

## Bid Document

<b>Bid Details</b>	
<b>Bid End Date/Time</b>	30-09-2022 16:00:00
<b>Bid Opening Date/Time</b>	30-09-2022 16:30:00
<b>Bid Offer Validity (From End Date)</b>	80 (Days)
<b>Ministry/State Name</b>	Pmo
<b>Department Name</b>	Department Of Atomic Energy
<b>Organisation Name</b>	Uranium Corporation Of India Limited
<b>Office Name</b>	Jaduguda
<b>Total Quantity</b>	2
<b>Item Category</b>	Multi Gas Detector (Version 1.0) (Q2)
<b>Minimum Average Annual Turnover of the bidder (For 3 Years)</b>	1 Lakh (s)
<b>OEM Average Turnover (Last 3 Years)</b>	4 Lakh (s)
<b>Years of Past Experience Required for same/similar service</b>	1 Year (s)
<b>MSE Exemption for Years Of Experience and Turnover</b>	Yes
<b>Startup Exemption for Years Of Experience and Turnover</b>	Yes
<b>Document required from seller</b>	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Annual 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
<b>Past Performance</b>	30 %
<b>Bid to RA enabled</b>	No
<b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
<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**

MII Purchase Preference	Yes
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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" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. 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" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. 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. 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 above 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.
4. 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.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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.
6. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are

not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

7. 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.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 30% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

### Multi Gas Detector (Version 1.0) ( 2 pieces )

**(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)**

Brand Type	Registered Brand
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#### Technical Specifications

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

Specification	Specification Name	Bid Requirement (Allowed Values)
TYPE/APPLICATION/T ECHNOLOGY	<b>Type</b>	Portable /Handheld
	<b>Detactable Gases</b>	Combustible Gas-Lower Explosive Limit(LEL), Oxygen(O2), Hydrosulfide(H2S), Carbon Monooxide(CO), Ammonia(NH3), Sulfur dioxide(SO2), Chlorine(Cl2)
	Preset Value (To generate audio- visual alarm )	User Setable
	Gases for which Preset value to be set by user	Lower Explosive Limit(LEL), Oxygen(O2), Hydrosulfide(H2S), Carbon Monooxide(CO), Ammonia(NH3), Sulfur dioxide(SO2), Chlorine(Cl2)
AREA OF USE - HAZARDOUS AREA CLASSIFICATION	Hazardous area classification standard	IEC 60079 (latest)
	<b>Area of use - Hazardous area classification</b>	Intrinsically safe for use in hazardous area classification conforming to Class I, Division I, Group A, B, C & D or Zone - 0, Group-IIA, IIB & IIC
MEASUREMENT OF Combustible Gas- Lower Explosive Limit(LEL)	<b>Measurment Range of Combustible gas(LEL)</b>	0 -100 %
	<b>Resolution of the Combustible gas(LEL) measurement</b>	1 %

Specification	Specification Name	Bid Requirement (Allowed Values)
MEASUREMENT OF OXYGEN(O2)	<b>Measurment Range of Oxygen(O2) gas concentration</b>	0 -25 %
	<b>Resolution of the Oxygen(O2) measurement</b>	0.1
MEASUREMENT OF HYDROGEN SULFIDE (H2S)	<b>Measurment Range of HYDROGEN SULFIDE (H2S) gas concentration</b>	0 -100 ppm
	<b>Resolution of the HYDROGEN SULFIDE (H2S) measurement</b>	1 ppm
MEASUREMENT OF SELECTABLE GAS(CO/NH3/SO2/CL 2 etc)	<b>Measurment Range of Selectable Gas(CO/NH3/SO2/CI2)</b>	0 -500 ppm
	<b>Resolution of the Range of Selectable Gas(CO/NH3/SO2/CI2) measurement</b>	0.1 ppm
PERFORMANCE PARAMETER OF THE DETECTOR	Accuracy	+/- 2 % of measured value
SAMPLING PUMP	<b>Sampling Pump</b>	NA
	<b>Remote Sampling Accessories in the scope of Supply</b>	NA
POWER SOURCE	<b>Power Source</b>	Rechargeable Batteries;
	Battery Size	Inbuilt Replaceable rechargeable Battery
	Battery chemistry	Ni-MH
	"Number of Batteries required for operation "	One Number of Inbuilt replacable rechargeable Batteries
	Number of Batteries Inclusive in the Scope of Supply	1
	Suitable Battery Charger operable with 230 V + 5%, 50 Hz AC inclusive in the scope of supply	Yes Or higher
GENERIC	Display	Self-illuminating back-light digital display
	Housing Material	Poly carbonate
FEATURES	Display Features	Simultaneous Display for all four gases, Simultaneous readout for each gas monitored in ppm, %, LEL as aplicable, NA
ACCESSORIES	<b>Accessories in the scope of supply</b>	Calibration cup/adaptor/calibration tubing to facilitate calibration locally, Operation Manual, Carrying case
WARRANTY/SERVICE	<b>Warranty on Equipment</b>	12, 24 Or higher
	<b>Warranty on Sensor</b>	12, 24 Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Maximum Time period within which any defects reported be rectified, at the buyer/consigne site, without any extra cost during warranty period of equipment	two weeks ( from reporting of the defect)
OPERATING ENVIRONMENT	Maximum Operating Temperature	50.0 Or higher
CALIBRATION CERTIFICATE	Calibration Certificate issuing authority	OEM Certificate
TEST REPORT	Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification	OEM
	Agree to provide all relevant documents Test Reports/supporting document /reports etc to the buyer at the time of bidding or on demand	Yes

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Supriyo Sarkar	832102,UCIL JADUGUDA STORE CHIEF SUPERINTENDENT STORE AT/PO-JADUGUDA MINES MAIN BUILDING URANIUM CORPORATION OF INDIA LTD Ph No : 9431139916	2	45

#### Buyer Added Bid Specific Terms and Conditions

##### 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

##### 2. Scope of Supply

Scope of supply (Bid price to include all cost components) : Only supply of Goods

### 3. Certificates

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

### 4. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

### 5. Generic

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

### 6. Generic

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- i) The Seller fails to comply with any material term of the Contract.
- ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- iv) The Seller becomes bankrupt or goes into liquidation.
- v) The Seller makes a general assignment for the benefit of creditors.
- vi) A receiver is appointed for any substantial property owned by the Seller.
- vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

### 7. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

## **Technical Specification of Multi Gas Detector**

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**Name of The Item** : Multi Gas Detector Portable/Hand Held Electro Chemical Type - Replaceable sensor & Catalytic type.

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**Scope of Use** : To be used in Underground Mines for detecting the presence of noxious gases in underground mine environment

### **Specification:**

Type : Portable /Handheld

Detectable Gases : Combustible Gas-Lower Explosive Limit(LEL) ,Oxygen(O2) ,Hydrosulfide(H2S) ,Carbon Monoxide (CO)

Area of use - Hazardous area classification : Intrinsically safe for use in hazardous area (U/G metal Mines)

### **Type/Application/Technology**

Type : Portable /Handheld

Technology : Electro-Chemical type - replaceable sensor and Catalytic Type

Functions : To generate audio -visual alarm at Preset value along with simultaneous digital display of i) Lower Explosive Limit(LEL) ii) O2 iii) H2S iv) CO

Detectable Gases : Combustible Gas-Lower Explosive Limit(LEL),Oxygen(O2),Hydrosulfide(H2S),Carbon Monoxide(CO)

Preset Value (To generate audio- visual alarm ) : User Setable

Gases for which Preset value to be set by user : Lower Explosive Limit(LEL),Oxygen(O2),Hydrosulfide(H2S),Carbon Monoxide(CO)

### **Area of Use - Hazardous Area Classification**

Hazardous area classification standard : IEC 60079 (latest)

Area of use - Hazardous area classification : Intrinsically safe for use in hazardous area classification conforming to Class I, Division I, Group A, B, C & D or Zone - 0, Group-IIA, IIB & IIC

### **Measurement of Combustible Gas - Lower Explosive Limit (LEL)**

Measurement Range of Combustible gas(LEL) : 0 -100 %

Resolution of the Combustible gas(LEL) measurement : 1 %

### **Measurement of Oxygen (O2)**

Measurement Range of Oxygen(O2) gas concentration : 0 - 25 %

Resolution of the Oxygen(O2) measurement : 0.1

### **Measurement of Hydrogen Sulphide(H2S)**

Measurement Range of HYDROGEN SULFIDE (H2S) gas concentration : 0 - 100 ppm

Resolution of the HYDROGEN SULFIDE (H<sub>2</sub>S) measurement : 1 ppm

### **Measurement of selectable Gas (CO)**

Measurement Range of Selectable Gas(CO) : 0 - 500 ppm

Resolution of the Range of Selectable Gas(CO) measurement : 0.1 ppm

### **Performance parameter of the Detector**

Accuracy : +/- 2 % of measured value

### **Sampling Pump**

Sampling Pump : NA

Remote Sampling Accessories in the scope of Supply : NA

### **Power Source**

Power Source : Rechargeable Batteries;

Battery Size : Inbuilt Replaceable rechargeable Battery

Battery chemistry : Ni-MH

"Number of Batteries required for operation " : One Number of Inbuilt replacable rechargeable Batteries

Number of Batteries Inclusive in the Scope of Supply : 1

Suitable Battery Charger operable with 230 V + 5%, 50 Hz AC inclusive in the scope of supply : Yes

### **Generic**

Display : Self-illuminating back-light digital display

Housing Material : Poly carbonate

Application : For detection of LEL/O<sub>2</sub>/H<sub>2</sub>S/CO



## **Features**

Display Features	:	Simultaneous Display for all four gases, Simultaneous readout for each gas monitored in ppm, %, LEL as applicable, NA
Audio Visual Alarm	:	Audible 360 DEGREE

## **Accessories**

Accessories in the scope of supply		Calibration cup/adaptor/calibration tubing to facilitate calibration locally, Operation Manual, Carrying case
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## **Warranty/Services**

Warranty on Equipment	:	12 month
Warranty on Sensor	:	12 month
Maximum Time period within which any defects reported be rectified, at the buyer/consignee site, without any extra cost during warranty period of equipment	:	two weeks ( from reporting of the defect)

## **Operating Environment**

Minimum Operating Temperature	:	20 degree Celsius
Maximum Operating Temperature	:	50 degree Celsius
Operating Humidity	:	Up to 90%(Non-Condensing)

## **General Technical Requirement (GTR)**

Other General Requirement	:	a) Agreed to provide Declaration on the cross-sensitivity of sensor with other gasses, to the buyer at the time of supply. b) Agreed to provide details regarding frequency of calibration as recommended by OEM or calibration frequency is once in six month whichever is earlier. c) Agreed to provide 2 free calibration services per year during warranty period. g) Agreed to provide authorized supplier having valid authorization from OEM. d) Agreed to provide relevant technical literature of the offered instrument with make & model with copy of relevant approval, including sensor specification sheet for sensor used in the instrument.
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## **Calibration Certificate**

Calibration Certificate provided : Yes

Calibration Certificate issuing authority : OEM Certificate

## **Test Report**

Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification : OEM

Agree to provide all relevant documents Test Reports/supporting document /reports etc to the buyer at the time of bidding or on demand : Yes

## **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 specifications 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. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

[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---**