

NTPC LTD Vendor Development Cell, Raipur			
A	MEG Details		
	1	MEG No.	17MEG-01
	2	MEG Description	Vendor Enlistment (MEG) for PROCUREMENT OF ALLOY CAST IRON (ACI) FITTINGS UPTO AND INCLUDING 400NB (Category 1, Critical)
	3	Responsibility Centre	VDC
B	Technical Criteria Of QR: - The applicant should be a manufacturer of ‘Alloy Cast Iron fittings’ conforming to ‘ASTM A532/IS7925/IS 4771’. And - The applicant should have successfully executed work order(s) for the supply of Alloy Cast Iron (ACI) fittings including ACI fittings with a hardness of 400 BHN or more within the preceding five (5) years from the last date of application submission And - Applicant should have in house Hydrotesting bench with calibrated pressure gauge and in-house / tied up facility for chemical/grade testing and hardness check.		
C	Other Documents to be submitted: - Latest Annual Report/Udyam Registration/NSIC / SSI / MSME registration certificate / BIS license / ISO certificate / any other statutory document’ along with valid Factory License from Directorate of Factories- will be considered as proof of manufacturer as stipulated in QR B1. - PO copies for Supply Orders and Invoice(s) / Completion certificate from the concerned buyer/s in support of successful execution of the supply. The applicant is required to submit a document in support of the technical specification as stipulated in QR B2. - Proof of in-house testing facilities-valid instrument calibration certificate, invoice of ownership(optional), picture of the testing facility) or tied up facility with NABL (National Accreditation Board for Testing and Calibration Laboratories) as stipulated in QR B3.		
D	Capacity & Capability assessment: The Employer reserves the right to undertake Physical Assessment of the Capacity and Capability of the Applicant regarding Manufacturing and Testing facilities for the aforesaid equipment(s) etc., should the circumstances warrant for such assessment in the overall interest of the Employer.		

E	Other Documents to be submitted: In addition to the documents required in support of Qualifying Requirements as stated at C) above, following documents are also required to be submitted by the applicants applying for enlistment: - 1. Three POs of the highest executed values of supplies during previous five years from the last date of submission of application. Copy of Invoice(s) / Completion certificate from the concerned buyer/s in support of successful execution of supply against the POs to be submitted. 2. Audited balance sheet including Profit & Loss statement for the previous completed three completed financial years reckoned from the last date of submission of application. In case the audited result for the preceding financial year is not available, certification of financial statements from a practicing-chartered accountant is to be uploaded. In case, applicant is not able to submit the certificate from practicing chartered accountant certifying its financial parameters, the audited results of the three consecutive financial years preceding the last financial years shall be considered for evaluating the financial parameters. Further, a certificate would be required from the CEO/CFO stating that the financial results are under audit as on the last date of submission of application and certificate from the practicing chartered certifying the financial parameters are not available. 3. 'All other terms & conditions of enlistment are as per the STC available at VDC portal https://vdc.ntpc.co.in'	
F	Note-1	Supplies means: Successfully supply/execution of work orders for supply of Metallic pipe fittings including ACI fittings within the preceding five (5) years from the last date of application submission. Maximum Three Credential Order(s) shall be considered for calculation of the Execution Capability (EC) as defined in STC.
	Note-2	The executed value means Basic value of quantity of supplies executed/supplied against the reference PO (also applicable to partly executed POs as on date of application). Where PO value is composite (i.e., including Taxes etc.), the applicant to give item-wise break-up of Composite PO value mentioning Basic Value, Taxes etc. The work “executed” means the applicant should have achieved the criterion specified in the QR, even if the total contract is not completed/closed. In case of contracts under execution as on the last date of submission of application for enlistment, the value of work executed till date will be considered provided the same is certified by the employer.
	Note-3	Attached Technical specifications & Quality Plan are indicative only, may be changed subject to the requirement
G	QUALITY PLAN (IF APPLICABLE)	

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B	<i>PROCUREMENT OF ALLOY CAST IRON FITTINGS</i> 1.INDICATIVE* TECHNICAL SPECIFICATIONS FOR ALLOY CAST IRON FITTINGS: i) Type: Bend/Reducer/Expander/Spool piece/Tee/Y-lateral/Adaptor etc. ii) End connection: Plain / Socketed / flanged or any other as per requirement iii) Design Standard: IS 4771/IS 7925 or any other relevant/equivalent design standard iv) Material: Ni-Chrome/Chrome Alloy Cast iron (min 400 BHN) etc. v) Pressure Rating: as per design standard / requirement vi) Size: As per requirement vii) Angle & Radius (elbows, only): As per requirement viii) Length (spool piece, only): Other details as per drg. *These specifications are guidelines only for the purpose of enlistment. However, the actual specifications shall be as per the tender documents.		

STANDARD QUALITY PLAN

	Item: - ACI Fittings	SQP NO:	CPG-QA-SQP-M021		P1/1	Prepared GANPATI JHA TI JHA	Reviewed Harikrishnan L	Approved SUNIL MALANI
		Rev.	01	Date	03.12.2025			

SL. NO.	COMPONENT / OPERATION	CHARACTERISTICS	QUANTUM OF CHECK		REFERENCE DOCUMENT	ACCEPTANCE NORM	FORMAT OF RECORD	D	AGENCY		REMARKS
			M	N					M	N	
A)	Finished Product / Final Inspection										
1	ACI Fittings	Visual Dimensions (including wearback / lining -if applicable)	100%	10%	Tender TS/PO TS/NTPC approved DRG/DS		TC/IR		P	W	
		Hardness	100%	1 per heat	Tender TS/PO TS/NTPC approved DRG/DS		TC/IR	Y	P	W	
		Chemical composition	1 per heat		Tender TS/PO TS/NTPC approved DRG/DS		TC/IR		P	W	
		Leak tightness	100%	10%	Tender TS/PO TS/NTPC approved DRG/DS	No leakage/Pressure drop	TC/IR	Y	P	W	Applicable for fluid / slurry conveying fitting/ pipe lines ONLY
		PMI (on accessible alloy items)	Random		Tender TS/PO TS/NTPC approved DRG/DS		TC/IR		P	W	
		Paint shade and DFT	100%		Tender TS/PO TS/NTPC approved DRG/DS		TC/IR		P		

1. Y mark in Column 'D' means such document shall be furnished by the manufacturer / supplier.
1. Calibrated equipments required for performing the tests in presence of NTPC or authorized representative, shall be arranged by the supplier without any extra cost.
2. Witness by NTPC/authorized representative (wherever applicable) shall be on randomly chosen sample/s. For balance, NTPC shall review TCs/IRs.
3. 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) Manufacturers std
 - g) Good Engineering practices

Abbreviations :-

M	Manufacturer		P	Perform		IR	Inspection Record / Report
N	NTPC Ltd or authorized representative		W	Witness		TC	Test Certificate
DS/DRG	NTPC approved Data Sheet/Drawing		V	Review of records		TS/PO	Technical spec/Purchase order