I. Product: BRACINGS</b>			
Number of stages 5			
1	Fit up	√	√
2	Back Gouging / LPI	√	√
3	Surface Preparation		
4	Measurement of painting thickness and verification of painting schedule.	√	√
5	Final Inspection (W.O.Identification/ Stenciling, Match marks punching )	√	√

<b>II. PRODUCT: COLUMN</b>			
Number of Stages : 9			
1	Fit up	√	√
2	Back Gouging / LPI	√	√
3	Rib Plate LPI	√	√
4	Base and Top Plate / Fit up	√	√
5	X48 stool inner weld witness	√	√
6	Individual column piece dimension	√	√
7	Base plate all round LPI	√	√
8	Measurement of painting thickness and verification of painting schedule.	√	√
9	Final Inspection (W.O.Identification/ Stenciling, Match marks punching )	√	√
<b>III. PRODUCT: MACHINING COMPONENTS</b>			
Number of stages: 4			
1	Raw material (if applicable)	√	√
2	Seal transfer (if applicable)	√	√
3	Dimension check	√	√
4	Stamping & Identification	√	√

√ - These stages are to be checked by both vendor & AIA

(1) AIA shall inspect for blast cleaning.

(2) For special painting intermediate coat inspection by AIA is required.

(3) While signing IR, the drawing rev. no indicated in the IR shall match with Latest rev.no of production drawing.

## **Annexure – B**

### **GENERAL TERMS AND CONDITIONS OF REVERSE AUCTION**

BHEL may resort to “REVERSE AUCTION PROCEDURE”, i.e., ON LINE BIDDING ON INTERNET.

1. BHEL reserves the right to conduct reverse auction, provided the techno-commercially acceptable bidders are at least four in numbers.
2. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on Internet.
4. BHEL will inform the vendor in writing in case of reverse auction. The details of Service provider to enable them to contact & get trained.
5. Business rules like event date, time, start price, bid decrement, extensions etc. Also will be communicated through service provider for compliance.
6. Venders have to fax the compliance form in the prescribed format (provided by Service provider) before start of Reverse auction. Without this, the vendor will not be eligible to participate in the event.
- 6 BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to “enter the lowest cost for each category and also service tax for each of the bidder to enable them to fill – in the price and keep it ready for keying in during the Auction.
- 7 Reverse auction will be conducted on scheduled date & time.
8. At the end of Reverse Auction event, the lowest bidder value will be known on the network.
- 9 The lowest bidder has to Fax the duly signed Filled in prescribed format as provided on case to case basis to BHEL through Service provider within 24 Hours of auctions without fail.
- 10 Any variation between the on–line bid value and the signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
11. In case, BHEL decides not to go for Reverse Auction procedure for this tender Enquiry, the price bids and impacts, if any, already submitted and available with BHEL shall be opened as per BHEL’ s standard practice.