NTPC LTD

(A Government of India Enterprise)

CC-OS

Sub: Qualifying Requirement for Vendor Enlistment for the Supply of Boiler Tube Protection Shields

A)	MEG DETA	ILS		
	1.0		MEG NO.	46MEG-10
	2.0		MEG DESCRIPTION	Boiler Tube Protection Shields
	3.0		RESPONSIBILITY CENTRE	CC
B)	manufac i 2. The part plant.	ty sho cturin i. cy sho	ould be a SS / Alloy Steel i g facilities Plate Shearing Machine Hydraulic Press uld have supplied SS protect	items fabricator and should have at least following in-house ion shields / clamps / Boiler Tube Shields to any thermal power I Metal Analyzer (like XRF Analyser) or Spectrometer.
C)	QR-1: Self I QR-2: Purc	Decla hase	e submitted against QR: ration by the vendor includir Order along with execution p Invoice / Latest Calibration co	
D)	technical r applicants 1. Three PC (PO date sh / completion POs. 2. Audited years reckon In case the statements the certific three cons financial p enclosed in audit as on	requir apply Os of hould on ce balar oned e auc s fron cate fr secution aram n the n the o	rements as stated above, for ring for enlistment: - highest executed values of s not be more than 5 years of rtificate from the concerned nce sheet including profit ar from the date of application. dited results for the preced n a practicing chartered acco rom practicing chartered acco rom practicing chartered acco ve financial years preceding eters. Further a Certificate application format documen	ddition to the documents required in support of meeting ollowing documents are required to be submitted by the imilar work during last five years from the date of application d as on the date of the application) along with copy of invoice d buyer/s in support of successful execution of supply against and loss statement for the previous three completed financial ding financial year is not available, certification of financial unt may be submitted. In case, Applicant is not able to submit count certifying its financial parameters, the audited results of the last financial year shall be considered for evaluating the would be required from the CEO/CFO as per the format the stating that the financial results of the company are under Certificate from the practicing Chartered Accountant certifying
	3. Any othe	er doo	cument in addition to the abo	ove which the applicant wants to submit.
E)	NOTE-1	Simila	ar works means: Supply of M	echanical Spares to Thermal Power Plants.
		again Whei	st the reference PO (also ap	pasic value of quantity of similar works executed / supplied plicable to partly executed POs as on the date of application). , including taxes etc.) the applicant to give item-wise break up c value, taxes etc.

Specification of Protection Shields/ Tube Shields

1. Item Description :-

Protection Shields, Fixing Clamps etc. for thermal plant Boiler Tube as per drawing to be given at the tendering stage.

2. Material of Construction:-

AISI 304 / ASME SA-240 or SS of any grade as specified in the drawing / data sheet at the tendering stage.

3. Dimensions:-

Shape / Profile & Dimensions as per Drawings & details to be given at the tendering Stage

4. Coating: -

No Coating / Painting

5. Marking:-

Each Shield should have hard punched or any other type permanent marking of Party's identification mark like Vendor's monogram & NTPC PO number (if specified at the tendering stage)

6. Other points:-

- a. Scope of Inspection in accordance with relevant NTPC approved Quality Plan
- b. One sample for each type to be given after Purchase Order placement (if specified in the Tender)
- c. Packing Requirements- as per details in the individual Tenders.

	otance *	20	E T								T		, ,	ur Mondola W			-			
	APPROVID ASS. ASS. ACUTA	REMARKS		¥														t certificate.	ENGC. DIV QA&I	
ľ	10 Personal	ICY	z			\ \				>		>	4	M		3		CHP: CUSTOMER HOLD POINT. TC-Test certificate.	ENGG. D	
	SS MISHRA	AGE	ပ	•	ations.	P V			-	r >		۲ ۲		M d		A d		R HOLD PO		
ŀ	K S S S S S S S S S S S S S S S S S S S		Σ	<u>.</u>	becific	~						7		~		~		STOME		
	9-QOM-S-104 DATE :04.08,2018	FORMAT OF RECORD		<u>о</u> ,	et/ Technical sp	MTC				IIR		wps/pqr/wpq		R		R				
	QP NO.: 0000-999-QOM-S-104 REV. NO: 0 DATE :04.08.7 PAGE 1 OF 2	ACCEPTANCE		8.	d Drawing/Data she	Drawino/Data	s /			Drawing			-	Drawing	Se S	Drawing		N QA DOCUMENTATION V: VERIFICATION AS APPROPRIATE		it.
	TY PLAN	REFERENCE	T	7.	er NTPC approve	NTDC anaroved Drawing/Data	Sheet /Technical Specifications/ Relevant applicable standards			NTPC approved Drawing		ASME Sec IX		outined Demonstration	Free from damage	NTPC approved Drawing				7
		ANTUM OF CHECK	C/N	ශ්	all he as r	1000/	% /001					100%			Min 10 Nos/	type		TIALLY INCLUDED BY SUPPLIER		Ta
	QUA	QUANTUM	Z		shields sh	1000/	%001		able	10% ner	shift	100%			100%	100%		LY INCLU	et	ملسلو
	STANDARD QUAL	TYPE OF CHECK		vó	on shields/ tube		Verification		elding as applic	Measurement		Procedure & Personnel	F		Visual	Measurement		L BE ESSENTIAL	DS-Data	040
	ST/	CLASS		*	he protecti	the provent	CIIICal		orming/W	Major		Critical			Critical			" (√) SHAL	c: MAIN SUPPLIEK, Inspection Report.	
	ITEM: Boiler Tube Protection shields/ tube shields	CHARACTERISTICS		ri			Chemical composition Mechanical	properties	IN PROCESS INSPECTION: Cutting/Folding/Forming/Welding as applicable	Measurement		Procedure & Personnel	qualification		Shape / Profile	Dimensional		3	SUPPLIER C: MAIN	FORMAT NO.: QS-01-QAI-P-10/F1-R1
	एनटी पी सी NTPC	COMPONENT &	OFENDIOUS	5	Wed. Inderton we	AW MALEKIAL: NAW	Plates for shields, clamps & fasteners		IN PROCESS INSPECTION	Dimensions		WPS/ PQR/W PQ (If any)		FINAL INSPECTION	Finished protection shields / Fixing	Clamps / Fasteners		LEGEND: * RECORDS, IN	** M: MANUFACTURER/SUB-SUPPLIER	FORMAT NO.: QS-01-QAI-P-10/F1-R1
	EZ	S.N.		+	01	-	LI C		2.0 1	Ē	2.1	22		3.0	3.1			LEG	Ж **	FOR

1 6	AD TAK OHAI	11.			fied by NTPC	
TISHRA	(KK CHATT UMOHA	10.	M d	v v v	case of non-availability of any test facility at the vendor's works, samples identified by NTPC oratories. ived at site for grade verification of the material.	
9-QOM-S-104 DATE :04.08.2018	FORMAT OF RECORD	0. 6	IR	Records	t the vendor's w rial.	H-
QP NO.: 0000-999-QOM-S-104 REV. NO: 0 DATE :04.06.2 PAGE 2 OF 2	ACCEPT ANCE NORM	66	NTPC approved Drawing/Data Sheet /Technical Specifications / Relevant applicable codes or standards	f required	f any test facility a ication of the mate	
PLAN	REFERENCE	4	NTPC approved Drawing/Data Sheet /Technical Specification Relevant applicable codes or standards	Completeness of required documents	nn-availability o for grade verif	- Jac
ALITY	QUANTUM OF CHECK		Min 10 Nos / type	100%	case of nc oratories. ved at site	mod
n o a	NO 3		100%	100%	ction. In party lab luct recei	
STANDARD QUALITY PLAN	TYPE OF CHECK	6	PMI / Spectrometry	Verification	r during inspe accepted third e finished proc	
ST	CLASS	*	Critical	Critical	the vendo at NTPC a out on the	
TTEM: Boiler Tube Protection shields/ tube shields	CHARACTERISTICS	r	Grade verification	Verification	Note: (1) All testing facilities shall be arranged by the vendor during inspection. In case of non-availability of any test facility at the representative shall be got tested by vendor at NTPC accepted third party laboratories. (2) Surveillance checks/tests may be carried out on the finished product received at site for grade verification of the material.	
1TPC TPC	COMPONENT & OPERATIONS	2	Finished protection shields / Fixing Clamps / Fasteners	Data compilation	e: All testing facilities : esentative shall be g surveillance checks/	
Ez	T.	÷	32 1	L.	Note: (1) Al repres (2) Su	

•• M: MANUFACTURER/SUB-SUPPLIER C: MAIN SUPPLIER, N: NTPC P: PERFORM W: WITNESS AND V: VERIFICATION AS APPROPRIATE, CHP: CUSTOMER HOLD POINT, TC-Test certificate, IIR-Internal Inspection Report, IR- Inspection Report, DS- Data Sheet LEGEND: • RECORDS, INDENTIFIED WITH "TICK" (\) SHALL BE ESSENTIALLY INCLUDED BY SUPPLIER IN QA DOCUMENTATION.

FORMAT NO.: QS-01-QAI-P-10/F1-R1