

## Bid Document

Bid Details	
<b>Bid End Date/Time</b>	06-08-2021 20:00:00
<b>Bid Opening Date/Time</b>	06-08-2021 20:30:00
<b>Bid Life Cycle (From Publish Date)</b>	90 (Days)
<b>Bid Offer Validity (From End Date)</b>	30 (Days)
<b>Ministry/State Name</b>	Ministry Of Petroleum And Natural Gas
<b>Department Name</b>	Bharat Petroleum Corporation Ltd
<b>Organisation Name</b>	Bharat Petroleum Corporation Ltd
<b>Office Name</b>	Lubes Northern Region
<b>Total Quantity</b>	5
<b>Item Category</b>	Wireless Access Point
<b>Years of Past Experience required</b>	1 Year (s)
<b>MSE Exemption for Years Of Experience</b>	Yes
<b>Startup Exemption for Years of Experience and Turnover</b>	No
<b>Document required from seller</b>	Experience Criteria *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
<b>Bid to RA enabled</b>	No
<b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method</b>	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.

## MII Purchase Preference

MI Purchase Preference	No
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## MSE Purchase Preference

MSE Purchase Preference	Yes
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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. 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.

3. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

## Wireless Access Point ( 5 pieces )

Brand Type	Registered Brand
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## Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
Specification	<b>Type of Access Point</b>	Stand alone
	<b>Deployment</b>	Indoor
	Mounting	Ceiling
	Number Of Radios	Dual
	Frequency Band	2.4 GHz & 5.0 GHz
	Supported Wi-fi Standards	802.11a, 802.11b/g, 802.11 b/g/n, 802.11ac, 802.11 a/b/g/n/ac, 802.11ac Wave 1, 802.11ac Wave 2
	<b>Wireless Speed Up to (Mbps)</b>	1733, 1750, 1774, 2500, 2974

Specification	Specification Name	Bid Requirement (Allowed Values)
	<b>Max Wireless Signal Range in Mts</b>	30, 90, 50
	Channel Width (MHz)	160, 80
	<b>Supported Encryption</b>	WEP, WPA-PSK, WPA-TKIP, 802.11i, EAP-TLS, WPA2 AES, 802.11, EAP-TLS., WPA AES
	Dedicated Console Port	Available, Not Available
	Device Management	Web-based Configuration Interface (GUI)
	Number of MIMO supported & Spatial Streams	4 x 4 :4
	Number of 10/100/1000 port	More than 2.0 Or higher
	mGig support	Available, Not Available
	Fiber port (in case of outdoor AP)	Not Available
	<b>On Site OEM Warranty (Years)</b>	3

#### Additional Specification Parameters - Wireless Access Point ( 5 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
WI-FI RADIO SPECIFICATIONS	<ul style="list-style-type: none"> <li>• 5 GHz 802.11ac 4x4 MU-MIMO (1,733 Mbps max rate)-Four RP-SMA connectors for external antenna operation • 2.4 GHz 802.11n 2x2 MIMO (300 Mbps max rate) radios-Two RP-SMA connectors for external antenna operation at 2.4 GHZ WI-FI RADIO SPECIFICATIONS • AP type: Indoor hardened, dual radio, 5 GHz 802.11ac 4x4 MIMO and 2.4 GHz 802.11n 2x2 MIMO • Software-configurable dual radio supports 5 GHz (Radio 0) and 2.4 GHz (Radio 1)</li> </ul>
WI-FI RADIO SPECIFICATIONS-part2	<ul style="list-style-type: none"> <li>• 5 GHz: Four spatial stream Multiuser (MU) MIMO for up to 1,733 Mbps wireless data rate to up to three MU-MIMO capable client devices simultaneously • 5 GHz: Four spatial stream Single User (SU) MIMO for up to 1,733 Mbps wireless data rate to individual 4x4 VHT80 or 2x2 VHT160 client devices • 2.4 GHz: Two spatial stream Single User (SU) MIMO for up to 300 Mbps wireless data rate to individual 2x2 HT40 client devices</li> </ul>
WI-FI RADIO SPECIFICATIONS-part3	<ul style="list-style-type: none"> <li>• Support for up to 256 associated client devices per radio, and up to 16 BSSIDs per radio. • 802.11n high-throughput (HT) support: HT 20/40 • 802.11ac very high throughput (VHT) support: VHT 20/40/80/160 • 802.11n/ac packet aggregation: A-MPDU, A-MSDU</li> </ul>
WI-FI ANTENNA PORTS SPECIFICATIONS	<ul style="list-style-type: none"> <li>• 5 GHz -Four RP-SMA connectors for external antenna operation • 2.4 GHz - Two RP-SMA connectors for external antenna operation</li> </ul>

Specification Parameter Name	Bid Requirement (Allowed Values)
OTHER INTERFACES	One 10/100/1000BASE-T Ethernet network interfaces (RJ-45)-Auto-sensing link speed and MDI/MDX-802.3az Energy Efficient Ethernet (EEE) • One 1000BASE-X SFP Port • Bluetooth Low Energy (BLE) radio-Up to 4 dBm transmit power (class 2) and -91 dBm receive sensitivity • Visual indicator (multi-color LED): For system and radio status • Reset button: Factory reset (during device power up) • Micro USB console interface

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Ashok Kumar Bairwa	201102,BHARAT PETROLEUM CORPORATION LTD. MAK LUBE PLANT,HASTINAPUR YOJNA, VILLAGE TEELASHAVAJPUR, P.O. LONI	5	15

#### Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	WI-FI RADIO SPECIFICATIONS <a href="#">View</a>	5 GHz 802.11ac 4x4 MU-MIMO (1,733 Mbps max rate)-Four RP-SMA connectors for external antenna operation • 2.4 GHz 802.11n 2x2 MIMO (300 Mbps max rate) radios-Two RP-SMA connectors for external antenna operation at 2.4 GHZ WI-FI RADIO SPECIFICATIONS • AP type: Indoor hardened, dual radio, 5 GHz 802.11ac 4x4 MIMO and 2.4 GHz 802.11n 2x2 MIMO • Software-configurable dual radio supports 5 GHz (Radio 0) and 2.4 GHz (Radio 1) • 5 GHz: Four spatial stream Multiuser (MU) MIMO for up to 1,733 Mbps wireles	Wireless Access Point(5)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

#### Buyer Added Bid Specific Additional Terms and Conditions

- The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- Single order of at least 35% of estimated bid value; or
- Two orders of at least 20% each of estimated bid value; or
- Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

## 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---**