

Domain :	bhel.abcprocure.com		
Parent department:	BHEL Trichy		
Unit name	: BHEL Trichy		
Purchase group	: FB M&S Spares Cap	RFQ/NIT/Enquiry Officer	: SURAJKUMAR
Event ID	: 28291	RFQ/NIT/Enquiry no.	: 2661900156
Enquiry Date	: 11/05/2019 05:30:00		
Tender Description	: STEEL SHOTS (S-S 1700) For the surface cleaning of high alloy steel pipes and heat treated high alloy steel pipes with scales and rust for achieving surface finish of SA 2 1/2 required at BHEL THIRUMAYAM		
Terms & Conditions	: Special note: Bidder need to a.compulsorily fulfill pre-qualification criteria(PQC) criteria b. to comply all technical, commercial points as per tender to consider valid offer & submit all applicable documents viz PO copies, valid Dealership certificate etc , if applicable to qualify for the tender General Note: 1. POINT-BY-POINT CONFIRMATION TO BHEL'S SPECIFICATIONS, COMMERCIAL TERMS & CONDITIONS ARE TO BE PROVIDED BY THE VENDORS IN "ANNEXURE II. 2. PLEASE ENSURE THAT ALL TERMS & CONDITIONS SHOULD BE INDICATED IN THE TECHNO-COMMERCIAL BID IN EPS POSITIVELY. 3. VALIDITY OF THE OFFER SHOULD NOT BE LESS THAN 120 DAYS. 4. THE BIDDER SHALL MEET PRE-QUALIFICATION CRITERIA Kindly submit your offer in two part bid system (Technical bid + Price bid) in the E-Procurement portal only i.e. Part (I).Techno-Commercial Bid containing point wise confirmation of Technical details, specifications, drawings if any, Prequalification criteria, commercial terms and conditions LIST OF ATTACHMENTS: 1.PRE QUALIFICATION CRITERIA. 2. ANNEXURE-II TERMS AND CONDITIONS OF THE ENQUIRY. (TWO PART-BID		
Product / service / work keywords	: Steel Shot,		
No. of Bid Parts	: Multiple	Envelope	: Techno-commercial bid , Price bid
Type of contract	: Goods	Project duration / delivery or completion period	: 30.07.2019
Download document	: Before login	RFQ floated under the policy	: PP-PURCHASE POLICY
Estimated Category	: F	No. of items already attached	: 1
Delivery/Location At	: BHEL THIRUMAYAM STORES	Delivery Date	: 30/07/2019 05:30:00
Inspection by Agency	: BHEL OFFICIAL	Inspection Location	: BHEL THIRUMAYAM
Min. bid required	: 1		

Bid submission configuration

Bid evaluation	:	Item wise	Bidding access	:	Open Tender
Base currency	:	INR	Bidding type	:	NCB/Indigenous

Key configuration

Pre-bid meeting	:	Don't allow
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Dates configuration

Document downloading start date	:	16/05/2019 09:52:00	Document downloading end date	:	27/05/2019 13:00:00
Bid submission start date	:	16/05/2019 09:52:00	Bid submission end date	:	27/05/2019 13:00:00
Bid opening date	:	27/05/2019 13:01:00			

Document / EMD / Security fee detail

Document fees	:	Not required	EMD	:	Not required
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Bidding forms

price bid

PRICE BID 1

MATERIAL DESCRIPTION	QTY	UNIT
Stel shots(SS-1700) , FOR PRE QUALIFICATION CRITERIA(PQC) -REFER ANNEXURE1(Vendor to compulsorily meet PQC Criteria)TECHNICAL SPECIFICATION(IS 4606-1983 SHALL BE REFERRED FOR ANY CLARIFICATION) 1.Application: For the surface cleaning of high alloy steel pipes and heat treated high alloy steel pipes with scales and rust for achieving surface finish of SA 2 1/2 = = = = = 2.Material - The steel shots shall be manufactured by atomizing molten steel into random sizes of steel using a suitable heat treatment procedure = = = = = 3.Shape - The steel shots shall be almost solid spherical as is maximum commercially possible and shall not contain more than 5% of tails and irregular steel shots. The presence of foreign material shall not exceed 1% of weight of the sample taken. = = = = = 4.Size - The shot size shall be determined by testing with sieves complying with IS 460-Part 1. The proportion retained and passed shall comply with the requirements as per standards for each grade of material. For S-S 1700, whole sample pass through 2.36 mm IS Sieve, At Least 85% is retained on 1.7 mm IS sieve, At most 12% passes through 1.4 mm IS sieve and at most 3% retained on the PAN = = = = = 5.Chemical composition - %Carbon 0.6-1.25, %Silicon 0.2-1.1, % Manganese 1.25 max, % Sulphur 0.08 max, %Phosphorus 0.08 max. The chemical composition test report shall be submitted along with the material delivery. = = = = = 6.Hardness - The average hardness of the steel shots shall be 400-500 in terms of Vickers Pyramid Number (HV). = = = = = 7.Microstructure - On examination of steel shots under microscope at magnification of 500X, it shall reveal tempered martensitic structure. In case of presence of free ferrite (graphite) or excessive (>15%) hyper eutectoid carbide, the lot will be rejected. = = = = = 8.Density - Density of steel shots shall not be less than 7g/ml, nor contain more than 10% hollow shot = = = = = 9.Test report - The test for chemical composition, Density, Hardness, weight of foreign material presence per unit weight of sample and microstructure shall be submitted along with the material delivery. = = = = = 10.Inspection: The lot shall be offered for inspection by BHEL authorized representatives prior to dispatch, and the certificate of conformance as per the above clause no. 2,3,4,5,6,7 & 8 shall be produced from a reputed/recognized laboratory. = = = = = 11.Material acceptance: In case of any deviation, for the random samples taken from the lot on receipt at BHEL stores, from the above listed specifications - it is the responsibility of the supplier to replace the lot as per the technical specifications - at the cost of the supplier within a period of two weeks (or it might lead to disqualification from the vendor list)= = = = = 12.Packing: The steel shots while delivery shall be packed in polyethylene lined bags (to avoid rusting due to moisture) with weight not more than 25 kg and the packing shall withstand normal handling during transport and storage - in multiple layers, without baggage damage.= = = = = 13.Delivery: Materials to be delivered to Ward 87, PPPU BHEL Tirumayam.	20000.00	KG

Information for Online Participation

Bidder who wish to participate in this tender needs to procure Digital Certificate as per Information Technology Act-2000 using that they can digitally sign their electronic bids. Bidders can procure the same from any or the CCA approved certifying agencies, or they may contact e-Procurement Technologies Ltd. at below mentioned address and they will assist them in procuring the same. Bidders who already have a valid digital Certificate need not to procure the same. In case bidders need any clarification regarding online participation, they can contact,

e-Procurement Technologies Ltd.

Corporate Office:

Address : A-201/208, Wall Street - 2, Opp. Orient Club,
Nr. Gujarat College, Ellis Bridge,
Ahmedabad - 380006, Gujarat(INDIA)

Digital Certificate Contacts

Contact Person : Mr. Himalay Vaishnav

Cell : +91-9099090830

Phone Nos. : +91-9099090830

Fax No :

e-Mail : info@abcProcure.com

Support Team Contacts

Contact Person : BHEL Support Team Ahmedabad

Cell : +91-8160087732

Phone Nos. : +91-79-68136809/871/861/823/872

Fax No :

e-Mail : Bhel.Support@abcProcure.com

Bidder who wish to participate in e-Tender need to fill data in predefined forms of Price bid available in respective tender only. After filling data in predefined forms bidders need to click on final submission link to submit their encrypted bid. Bidder need to submit Document Fees, EMD & Reference Documents in hard copy if such instruction are given by tendering authority. As Per the new Inter-operability guidelines released by Controller of Certifying Authorities(CCA), the Secured Socket Layer(SSL) certificate for a e-procurement application is generated on a new algorithm, SHA2.

Also, the Digital Certificates that will be applicable for these platforms have to be SHA2 algorithm complaint. For the same, the users have to ensure that they have Windows XP(SP3)/Windows Vista/Windows7 installed in their respective PC/Laptop. In case of Windows XP Service pack - 3, if you get any issue you can install the SSL patch, which is available at our download section of our e-Tender/e-Auction Portal and also at our corporate website www.abcprocure.com just below the label of "Knowledge section".

Fraud Prevention

Bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

Preference to Make in India

For this procurement, Public Procurement (Preference to Make in India), order 2017 dated 15.06.2017 & 28.05.2018 and subsequent orders issued by the respective Nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable. Default margin of purchase preference shall be 20% to local suppliers with default minimum local content of 50%.