

Bid Document

Bid Details	
Bid End Date/Time	16-08-2021 12:00:00
Bid Opening Date/Time	16-08-2021 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	70 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Na
Organisation Name	N/a
Office Name	Numaligarh Refinery Limited
Total Quantity	1
Item Category	BOQ
Years of Past Experience required	3 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	3 Days
Estimated Bid Value	400000
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

BOQ (1 pieces)

Brand Type	Unbranded
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Technical Specifications

Specification Document	View File
BOQ Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Arun Gogoi	785699,Numaligarh Refinery Limited, Chief General Manager (Commercial) PO-NRP, Numaligarh Warehouse office 03776-265562	1	280

Buyer Added Bid Specific Additional Terms and Conditions

1. (a) Third party inspection is to be carried out by BUYER'S approved Third party inspection agency i.e. by IRS / Lloyds / RITES / Bureau Veritas / DNV and TUBOSCOPE VETCO.
 (b) Raw material inspection for Chemical composition & Mechanical Properties.
 (c) Verification of certificate provided by the supplier for raw material from reputed manufacturer like TATA, SAIL, etc. specifying clearly suitability of material for manufacturing of pipe.
 (d) Finished Tube Inspection: Checking dimensions, wall thickness, end bevelling, threading / gauging, surface imperfections etc. 5% of the tubes at random will be checked / tested by Third Party Inspection agency.
 (e) Pneumatic / Hydraulic Testing : 10% of the pipes at random will be tested pneumatically / hydraulically by Third Party Inspection agency. The above test procedure is for offering to Third Party Inspection agency, whereas manufacturer will do testing of the entire quantity of pipe before offering to Third Party Inspection agency. The manufacturer will forward the various test certificates of their own testing after checked / verified / certified by the Third Party Inspection agency.
 (f) The above specification & testing should be as per IS: 1239(PART :1) (latest) and IS:554 (latest).
2. Scope of supply (Bid price to include all cost components) : Only supply of Goods
3. Buyer Added text based ATC clauses

PURCHASE OF CERAMIC BALLS FOR USE IN MSP OF NRL.

PRE-QUALIFICATION CRITERIA:

(a). Bidder must be manufacturer or authorized dealer of the manufacturer of ceramic balls. In case of authorized dealer, the bidder has to submit a valid dealership certificate from manufacturer along with offer.

(b). A reference list of earlier supplies for similar use, must be submitted with the offer. Reference of at least one Indian refinery/ chemical industry is required. Regarding this, bidder will submit a copy of purchase order of the material along with the offer.

(c) In case of MSME bidder, the experience criteria is waived. However the offered item shall meet the specification mentioned and the same should be supported with documentary evidence

ITEM NO. 1: INERT/CERAMIC BALL 3/4" SIZE; QUANTITY IN 4.0 METER CUBE (M3)

Introduction: The supplied ceramic balls shall be used as guard/support layers of catalyst bed of reactors in MSP (CRU, NHTU & ISOM Unit)

<u>Sl. no.</u>	<u>Technical Terms</u>	<u>Bidder's Confirmation</u>
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1	Specifications: The ceramic material must have a very high mechanical, thermal, and chemical stability so that they are neither damaged nor liberating volatile compounds when operating at high temperatures and pressures with a mixture of steam and reducing process gas. It should meet the physical and chemical properties as mentioned below: (1.1) Chemical Composition: The approximate composition of the ceramic balls are as mentioned below. (1.1.1) Al₂O₃ : 23 wt % (approx.) (1.1.2) SiO₂ : 69 wt% (approx.) (1.1.3) Leachable iron: 0.1% (1.2) Physical Properties: (1.2.1) Diameter : 19 mm (1.2.2) Water adsorption: 0.4% wt (1.2.3) Sock loading density: 1350 kg/m³ (1.2.4) Particle density: 2350 kg/m³ (1.2.5) Void fraction : 0.425 (1.3) The ceramic ball should be suitable for application temp. upto 1000 °C. (1.4) Ceramic balls must be machine pressed and not hand rolled.	Confirmed
2.	Operating Conditions: The ceramic balls shall be subjected to following operating conditions. Temperature - 550°C Pressure - 47.0 Kg/cm²(max.)	Confirmed

3	<u>Other Terms:</u> 1. Bidder must confirm the manufacturing method, i.e. Ceramic balls must be machine pressed and not hand rolled. 2. Test certificates (along with test method) of each properties from a reliable laboratory, should be submitted before the supply. 3. The bulk density(in Kg/m³) of the ceramic balls, for each size should also be mentioned. 4. The MSDS, shelf life, guidelines for handling & storage etc. should be submitted with offer. 5. Ceramic ball must be supplied in properly sealed in PPE bags inside sealed drums with antirust coating inside. The Brand name, NRL tag no, size, qty (net & gross wt), lot no., date of expiry etc. shall be clearly marked on each drum. -	Confirmed
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ITEM NO. 20: INERT/CERAMIC BALL 1/4" SIZE; QUANTITY IN 4.0 METER CUBE (M3)

<u>Sl. no.</u>	<u>Technical Terms</u>	<u>Bidder's Confirmation</u>
	Introduction: The supplied ceramic balls shall be used as guard/support layers of catalyst bed of reactors in MSP (CRU, NHTU & ISOM Unit)	

1	Specifications: The ceramic material must have a very high mechanical, thermal, and chemical stability so that they are neither damaged nor liberating volatile compounds when operating at high temperatures and pressures with a mixture of steam and reducing process gas. It should meet the physical and chemical properties as mentioned below: (1.1) Chemical Composition: The approximate composition of the ceramic balls are as mentioned below. (1.1.1) Al₂O₃ : 23 wt% (approx.) (1.1.2) SiO₂ : 69 wt% (approx.) (1.1.3) Leachable iron: 0.1% (1.2) Physical Properties: (1.2.1) Diameter : 6.3 mm (1.2.2) Water adsorption: 1% wt (1.2.3) Sock loading density: 1400 kg/m³ (1.2.4) Particle density: 2350 kg/m³ (1.2.5) Void fraction : 0.425 (1.3) The ceramic ball should be suitable for application temp. upto 1000 °C. (1.4) Ceramic balls must be machine pressed and not hand rolled.	Confirmed
2	Operating Conditions: The ceramic balls shall be subjected to following operating conditions. Temperature - 550.0 °C (max.) Pressure - 47.0 Kg/cm²g(max.)	- Confirmed

3	1. Bidder must confirm the manufacturing method, i.e. Ceramic balls must be machine pressed and not hand rolled. 2. Test certificates(along with test method) of each properties from a reliable laboratory, should be submitted before the supply. 3. The bulk density(in Kg/m³) of the ceramic balls, for each size should also be mentioned. 4. The MSDS, shelf life, guidelines for handling & storage etc. should be submitted with offer. 5. Ceramic ball must be supplied in properly sealed in PPE bags inside sealed drums with antirust coating inside. The Brand name, NRL tag no, size, qty (net & gross wt), lot no., date of expiry etc. shall be clearly marked on each drum.	- Confirmed
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ITEM NO. 3: INERT CERAMIC BALL 2" SIZE; QUANTITY IN 1.0 METER CUBE (M3)

<u>Sl. no.</u>	<u>Technical Terms</u>	<u>Bidder's Confirmation</u>
-	Introduction: The supplied ceramic balls shall be used as guard/support layers of catalyst bed in Naphtha Hydrotreating Reactor in MSP (NHTU)	

1	Specifications: The ceramic material must have a very high mechanical, thermal, and chemical stability so that they are neither damaged nor liberating volatile compounds when operating at high temperatures and pressures with a mixture of steam and reducing process gas. It should meet the physical and chemical properties as mentioned below: (1.1) Chemical Composition: The approximate composition of the ceramic balls are as mentioned below. (1.1.1) Alumina (Al₂O₃) : 23 % wt (approx.) (1.1.2) Silica (SiO₂) : 69 % wt (approx.) (1.1.3) Leachable iron : 0.1% % wt (Max) (1.2) Physical Properties: (1.2.1) Diameter : 2" (51mm) (1.2.2) Water adsorption capacity: 0.4% wt (Max) (1.2.3) Sock loading density: 1350 kg/m³ (1.2.5) Particle density: 2350 Kg/m³ (1.2.6) Void fraction : 0.425 (1.3) The ceramic ball should be suitable for application temp. upto 1000 °C. (1.4) Ceramic balls must be machine pressed and not hand rolled.	Confirmed
2	Operating Conditions: The ceramic balls shall be subjected to following operating conditions. Temperature - 550.0 °C (max.) Pressure - 47.0 Kg/cm²(max.)	- Confirmed

3	1. Bidder must confirm the manufacturing method, i.e. Ceramic balls must be machine pressed and not hand rolled. 2. Test certificates(along with test method) of each properties from a reliable laboratory, should be submitted before the supply. 3. The bulk density (in Kg/m3) of the ceramic balls should also be mentioned. 4. The MSDS, shelf life, guidelines for handling & storage etc. should be submitted with offer. 5. Ceramic ball must be supplied in properly sealed in PPE bags inside sealed drums with antirust coating inside. The Brand name, NRL tag no, size, qty (net & gross wt), lot no., date of expiry etc. shall be clearly marked on each drum.	– Confirmed
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DELIVERY PERIOD: The consignment shall delivered within 8 months from the date of PO at NRL site, Numaligarh, Assam in complete.

TIMELY DELIVERY IS THE ESSENCE OF THIS CONTRACT, BIDDERS HAVE TO SUBMIT CREDENTIALS TO COMPLY THE REQUIRED DELIVERY PERIOD OF 4 MONTHS ALONG WITH THEIR UNPRICED OFFER. NRL AT ITS DESCRIPTION MAY RESERVE THE RIGHT TO OUT RIGHTLY REJECT ANY BIDS WHERE ABOVE CREDENTIALS ARE NOT COMPILED WITHOUT FURTHER COMMUNICATION TO THE BIDDER.

THIRD PARTY INSPECTION CHARGE: Third Party Inspection is applicable. Seller to indicate the charge for Third Party Inspection Charge as per the respective quoted rates. Following TPI Agencies may be considered:

1. BVQI
2. DNV GL
3. Lloyds register

For any other agencies, successful bidder may take prior approval from NRL.

GUARANTEE PERIOD: 36 Months form the date of material delivery.

PERFORMANCE BANK GUARANTEE (PBG): Submission of Performance Bank Guarantee for 3% of total order value for supply valid till for full guarantee period plus 3(Three) months of claim period.

PAYMENT TERMS: As per GeM policy.

PRICE REDUCTION CLAUSE FOR DELAYED DELIVERY: In case of delay in execution of the supply order, NRL may at its option, recover from the bidder price reduction of 0.5% of the value of delayed goods per week of delay or part thereof subject to a maximum of 5% of the total order value of goods.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---