

NTPC LTD

VDC, RAIPUR

Sub: Qualifying Requirement for Vendor Enlistment for ‘Supply of 300 NB ERW Pipes (FE410) for thickness range 6.3 to 10 mm as per IS 3589 (CAT-2)’

A)	MEG Details		
	1.0	MEG No.	16MEG-98
	2.0	MEG Description	Supply of 300 NB ERW Pipes (FE410) for thickness range 6.3 to 10 mm as per IS 3589 (CAT-2)
	3.0	Responsibility Centre	VDC
B)	Technical Criteria of QR: 1.The applicant should be a manufacturer of ERW Pipes of size 300 NB or above diameter. 2.The applicant should have supplied ERW pipes as per IS-3589 of 300 NB or above diameter and of minimum thickness 6.3 mm in last 5 years from the date of application for enlistment. 3.The applicant should have a valid BIS license for IS 3589, size 300 NB diameter.		
C)	Documents to be submitted in support of meeting Technical QR: QR-1: Latest annual report OR NSIC / SSI / MSME registration certificate / BIS license / ISO certificate / Certificate of registration from the concerned excise department / any other statutory document as a proof of being manufacturer of the required material. QR-2: The PO (issued within last five years from the date of application for enlistment) in support of award and completion certificate/copies of invoice to establish successful execution as per QR. QR-3: Applicant should have valid BIS license as on the date of application for enlistment or applicant has to submit documentary proof for renewal application of BIS license. Remark: NTPC can ask more documents if felt necessary.		
D)	Financial Criteria	<ol style="list-style-type: none">1. The Net Worth of the applicant shall not be less than 100% of the applicant’s paid up share capital as on the last day of the preceding financial year. In case the applicant meets the requirement of Net Worth based on the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of its holding companies wherever applicable, the Net Worth of the applicant and its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of the Holding Company, in combined manner should not be less than 100% of their total paid up share capital. However individually, their Net worth should not be less than 75% of their respective paid-up share capitals. Net worth in combined manner shall be calculated as follows: $\text{Net worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100\%$ Where X1, X2, X3 are individual Net worth which should not be less than 75% of their respective paid-up share capitals and Y1, Y2, Y3 are individual paid up share capitals2. In case the applicant is not able to furnish its audited financial statements on stand-alone entity basis, the unaudited unconsolidated financial statements of the applicant can be considered acceptable provided the applicant further furnishes the following documents for substantiation of its qualification.<ol style="list-style-type: none">i. Copies of the unaudited unconsolidated financial statements of the applicant along with copies of the Audited consolidated financial statements of its Holding Company.ii. A certificate from the CEO/CFO of the Holding Company, as per the format enclosed in the bidding documents, stating that the unaudited	

		<p>unconsolidated financial statements form part of the Consolidated Annual Report of the company.</p> <p>3. In cases where audited results for the last preceding financial year as on the date of Techno-Commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, applicant is not able to submit the Certificate from practicing Chartered Accountant 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 bidding documents stating that the financial results of the Company are under audit as on the date of Techno-Commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.</p> <p>Notes for Financial criteria:</p> <ol style="list-style-type: none"> 1. Other income shall not be considered for arriving at annual turnover. 2. "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India, in vogue. 3. Net worth means the sum of the paid-up share capital and free reserves. Free reserve means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further, any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
E	Special Terms & Conditions	<ol style="list-style-type: none"> 1. Please refer special terms & conditions (STC) of enlistment available at VDC portal vendor.ntpc.co.in. In addition to above vendors are requested to refer Special Conditions attached at Annexure-I. 2. Vendors shall be enlisted for period of three years from the date of uploading of list on website, subject to fulfilment of the terms & conditions.

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Sub: Technical Specifications & Quality Plan for 'Supply of 300 NB ERW Pipes (FE410) for thickness range 6.3 to 10 mm as per IS 3589 (CAT-2)'

Technical Specifications:



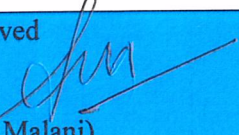
A)	MEG Details		
	1.0	MEG No.	16MEG-98
	2.0	MEG Description	Supply of 300 NB ERW Pipes (FE410) for thickness range 6.3 to 10 mm as per IS 3589 (CAT-2)
	3.0	Responsibility Centre	VDC
B	Technical Specifications	<p>Fe 410 ERW PIPE 300 NB AS PER IS 3589</p> <p>1.0 GENERAL</p> <p>Welded ERW Pipe (Black / Bare / Galvanized) of grade Fe 410 as per IS:3589.</p> <p>2.0 Application</p> <p>As required</p> <p>3.0 Compliance with National Standards</p> <p>The material shall comply with the requirements of the following standard and also meet the requirements of this specification</p> <p style="padding-left: 40px;">a) IS 3589 (With Latest Revision).</p> <p>4.0 Dimensions</p> <p>4.1 SIZE</p> <p>Outside Diameter – 323.9 MM</p> <p>Thickness – As per requirement (6.3mm to 10mm)</p> <p>Length – As specified.</p> <p>4.2 ENDS</p> <p>Beveled End</p> <p>4.3 TOLERANCE</p> <p>The Tolerance Shall be as per IS – 3589.</p> <p>However, Tolerance on Thickness Shall be as per IS – 3589 or Zero Negative Tolerance (As per requirement).</p> <p>5.0 Mechanical properties, chemical properties and Hydraulic test pressure shall be as per IS-3589.</p> <p>6.0 Condition of Supply</p> <p>Pipe Shall be supplied with Antirust Coating on outer Surface for ERW Black / Bare Pipes.</p> <p>The pipes shall be marked with the ISI Mark.</p> <p>7.0 QA Requirements</p> <p>Pipes shall be tested as per standard quality plan.</p>	

STANDARD QUALITY PLAN

	Item :- MS Pipe (Black / Galvanized) (as per IS 3589)	SQP NO:		CPG-QA-SQP-M005		P. 1/2		Prepared <i>Ankush</i> (Ankush Birla)		Approved <i>Sunil Malani</i> (Sunil Malani)	
		Rev.	00	Date	01.03.2022						

SL. NO.	COMPONENT/ OPERATION	CHARAC- TERISTICS	QUANTUM OF CHECK		REFERENCE DOUMENT	ACCEPTANC E NORM	FORMAT OF RECORD	D	AGENC Y		REMARKS
			M	N					M	N	
A) Raw Material / Bought Out Items Checks											
1	Steel Strip/ Sheet	Chemical & Mechanical Properties	1/ Heat	1/ Heat	Tech Specs /Approved Drg./ DS / IS 3589	TC		P	V		
		Thickness & Width	100 %	100 %	Tech Specs /Approved Drg./ DS / IS 3589	IR		P	V		
		Visual	100 %		Tech Specs /Approved Drg./ DS / IS 3589	IR		P			
B) Finished Product / Final Inspection											
1	Pipe (Black /Galvanized)	Surface Defects, Bead Removal & Finish, End Connection	Sampling as per IS 4711		Tech Specs /Approved Drg./ DS / IS 3589	IR		P	W		
		Dimensions, Straightness, Ovality			Tech Specs /Approved Drg./ DS / IS 3589	IR		P	W		
		Tensile, Yield Elongation, Flattening, Guided Bend Test (for SAW pipes)			Tech Specs /Approved Drg./ DS / IS 3589	IR		P	W		
2	Galvanizing (If Applicable)	Finish/Surface Defects	100 %	10 %	Tech Specs /Approved Drg./ DS/ IS:4736	IR		P	W		
		Uniformity of Zinc Coating	Sampling as per IS 4736		Tech Specs /Approved Drg./ DS/ IS:2633	IR		P	W		
		Thickness, Mass and Adhesion of Zinc Coating & Free Bore Test	Sampling as per IS 4736		Tech Specs /Approved Drg./ DS/ IS:4736	IR		P	W		
3	Hydro Test	Leakage	100 %	5 %	Tech Specs /Approved Drg./ DS / IS 3589	IR		P	W		

STANDARD QUALITY PLAN

	Item :- MS Pipe (Black / Galvanized) (as per IS 3589)	SQP NO: CPG-QA-SQP-M005		P. 2/ 2		Prepared  (Ankush Birla)	Approved  (Sunil Malani)
		Rev. 00	Date 01.03.2022				

SL. NO.	COMPONENT/ OPERATION	CHARAC- TERISTICS	QUANTUM OF CHECK		REFERENCE DOUMENT	ACCEPTANC E NORM	FORMAT OF RECORD	D	AGENC Y		REMARKS
			M	N					M	N	
4	Finished Pipe	Identification & Marking	100 %	Sam pling as per IS 4711	Tech Specs /Approved Drg./ DS / IS 3589		IR		P	W	

Notes :-

- In case of pipes for rubber lining application, internal bead shall be removed.
- Surface protection (outside & inside) shall be as per NTPC technical specs/approved drawing/datasheet.
- Skelp joint (in case of spiral welded pipes to IS:3589), shall be at least 12” away from the pipe end.
- Y mark in Column ‘D’ means such document shall be furnished by the manufacturer / supplier.
- Calibrated equipment required for performing the tests in presence of NTPC or authorized representative, shall be arranged by the supplier without any extra cost.
- Reference and Acceptance norms shall be derived from following in the same sequence-
 a) NTPC Approved drawing / data sheet ; b) NTPC tech specs ; c) Purchase Order ; d) Relevant national standard ; e) Relevant International standard ;
 f) Manufacturer's standard ; g) Good Engineering practices.
- No pre dispatch witness inspection by NTPC for ISI marked pipes of size below 400 NB.
- No witness by NTPC for railing pipes.

Abbreviations :-

M	Manufacturer	P	Perform	IR	Inspection Record / Report
N	NTPC Ltd or authorized representative	W	Witness	TC	Test Certificate
CoC	Certificate of Conformance	V	Review of records	MTC	Manufacturer’s Test Certificate

<p>The following Special Conditions shall supplement/amend the Special Terms & Conditions (STC) uploaded in the VDC portal. Wherever, there is a conflict, the provisions in special Conditions shall prevail over those in the STC. The corresponding clause number of the STC is indicated in parentheses.</p>		
MEG Number		16MEG-98
Name of Enlistment Package		Supply of 300 NB ERW Pipes (FE410) for thickness range 6.3 to 10 mm as per IS 3589 (CAT-2)
S.No.	Name of Clause	Description of Clause
1.	<p>SELECTION OF ENLISTED VENDORS FOR ISSUING TENDER ENQUIRY STC Clause No 13.0</p>	<p>Additional Sub-Clause to STC Clause 13.0 with the following: Selection of Enlisted Vendors for Issuing Tender Enquiry For Category – 2 / Enlistment for Mega Contracts (Cost Estimate for CEGs above 4 Cr & MEGs above 15 Cr and both up to 50 Cr)</p> <p>(a) For both MEGs & CEGs:</p> <p>(Note: AATO is annual average turnover, EC is estimated cost and CP is completion period/delivery period in months)</p> <p>i) Delivery period up to one year: vendors having AATO >= EC</p> <p>ii) Delivery period > 1 year: Vendors having AATO >= ECX12/CP</p> <p>Only AATO of the vendors who meets the technical QR and Net Worth criteria of financial QR will be recorded in the system for selection of Enlisted vendors for issuing tender enquiry.</p>
2.	<p>OFFLINE DOCUMENTS STC Clause No 20.0</p>	<p>Replace existing STC Clause 20 with the following</p> <p>Vendor has to send hard copy of following documents in original, in the format given on the home page of website so as to reach the concerned responsibility centre.</p> <p>i. Letter of Undertaking (to be executed on non-judicial stamp paper of INR 100/-)</p> <p>ii. Power of Attorney (to be executed on non-judicial stamp paper of INR 100/-)</p> <p>Original Letter of Undertaking and Power of Attorney duly signed are to be sent by speed / registered post/ courier on following address so as to reach within fifteen days of submitting the application. Digitally signed/signed & scanned soft copies of the aforesaid documents shall be uploaded in the VDC Enlistment portal i.e. vendor.ntpc.co.in:</p>

		<p>AGM (Vendor Development Cell), NTPC Ltd, Western Region-II Head Quarter, Plot No. -87, Sector-24, Atal Nagar, Nava Raipur, Raipur, Chhattisgarh, PIN code: 492018</p> <p>The envelope containing the Letter of Undertaking & Power of Attorney shall be super scribed as follows: “Letter of Undertaking” & “Power of attorney” for Vendor Enlistment MEG / CEG: Responsibility Centre: From----- (Name of company)</p>
3.	<p>EVALUATION CRITERIA & PROCESSING OF APPLICATIONS (STC Clause 21.3)</p>	<p>Replace STC Clause no 21.3 (Mapping of data of enlisted vendors) with the following</p> <p>Average annual turnover will be mapped against the vendors who meets the technical QR and Net Worth criteria of financial QR. The vendor has to submit financial details and upload supporting documents which shall be the basis for ascertaining their financial capability as per laid down policy of the company. Presently no pre-determined financial criteria (Average Annual Turnover) is being stipulated.</p> <p>However, all applicants have to upload necessarily the following documents:</p> <p>i) Average Annual Turnover (AATO): Balance sheet and Profit & loss account statement for last three completed financial years reckoned from the date of submission of application.</p> <p>In case where the audited results of the last preceding financial year are not available, certification of financial statements from a practicing Chartered Accountant may be considered acceptable.</p> <p>From this, Average Annual Turnover (AATO) of the company shall be worked out and shall be recorded against the MEG for the enlisted vendors. This will be the eligibility limit for Average Annual Turnover of the respective enlisted vendor for sending tender enquiry later (but during the validity period of enlistment only)</p> <p>Selection of enlisted vendors for sending tender enquiry: When actual requirement emerges, based on the estimated cost and completion period required, selection of eligible vendors from amongst enlisted vendors shall be done as mentioned at Sl. No 1.0 above of this document.</p>