

BHARAT HEAVY ELECTRICALS LIMITED
MM/RM/PURCHASE/STEEL

Ref: MM: Pur: CS Plates

Dt: 26.10.2017

Pre-Qualification requirements (PQR) for the procurement of Carbon Steel Plates of SA515 Gr70 through Open Tender (As per TDC: 0:202 Rev 08)

A) Organizational Capability:

1. Manufacturers having Plate rolling mill are only eligible to participate. Offer from traders, fabricators, re-rollers and stockists are not acceptable and will not be considered for evaluation. Vendor to indicate the nature of the firm. Product catalogue shall be submitted.
2. Suppliers without basic manufacturing facilities in-house, shall not be considered for evaluation. In house facilities for Heat treatment & Non-Destructive Testing are mandatory requirements for consideration of the offer.
3. If the supplier is not having steel making facility then source of raw material for the manufacturing shall be from IBR approved well known steel maker or certified by IBR approved inspecting authority (Form-IV to be attached). *If the supplier is dependent on more than one source for steel making, all the sources should be indicated; and the supplies should be restricted to the indicated list of raw material suppliers.* For the submitted raw material sources, the supplier shall confirm that the raw material test certificate/s will be furnished along with product test certificate/s.
4. Chemical, Mechanical testing shall be done in house or at Labs certified as per ISO 17025 or Government approved labs.
5. Suppliers shall submit a valid ISO 9001 certificate or Quality management system certificate or Written down procedure.
6. Suppliers shall submit filled in Spot Visit Check list (Format enclosed).
7. BHEL reserve the right to inspect the item ordered at any stage at vendor's works and if found not meeting the stipulated conditions, material is liable for rejection.
8. BHEL reserves the right to inspect the first lot of materials at vendor's works for giving clearance before bulk production.

B) Technical Competence:

1. Point by point confirmation to the TDC requirements is mandatory for consideration of offer and signed TDC shall be submitted.
2. Suppliers shall submit the list of facilities available at the mill (Raw material to finished product) to meet the TDC requirements along with technical bid.





3. Suppliers shall submit the experienced manpower details specific to Manufacturing, Quality and NDE requirements.

C) Past Experience/ Performance:

1. Suppliers shall indicate their annual installed capacity for the tendered specifications & it shall be more than the tendered quantity.
2. Suppliers shall have supplied Plates to the tendered specification. Details of supplies made in recent past detailing the quantity, Specification, size & customer details, year wise along with the unpriced PO copies, proof of supply (such as Invoice / bill of lading copies and test certificates) covering minimum and maximum sizes for the tendered specifications shall be submitted.

D) Financial Soundness:

1. Indigenous suppliers shall submit Audited copies of annual reports/complete set of annual accounts for the last four years (or from date of incorporation whichever is less).
2. Import suppliers shall submit latest D&B report.

Necessary supporting documents shall be submitted for meeting each of the above Pre-Qualification Criteria for evaluation of the offers.

BHEL reserves the right to consider/Not-consider the offers based on the evaluation of documents submitted for the above Pre-Qualification Criteria. BHEL also reserves the right to have on-site assessment of the facilities at supplier's works during the bid evaluation.


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Record of revisions:

- Rev 04: 18/07/2008 Cl 1.0 to Cl 6.0 modified.
Rev 05: 02/02/2011: SA387 Gr 91 Class 2 added, Cl 2.0, 3.0, 5.0, 6.0, 9.0, and 10.0 modified.
Rev 06: 28/06/2014 Cl 1.0: Material spec SA516 included. CL 3.0 and 5.0 modified.
Rev 07: Dt: 27/04/2016 – Cl 1 modified; Cl 3- Heat treatment temperatures revised; Cl 4 to 8- modified; Cl 10- revised as per latest IBR requirements.
Rev 08: 04/10/2017: Cl 2 (b), 2 (d), 10 (iii), 10(v) modified and Cl 5.0 (e), 10 (c) & 10 (d-ix) added.

1.0 MATERIALS

- Specification : ASME (Latest as on the date of Enquiry or PO, whichever is earlier)
Carbon steel (CS) : SA515 Gr.70, SA516 Gr.70
Alloy Steel (AS) : SA387 Gr.12 Class 2, Gr. 22 Class 2, Gr. 91 Class 2
Additional Requirements : As listed below (Supplementary to the above material specifications)
Size and Quantity : As per Purchase Order (PO)

2.0 CHEMICAL COMPOSITION & PROCESS

- a) All plates shall be of Fully Killed steel.
b) *Drum* plates shall be Vacuum Degassed. (S1 of SA20).
c) Final rolling: Length-wise.
d) *Plates may be made from ingots or strand cast slabs.* Reduction ratio in thickness from slab/ingot to plate shall be at least 3:1.
Sufficient "Top of Ingot" to be discarded to ensure plate free of segregation. After top discard, the increase in Carbon content at the top-mid width, mid thickness of the plate shall not exceed 20% of the reported ladle analysis value. This value shall be reported in Test Certificate.
e) Ladle analysis: 1 sample per cast; Product analysis: Min.1 sample per plate as rolled.
Max. Carbon: CS: 0.25%. Max. Carbon Equivalent for Carbon Steel: As per S20 of SA20.

3.0 HEAT TREATMENT (HT) (as delivered condition)

Materials	Heat Treatment Temperature (°C)	
	Normalising	Tempering
CS: SA 515 Gr 70, SA 516 Gr 70	880-920	-
AS: SA387 Gr 12 Class 2	920-960	650-700
AS: SA387 Gr 22 Class 2	920-960	680-750
AS: SA387 Gr 91 Class 2	1040-1080	750-780

4.0 SIMULATION HEAT TREATMENT for test coupons in addition to Cl.:3.0 (For CS Drum plates only as indicated in the Enquiry/PO):

Normalizing: 880-920°C, Stress Relieving (SR): 615±10°C, 3 hr/inch of thick (t), furnace cool to 400°C;
ROH/ROC for SR: <220°C/hr divided by t in inches, but need not be slower than 55°C/hr.

5.0 MECHANICAL TESTS (In simulation heat treated condition for CS Drum plates and in as delivered condition for other CS plates & all AS plates):

Extent of test: For each rolled/mother plate.

- a) Tensile Test
b) Bend Test: Angle of bend: 180 deg. Diameter of the Mandrel = 2xThickness of the plate as rolled.
c) High temperature tensile test for carbon steel drum plates shall be as per S7 of SA 20. Min yield strength at 350°C: 19.7 kg/mm².
d) For Gr 91 - Hardness: 195 – 250 HBW, Tensile strength: Min: 630 MPa, Yield Strength: Min: 450 MPa.
e) *Creep testing and reporting shall be carried out as indicated below (only for IBR application).*

CREEP TESTING REQUIREMENTS

Creep testing is required as per IBR for all alloy steels of pressure parts used in boilers (Fossil & HRSG/CFBC/BFBC Boilers) being erected in India. Creep testing shall be done in line with the following:

If starting raw material (Ingot/Slabs) is sourced from indigenous steel makers, supplier shall produce the Creep test report for each material grade being supplied by them as per the Table 1 given below:

- a) *Creep testing shall be done at National Metallurgical Laboratory, Jamshedpur or Corporate Research & Development Laboratory of Bharat Heavy Electricals Limited, Hyderabad for indigenous suppliers.*
b) *In case the plate supplier sources the slab/ ingots from more than one source, the creep tests shall be done for all the sources from whom they would source the slab/ ingots for BHEL supply.*

	BHEL – Tiruchirappalli - 620014, India. Quality Assurance Department TECHNICAL DELIVERY CONDITIONS	DOC No: TDC:0:202 Rev No: 08 Effective Date: 04/10/2017 Page: 2 of 3
Product: BOILER QUALITY STEEL PLATES AS PER SA 515, SA 516 & SA 387 SPECIFICATIONS		

- c) Creep testing shall be done as per ASTM E139 or BS EN ISO 204.
- d) Acceptance Criteria: The samples tested shall not rupture and shall meet the requirement of 1,000 hours of creep testing at indicated temperatures & stress values as per Table 1.
- e) Reporting: The following shall be made available in creep test report:
Product form, Material Specification, Raw Material source, heat/melt number, Heat treatment details, testing laboratory, Test start date & time, Test end/reporting date & time, Test duration, temperature, stress value, testing method/ Standard, Sample size, number of samples, test result and acceptance criteria.

Table 1. Creep Testing Requirements

Sl. No.	Steel Type and Grade	Testing hours – min. (hrs.)	Testing Temperature (°C)	Stress Value (MPa)	% Elongation	No. of tests & Specimen Size
1	Alloy Steels (AS) – Grade 12 and Grade 22	1000	550	100	shall be within 0.01%	Two no. of tests with preferably M10 round sample
2	Alloy Steels (AS) – Grade 91	1000	600	120	shall be within 0.01%	Two no. of tests with preferably M10 round sample

Suggested/Recommended Format for Reporting the Creep Testing Data:

Sl. No.	Description	Details
1	Name and Address of the Product Manufacturer	
2	Name and Address of the Steel Maker (slab/ ingot)	
3	Heat treatment details (Temperature, creep hours)	
4	Testing method/ Standard (ASTM E139 or BS EN ISO 204)	
5	Material Specification & Grade	
6	Heat No.	
7	Test Start Date & Time	
8	Test Sample Size	
9	No. of test samples	
10	Temperature at which Test is conducted (°C)	
11	Stress value observed (MPa)	
12	Elongation at the Reporting/completion of test	
13	Test End Date/Reporting & Time	
14	Name and Address of Testing Laboratory	
15	Test witnessed by	
16	Test Result (Accepted/Not Accepted)	

6.0 NON DESTRUCTIVE TEST (For all plates of thickness >10mm)

Ultrasonic test: As per SA578. Acceptance: Level B.

7.0 DIMENSIONAL CHECKS

All dimensions shall be as per PO. Tolerance on thickness of plates shall be positive only.

8.0 REPAIRS AND FINISH

Plates to be free of mill scales, edge crack & other injurious defects. Repairs by fusion welding are prohibited. Mechanical removal of defects are permitted subject to availability of min. thickness & smooth surface.

9.0 MARKING

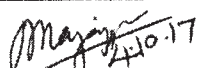
- Specification, grade, Melt number, Size, Plate number, Maker's emblem/ code and Inspecting Authority's seal to be stamped on each plate.
- For plates of thickness > 6mm, marking shall be by stencilling & steel die stamping
- For plates of thickness ≤ 6mm, marking shall be by stencilling & steel die stamping using low stress on each plate & bordered by white paint.
- In addition, for SA387, each plate shall be legibly stamped with the letter N to indicate for normalised and tempered plate. Rolling direction shall be marked by paint. PO No., "BHEL - Tiruchirappalli" & weight to be painted on the product.



Product: BOILER QUALITY STEEL PLATES AS PER SA 515, SA 516 & SA 387 SPECIFICATIONS

10.0 INSPECTION AND CERTIFICATION:

- a. Products shall be inspected at works & the test certificates (in English only) countersigned by Inspecting Authority as below:
- ☐ **Imported:** Inspecting Authority approved by IBR for the country of origin (to be concurred by BHEL).
 - ☐ **Indigenous Supply:** Director of Boilers/Chief Inspector of Boilers/Inspecting Authority approved by IBR, for the respective state.
- b. All the products shall be accompanied by IBR Form-IV (for IBR well-known steel makers & others) and manufacturer's mill test certificate (in English only) supplied against every purchase order.
- c. *For Non-IBR application, Form IV is not applicable and certification shall be as per EN 10204 3.1*
- d. Additionally, manufacturer's test certificate shall be submitted meeting all the requirements contained in the purchase order, this TDC, and the applicable ASME Specification with the following details:
- i. Purchase Order No (BHEL), TDC No & Rev No, Test certificate number & Date, Quantity.
 - ii. Specification and Grade with applicable year of code, Heat Number, Plate number.
 - iii. Steel making process, Chemistry including incidental elements - Ladle and Product analysis *[as per Cl 2(d) & 2(e)]*.
 - iv. Heat Treatment details of material and test coupons like temperature, soaking time, cooling medium etc.
 - v. The *certification of reduction ratio in thickness $\geq 3:1$ from a strand-cast slab/ingot to plate shall be reported in the test certificate.*
 - vi. Mechanical, NDE & other test results with reference & acceptance standards.
 - vii. Print of the stamp of Inspecting Officer, which is used on the plate.
 - viii. The manufacturer shall furnish a certificate of compliance stating that the plates have been manufactured, inspected, and tested in accordance with the requirements of the applicable product specification.
 - ix. *Creep test report as per the format suggested in Cl 5 of this TDC (applicable only for IBR application).*

 04.10.2017	 04/10/17	 04/10/2017	 04.10.17	 04/10/17	 04/10/17
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Prepared By	Reviewed By				Approved By

BHEL recently received guidelines from Govt. Of India and Central Vigilance Commission and we have been asked to comply with the guidelines with regard to dealings with Indian Agent/Foreign Agent of Foreign Suppliers.

1. Mandatory submission of an Agency Agreement

- 1.1 It shall be incumbent on the Indian agent and the foreign principal to adhere to the relevant guidelines of Government of India, issued from time to time.
- 1.2 The Agency Agreement should specify the precise relationship between the foreign OEM/foreign principal and their Indian agent and their mutual interest in the business. All services to be rendered by agent/associate, whether of general nature or in relation to the particular contract, must be clearly stated by the foreign supplier/Indian agent. Any payment, which the agent or associate receives in India or abroad from the OEM, whether as commission or as a general retainer fee should be brought on record in the Agreement and be made explicit in order to ensure compliance to laws of the country.
- 1.3 In the absence of any agency agreement, BHEL shall not deal with any Indian agent (authorized representatives / associate / consultant, or by whatever name called) and shall deal directly with the foreign principal only for all correspondence and business purposes.
- 1.4 Agents will file an authenticated Photostat copy duly attested by a Notary Public / Original certificate of the Principal confirming the agency agreement and giving the status being enjoyed by the agent and the commission / remuneration / salary / retainer ship being paid by the principal to the agent.
- 1.5 Wherever the Indian representatives have communicated on behalf of their principals and the foreign parties have stated that they are not paying any commission to the Indian agents, and the Indian representative is working on the basis of salary or as retainer, a written declaration to this effect should be submitted by the Foreign Principal.

2. Disclosure of particulars of agents / representatives in India

2.1 Tenderers of Foreign nationality shall furnish the following details:

- 2.1.1 The Bidder(s) / Contractor(s) of foreign origin shall disclose the name and address of the agents / representatives in India if any and the extent of authorization and authority given to commit the Principals. In case the agent / representative be a foreign Company, it shall be confirmed whether it is existing Company and details of the same shall be furnished.
- 2.1.2 The amount of commission / remuneration included in the quoted price(s) for such agents / representatives in India.
- 2.1.3 Confirmation of the Tenderer that the commission / remuneration, if any, payable to his agents / representatives in India, paid in Indian Rupees only.

2.2 Tenderers of Indian Nationality shall furnish the following details:

2.2.1 The Bidder(s) / Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any, indicating their nationality as well as their status, i.e. whether manufacturer or agents of manufacturer holding the Letter of Authority of the Principal specifically authorizing the agent to make an offer in India in response to tender either directly or through the agents / representatives.

2.2.2 The amount of commission / remuneration included in the price(s) quoted by the Tenderer for himself.

2.2.3 Confirmation of the foreign principals of the Tenderer that the commission / remuneration, if any, reserved for the Tenderer in the quoted price(s), paid in India in equivalent Indian Rupees on satisfactory completion of the Project or supplies of Stores and Spares in case of operation items.

2.3 Failure to furnish correct and detailed information as called for in paragraph 2.1 & 2.2 above will render the concerned tender liable to rejection or in the event of a contract materializing, the same liable to termination by BHEL Besides this there would be a penalty of banning business dealings with BHEL or damage or payment of a named sum.

Please furnish the above information immediately

INTEGRITY PACT

Between

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi – 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for

_____. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

- 1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - 1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - 1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - 1.1.3 The Principal will exclude from the process all known prejudiced persons.
- 1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 – Commitments of the Bidder(s)/ Contractor(s)

- 2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 - 2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved

in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

- 2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- 2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4 The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- 2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

Section 4 – Compensation for Damages

- 4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/Bid Security.
- 4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

Section 5 – Previous Transgression

- 5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 – Equal treatment of all Bidders/ Contractors/ Sub-contractors

- 6.1 The Bidder(s)/ Contractor(s) undertake(s) to obtain from all subcontractors a commitment consistent with this Integrity Pact and report Compliance to the Principal. This commitment shall be taken only from those sub-contractors whose contract value is more than 20 % of Bidder's/ Contractor's contract value with the Principal. The Bidder(s)/ Contractor(s) shall continue to remain responsible for any default by his Sub-contractor(s).
- 6.2 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
- 6.3 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 – Criminal Charges against violating Bidders/ Contractors /Sub-contractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 –Independent External Monitor(s)

- 8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

- 8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.
- 8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality.
- 8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- 8.5 As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or heal the situation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
- 8.6 The Monitor will submit a written report to the CMD, BHEL within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.
- 8.7 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.
- 8.8 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant IPC / PC Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the

Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.9 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.

8.10 The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

9.1 This Pact begins and shall be binding on and from the submission of bid(s) by bidder(s). It expires for the Contractor 12 months after the last payment under the respective contract and for all other Bidders 6 months after the contract has been awarded.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 – Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal

(Office Seal)

For & On behalf of the Bidder/ Contractor

(Office Seal)

Place-----

Date-----

Witness: _____

(Name & Address) _____

Witness: _____

(Name & Address) _____

CHECK LIST FOR SPOT VISIT-STEEL				
DOC NO.:CL:MM:22/Rev. 00			Date : 30.05.2016	
VENDOR NAME & ADDRESS:-				
SL NO	Parameter for Evaluation	As given by firm	Actual observed in Audit	Remarks
01	Raw Material Source			
	Integral			
	Other Sources			
	Material and Certificate Co-relations			
02	Incoming Material Inspection System - Procedure Exists			
03	Material Issue Inspection System - Procedure Exists			
04	Rolling mill capacity			
	Length			
	Minimum			
	Maximum			
	Thickness			
	Minimum			
	Maximum			
	Width			
	Minimum			
	Maximum			
05	Hot finishing and cold finishing facility			
06	Descaling facility during process.			
07	Straightening facility after finishing.			
08	Inprocess Inspection System - Procedure Exists			
09	Valid Calibration Certificates for Instruments/Gauges/Tools exist			
10	Identification and Traceability System exists			
	At Receipt Stage			
	Issue Stage			
	In-Process Stage			
	Final Stage			
	Shipping Stage			
11	Rejected Material Control exists			
12	Furnace with calibration checks			
	Calibrated Heating Furnace Calibration exists			
	Calibrated Normalising/ Tempering Furnace exists			
	Maintenance of Furnace Operation Records			
	Identification and Traceability System exists			
13	Non-Destructive Test Facilities (Inhouse or outsourced)			
	UT facility (online or Manual)			
	NDE Personnel Qualification			

CHECK LIST FOR SPOT VISIT-STEEL				
DOC NO.:CL:MM:22/Rev. 00			Date : 30.05.2016	
VENDOR NAME & ADDRESS:-				
SL NO	Parameter for Evaluation	As given by firm	Actual observed in Audit	Remarks
14	Mechanical Testing facility in-house/out sourced			
15	Chemical Testing facility in-house/ out sourced			
16	Calibrated PMI Test Equipment exists			
17	Final Stage verification			
	Facility for descaling available			
	Facility for paint stenciling			
	Facility for hard stamping			
	Facility for colour coding			
18	Product Certification			
	Availability of System for certification of material			
	Availability of System for correlation of material with certificates			
20	IBR validity exists for IBR materials			
Auditor-1 :			Auditor-2 :	
	Prepared by:			Approved By
Important Notes :				
01	Part-A requirement is a must for qualifying the vendor. Hence, filling up all evaluation parameters is a must and shall be available at the time of spot visit			
02	Part-B requirement is also a must for assessing and approving the capacity only. Hence, filling up all evaluation parameters is a must and shall be available at the time of spot visit			

 BHEL - TRICHY	THIRD PARTY NON-DISCLOSURE AGREEMENT	Doc.No. : ISMS-04/TP/011	
		Ver. No: 3.0	Rev. No: 00
		Date : 27 - 10 - 14	

THIRD PARTY NON-DISCLOSURE AGREEMENT

I, _____, on behalf of the _____ (Name of Company), acknowledge that the information received or generated, directly or indirectly, while working with BHEL, Trichy on contract is confidential and that the nature of the business of the BHEL, Trichy is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL, Trichy Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL, Trichy all documents and property of BHEL, Trichy, including: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL, Trichy 's business, or in any way obtained by me during the course of contract. I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, Trichy and are reasonable given the nature of the business carried on by the BHEL, Trichy I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at _____, this ____ day of _____, 20__.

Name

Company

Signature