

Sub: Qualifying requirements & other details for Vendor Enlistment for supply of MS Pipe / Tube (15mm NB to 150mm NB) as per IS 1239 (Part-1)

(Startup vendors are also allowed in this group for enlistment)

A)	<p>Details of MEG (MATERIAL ENLISTMENT GROUP)</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">MEG No.</td> <td>16 MEG-23</td> </tr> <tr> <td>MEG Description</td> <td>MS Pipe / Tube (15mm NB to 150mm NB) as per IS 1239 (Part-1)</td> </tr> <tr> <td>Responsibility centre</td> <td>CC-CPC</td> </tr> </table>	MEG No.	16 MEG-23	MEG Description	MS Pipe / Tube (15mm NB to 150mm NB) as per IS 1239 (Part-1)	Responsibility centre	CC-CPC
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Responsibility centre	CC-CPC						
B)	<p>Technical Criteria of QR (for applicants other than startups):</p> <ol style="list-style-type: none"> 1. The applicant should be a manufacturer and licensed by BIS for MS Steel pipe / Tube production as per IS 1239 And 2. The party should be licensed by BIS for Steel pipes / tubes Class Heavy Duty, NB 15 mm to 150 mm And 3. The party should have supplied Pipes / Tubes as per IS: 1239 during last five years from the date of application. <p><u>Qualifying Requirement for startup applicants only:</u></p> <p>Applicant should be start up manufacturer of IS 1239 Marked Pipes.</p>						
C)	<p>Document to be submitted by the applicants against qualifying requirements (for applicants other than startups):</p> <ol style="list-style-type: none"> 1. QR-1 & QR- 2: Copy of valid BIS License for IS: 1239 Part-1 issued by Bureau of Indian Standards in the name of the applicant and the attachments showing the details of the products for which the applicant is licensed. License should be valid on the date of application. 2. QR-3: Copy of any purchase order executed by the applicant for supply of Pipes / Tubes as per IS: 1239 during last five years from the date of application and the execution proof document(s) for the same order. 						
D)	<p>Other documents to be submitted (for applicants other than startups):</p> <p>In addition to the documents required in support of meeting technical requirements as stated above, following documents are required to be submitted by the applicant for enlistment:</p> <ol style="list-style-type: none"> 1. Three POs of highest executed values of similar work during last five years from the date of application (PO date should not be more than 5 years old as on the date of the application) along with copy of invoice / completion certificate from the concerned buyer/s in support of successful execution of supply against POs. 2. Audited balance sheet including profit and loss statement for the previous three completed financial years reckoned from the date of application. In case the audited results for the preceding financial year is not available, certification of financial statements from a practicing chartered account may be submitted. In case, Applicant is not able to submit the certificate from practicing chartered Account certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters. Further a Certificate would be required from the CEO/CFO as per the format enclosed in the application format documents stating that the financial results of the company are under audit as on the date of Application and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available. 3. Any other document in addition to the above which the applicant wants to submit. <p>Note-1 - Similar works means: Supply of Pipes / Tubes as per IS: 1239 Note-2 - The executed value means basic value of quantity of similar works executed / supplied against the reference PO (also applicable to partly executed POs as on the date of application). Where PO value is composite (i.e., including taxes etc.) the applicant to give item-wise break up of composite PO mentioning basic value, taxes etc.</p>						

E)

(A) Conditions for Startup applicants only (not applicable for applicants other than startups):

- (i) *The company should be certified as 'Start Up; by Inter-Ministerial Board of Certification as constituted by Department of Industrial Policy and Promotion from time to time.*
- (ii) *The Company product (**IS 1239 Marked Pipes**) should have been tested and cleared from a Govt. approved third party laboratory as per applicable standards (IS/IEC etc.).*
- (iii) *The factory set up shall be inspected by NTPC for checking the suitability for taking up manufacturing of the product by start up, before declaring it qualified. Inspection requirement shall not be waived off.*
- (iv) *The product shall be manufactured only in an Indian Manufacturing facilities / works.*
- (v) *No Turnover requirement shall be specified.*
- (vi) *In case of placement of Purchase Order, Start up Contractor shall furnish performance guarantee for an amount of 10% of the ex-works cost of the equipment(s) in addition to the contract performance guarantee to be submitted by the contractor.*

(B) Other requirements / conditions for Startup applicants:

1. The startup applicant should upload in the "QR Documents" tab of the Technical Parts of online application the following:-
Credential documents in support of conditions (A-i) & (A-ii) as above
+ the Qualifying Requirement stipulated for them in the previous page.

If proper documents as mentioned above are not given by the applicant, their application may not be considered any further.
2. In the "Technical Information" part of the online application, they are not required to upload any Purchase Order (PO) / PO Execution proof as required for other type of applicants. In the "PO" tab and "Supporting Invoices / Completion Certificate" tabs they can upload a page mentioning the following "application from startup applicant, hence this is not applicable."
3. In the "Financial Information" part of the application they are not required to upload any "Profit & Loss" + "Balance Sheet". In this tabs they can upload a page mentioning the following "application from startup applicant, hence this is not applicable."
4. On application submission by the startup applicant it will be implied that they agree to the conditions given at A-iii, A-iv & A-vi as above.
5. In case of issue of tender enquiry after enlistment the startup applicants should agree to all terms & conditions given in the said tenders from NTPC sites / plant / offices.

Technical Specification

A) Details of MEG	
MEG No.	16 MEG-23
MEG Description	MS Pipe / Tube (15mm NB to 150mm NB) as per IS 1239 (Part-1)
Responsibility centre	CC-CPC
B) Technical Specifications	
MS Pipes/Tubes as per IS:1239 Part-1, BIS Marked Dimensions- 15mm NB to 150mm NB, class- Light/ Medium/ Heavy , thickness as per BIS Black/ Galvanized as per Tender requirement	



ITEM (MATERIAL, CLASS, GRADE, RATING, RANGE, SIZE ETC.)
MS PIPES (BLACK & GALVANIZED)

STANDARD QUALITY PLAN

CONFORMING TO CODE:
IS : 1239 (PART-1) / IS:3589

QP NO.:0000-999-QOM-S-001
REV.NO. 02
DATE : 04.03.2016
PAGE 1 OF 1
VALID UPTO: 03.03.2019

REVIEWED BY: U SUDEEP
RAJEEV KR JAIN
R K JHA

APPROVED BY: K K OJHA

SI NO	COMPONENT & OPERATION	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE CRITERIA	FORMAT OF RECORD	AGENCY	REMARKS		
					M	C/N							
1.0	Raw Materials												
	Plate / Sheet	Thickness & Width	Major	Measurement	100%	100%	IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		IR	✓	P	V	V
	Strip	Visual	Major	Visual Check	100%	-	IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		IR	✓	P	-	-
		Chemical & Mechanical Properties	Major	Chemical & Mechanical Test	1 / Heat	1/Heat	IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		Milli TC	✓	P	V	V
2.0	Final Inspection												
2.1		Dimensions, Straightness, Ovality & End Connections	Major	Measurement			IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		IR	✓	P	W	W
2.2	Pipe	Visual Inspection, Appearance, workmanship & Bead Removal	Major	Verification			IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		IR	✓	P	W	W
2.3		Mechanical Properties	Major	Tensile Strength, Yield strength & % Elongation, Flattening test / Bend Test for ERW pipe / Guided bend test for SAW pipe	Sampling as per IS 4711		IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		IR	✓	P	W	W
2.4	Galvanizing (if applicable)	Finish / Surface Condition	Major	Visual Check	100%	100%	IS 4736		IR	✓	P	W	W
		Uniformity of Zinc Coating	Major	Dip Test			IS 2633		IR	✓	P	W	W
		Thickness of Coating, Mass of Zn Coating, Adhesion of Zinc Coating, Free Bore Test	Major	Measurement & Verification	Sampling as per IS 4736		IS 4736		IR	✓	P	W	W
2.5	Hydro Test	Leakage	Critical	Hydraulic Pressure Test	100%	5% (See Note 3)	IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		IR	✓	P	W	W
2.6	Finished Pipe	Identification & Marking	Major	Visual	100%	Sampling as per IS 4711	IS 1239 (Part-1) / IS 3589 / NTPC Tech Spec		IR	✓	P	W	W

Note 1: Skelp Joint (in the case of Spiral Welded pipes to IS 3589) shall be at least 12" from the pipe end.
 Note 2: In case of Pipes for Rubber Lining application, internal Bead shall be removed.
 Note 3: Quantum of Check for NTPC Witness for SI no 2.1, 2.2, 2.3, 2.4 & 2.5 shall be decided based on the size & quantity of pipes envisaged in the order. Same shall be tied up during Quality plan finalization for that order / during endorsing SOP.
 Note 4: Surface protection (Outside & Inside) shall be as per NTPC Technical Specs/Approved Drawing/Datasheet.

LEGEND: * RECORDS IDENTIFIED WITH "TICK (✓) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION.
 ** M:MANUFACTURER/SUB-SUPPLIER C:MAIN SUPPLIER, N: NTPC P:PERFORM W:WITNESS AND V:VERIFICATION AS APPROPRIATE.
 CHP: NTPC SHALL IDENTIFY IN COLUMN "N" AS "W".
 FORMAT NO.: QS-01-QAI-P-10/F3-R1
 I/I
 ENGG. DIV./QA&I