

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 18:00:00
Bid Opening Date/Time	27-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Indian Oil Corporation Limited
Organisation Name	Marketing Division
Office Name	Lpg Bottling Plant Ujjain
Total Quantity	580000
Item Category	NBR O-ring for self closing valves of LPG cylinders
Bidder Turnover (Last 3 Years)	5 Lakh (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Bidder Turnover *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
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	6

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Asst. Manager (Plant)
INDIAN OIL CORPORATION LIMITED, LPG Bottling Plant Ujjain, Marketing Division, Ministry of Petroleum and Natural Gas
(Mrigank Saini)

Splitting

Seller	Splitting in percentage
L1	60
L2	40

1. Bid Splitting: L1 would be awarded contract for highest percentage indicated in the bid splitting ratio. For the rest of the bid quantity, the L-1 rates / lowest accepted rate will be counter offered to the next higher quoting bidder(s) for price matching. On acceptance of the counter offer, the order will be placed on next higher quoting bidder(s) for the respective percentage. In case of nonacceptance of the counter offer by the next higher quoting bidder(s), a similar offer shall be made to L3 and L4, and so on. In case counter offered rates are not accepted for ratio of splitting quantity as per bid document by any of the subsequent bidders, the left over quantity will be divided between bidders who have accepted the rates in the ratio of their originally allocated quantities subject to their confirmation and after getting consent on mutually agreed delivery schedule for the additional quantity.

NBR O-ring For Self Closing Valves Of LPG Cylinders (580000 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Requirements	Base Polymer (% Nitrile)(as per NBR standard)	39	39, 38.47, 40, 38
	Hardness IRHD @RT&50%RH (as per ASTM-D1415 standard)	60	60, 62, 63
	Tensile strength @RT&50%RH (Min kg/sq, cm) (as per ASTM-D412 standard)	120	*
	% EB(elongation at Break) Min % @RT&50%RH (as per ASTM-D412 standard)	300	*
	Compression Set 5 RT 24 hrs (max %)(as per ASTM-D395 standard)	10	*
	Compression Set 100 deg 24 hrs (max %)(as per ASTM-D395 standard)	20	*
	Compression Set 100 deg 168 hrs (max %)(as per ASTM-D395 standard)	40	*
Ageing	Hardness change in hardness (Max) IRHD (as per ASTM-D1415 standard)	±10	*
	Tensile strength change Max % @RT&50%RH (as per ASTM-D412 standard)	± 25	*
	% Elongation at break D (as per ASTM-D412 standard)	±40	*
	Comp Set Change (Max %) RT 24 hrs (as per ASTM-D395 standard)	50	*
	Comp Set Change (Max %)	50	*

	100 deg 24 hrs (as per ASTM-D395 standard)		
Resistance to LPG or Pentane	% Absorbed (Max%)(as per IS 9798/8737 standard)	+10 to -9	*
	% Tot Ext (% min)(as per IS 9798/8737 standard)	+5 to -12	*
	Hardness change IRHD max	+10 to -10	*
	Resistance to Ozone No cracks (as per ASTM-D1149 standard)	No cracks for 72 hrs	*
	Tear Strength	16 Min kg /Sq/cm	*
	Rebound Resilience	40 + /- 10 %	*
	Cold Flexibility TR50	20 Min Deg	*
Packing	Packing	1,000 pieces will be packed in moisture proof plastic bags. 10 such plastic bags containing "O" Rings will be packed in strong cardboard cartons with PVC bands. The packing should be adequate to withstand handling and transit damage during transportation by Road	*
	Packing size	Each pack should contain 1000 numbers of O-rings (Joint Packing for SC Valves). The weight of 1000 numbers O rings packed in a polythene bag shall be between 680 to 720 grams (including the wt of the bag of min 40 microns).	*
Marking	"The containers shall be securely closed and legibly and indelibly marked with the following: a) Description of the material, b) Indication of the source of manufacture, c) Month and year of manufacture, d) Net mass of the material, and e) Lot number in code or otherwise to enable the batch of manufacture to be traced from records"	Yes	*
	Supplier identification ,Cavity Pin Number & Manufacturing year has to be embossed on the inner side of the O-ring samples as per Drawing Provided	Yes	*
Test Report Details	Availability of Test Report from LERC, Bangalore or any NABL accredited lab to prove conformity to specification	Yes	*
	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Yes	*

	Vendor should be OITC (Oil Industry Technical Committee) approved as per latest specification	Yes	*
Record & Guarantee	Record Maintenance:	Raw Material receipts and test reports, Inspection record for all dispatches (100%), Type tests - Record of values of compound batch nos. tested or certificate of the external testing agency.	*
	Warranty:	Warranty period is Two years from the date of manufacturing for unused O-rings only (Not applicable for the O rings which are put in use)	*
General	manufacturing component	The component should be manufactured as per drawing dated 06.09.2019 out of Nitrile Rubber compound approved by Oil Company	*
	Compliance parameter	The individual batch of compound should be certified for compliance to the formula and proper records are to be maintained. The compliance can be checked by means of any of the following parameters: i) Specific Gravity ii) Hardness iii) Cure Characteristics	*
	Physical properties	The compound should be properly compounded for resistance to LPG, resistance to atmospheric degradation particularly for Ozone, low compression set and optimum physical properties as specified.	*
	Blending	No other polymers should be blended and Non-black fillers like clay, talc or whiting should not be compounded.	*
	Inspection	The compound should be inspected for proper dispersion of the chemicals and contamination with any foreign particles.	*
	Aging time	Sufficient ageing time should be given to the compound before moulding and the compound should be properly identified while storage and should be used before the onset of vulcanization.	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally

be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

QR/Spcn document	View
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Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Mrigank Saini	456550,LPG Bottling Plant-Ujjain Village : Najarpur - Ghatia, Tehsil – Ghatia, Ujjain Agar Road, Ujjain	580000	30

Bid Specific Additional Terms and Conditions

- 1.Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of Indian Oil Corporation Ltd. payable at Ujjain. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
- 2.Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

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

---Thank You---