

Request for Quotation (RFQ)  
Limited market approach

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**GOVERNMENT OF TAMIL NADU  
TAMIL NADU ROAD SECTOR PROJECT - II  
ICERS CELL**

**Procurement of Goods  
Under  
National Shopping**

**Request for Quotation (RFQ)**

RFQ NO. : IN – TNRSP – 147315 – GO – RFQ

NAME OF NON-CONSULTING SERVICE : INVITATION FOR QUOTATIONS FOR SUPPLY OF BREATH ALCOHOL ANALYSER WITH IN-BUILT PRINTER FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS.

PERIOD OF SALE OF RFQ : FROM 08.02.2020 TO 24.02.2020

LAST DATE AND TIME FOR SUBMISSION OF QUOTATION : DATE 24.02.2020 TIME 15.00 HOURS

TIME AND DATE OF OPENING OF QUOTATION : DATE 25.02.2020 TIME 15.00 HOURS

PLACE OF OPENING OF QUOTATION : Guindy, Chennai -25

OFFICER INVITING QUOTATION : Superintending Engineer (H)

ADDRESS FOR COMMUNICATION : ICERS cell, O/o the Director General, Highways Department, 76, Sardarpatel Road, 1st Floor, Integrated Chief Engineers Building, HRS Campus, Guindy, Chennai -600025, Tamil Nadu, India

07<sup>th</sup> FEBRUARY 2020

**INVITATION FOR QUOTATIONS FOR SUPPLY OF  
GOODS UNDER SHOPPING PROCEDURES**

To

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Dear Sirs,

Sub : INVITATION FOR QUOTATIONS FOR SUPPLY OF BREATH ALCOHOL ANALYSER WITH IN-BUILT PRINTER FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications	Quantity	Delivery Period	Place of Delivery	Installation /Demo Requirement if any
Breath Alcohol Analyser with In-built printer With Warranty and CAMC for 5 Years in Total	Indicated at Annexure I	34 Nos.	30 days from notification of award	SP Office, Kancheepuram (24 Nos.) & SP Office Tiruvannamalai (10 Nos.)	Yes

2. Government of India has received a financing from the World Bank towards the cost of the Tamil Nadu Road Sector Project - II and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.

3. To assist you in the preparation of your quotation, we are enclosing the following :

Annexure I : Technical Specification.  
Annexure II: Format for Letter of Quotation  
Annexure III: Format for Compliance of Technical requirement  
Annexure IV: Format for Quotation  
Annexure V: Format for Supply order

4. **Bid Price**

- 4.1 The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- 4.2 All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.

- 4.3 GST in connection with the sale shall be shown separately.
- 4.4 The rates quoted by the bidder shall include the cost of inland transportation and other incidentals for delivery of the goods to the final destination.

- i. Unloading, safe storage and handling of consignment at site.
- ii. Site assembly of the supplied goods if any at site, installation, testing and commissioning of the equipment.
- iii. Maintenance and/or repairs of the supplied goods at each location during the warranty period including spares.
- iv. Training to be given to at least 50 persons to operate the Equipment procured at both delivery locations

4.5 The Prices shall be quoted in Indian Rupees only.

5. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation

#### 6. **Validity of Quotation**

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.

#### 7. **Evaluation of Quotations**

7.1 The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed;
- (b) conform to the terms and conditions, and specifications and
- (c) furnish the factory acceptance test certificate

7.2 The Quotations would be evaluated for all item together.

7.3 GST in connection with sale of goods shall not be taken into account in evaluation.

#### 8. **Award of contract**

8.1 The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.2 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

- 8.3 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order.
9. The Vendor shall get completion certificate on Supply, Installation, commissioning, testing and training from the Police Department.
10. Payment shall be made by the ICERS Cell after getting certificate from Police department towards delivery of the goods, successful installation, commissioning, testing and Training in the following terms.

<b>S.No</b>	<b>Description</b>	<b>Payment Percentage (% on total quoted price)</b>
1	Successful delivery of the goods; successful installation; commissioning and testing	90%
2	Successful completion of training	10%

11. Supply, Installation and commissioning shall be completed within 45 days from issuance of supply order.
12. You shall furnish performance security for 10% of contract value validity period upto 5 years by means of Bank Guarantee in favour of Divisional Engineer (H), ICERS Cell, Highways Department, Guindy, Chennai-60025 Payable at Chennai which will be returned after satisfactory completion of CAMC period
13. The Vendor should produce the schedule for Supply, Installation and Commissioning within one week once the supply order is issued.
14. The product should be associated with manufacture Warranty and Comprehensive AMC up to 5 years.
15. The Supplier requires supplying the items exactly as per specification and will be responsible to replace any defective supplies at his risk and cost if any as directed by the concerned department.
16. The successful bidder should arrange for free demo / working trail of equipment (if required) at the delivery place / Manufactures place as the case may be at the supplier cost. The supply will be accepted subject to the satisfactory demonstration of the equipment to the concerned department and to furnish site acceptance test certificate.
17. The bidder/service providers are required to submit all the required documents related quotation latest by 15.00 hours on 24.02.2020
18. The quotation submitted by the Service Provider shall comprise the following: (a) Letter of Quotation, (b) Compliance of Technical requirement and (c) Quotation (d) Factory acceptance certificate
19. Quotation will be opened at 15.00 Hrs on 25.02.2020 in the presence of bidders.

20. We look forward to receiving your quotations and thank you for your interest in this project.
21. Request for Quotation (RFQ) in English are available online [www.tnrsdp.gov.in](http://www.tnrsdp.gov.in) which is free of cost. The bidder/service provider would be responsible for ensuring that any addendum available on the website is also downloaded and incorporated.

Superintending Engineer (H),  
ICERS Cell, o/o the Director General,  
Highways Department,  
76, Sardar Patel Road, Guindy,  
Chennai – 600 025, Tamil Nadu, INDIA  
Email: [tnicerscell@gmail.com](mailto:tnicerscell@gmail.com)

**Annexure –I**  
**TECHNICAL SPECIFICATION**

Sl.No.	Features & specifications
1.	<b>Technology:</b> Based on Electro Chemical Fuel Cell (Alcohol specific) Technology. It should be based on “Hygenic Blow” technology and not on side blow technology.
2.	<b>Sampling Method:</b> Deep lung exhalation sample should be drawn in to the sensor
3.	<b>Sampling Error:</b> Unit should detect and give alarm to incorrect sampling.
4.	<b>Sampling Mode:</b> Breath Analyser should take automatic or manual breath sample. The exhaled breath from the suspect should not be directed to the testing officer but routed back safely without passing on airborne infection to the testing officer(Hygenic Blow Technology)
5.	<b>Accuracy:</b> +/-5mg/dl till 100mg/dl and +/- 5% from 101 to 500mg/dl.
6.	<b>Operating Temperature:</b> Between -5 Degrees Centigrade to +50 Degree Centigrade
7.	<b>Response Time:</b> Duration of sample taking should be between 3 to 6 seconds. The unit should give a result in less than 10 seconds for BAC values till 100mg/dl and less than 30 seconds for upto 500mg/dl.
8.	<b>Memory:</b> Memory to hold min. 40,000 measured values with date- time and suspect details on FIFO basis. It should be possible to statistically evaluate the data for MIS reporting
9.	<b>Mouth Piece:</b> Test should be done with disposable and hygienic (with non-return valve) mouth pieces and provision to add a local straw as well , to save per test cost.
10.	<b>Battery :</b> Inbuilt Li-ion rechargeable battery
11.	<b>Data Interface:</b> Breath Analyzer should have USB port for data out.
12.	<b>Breath Analyzer printer:</b> Inbuilt thermal printer, printing on spot report with built in battery capable of at least 200 printouts with a single charge. Printer paper width should be 57 mm and should be available locally easily. Printout should be configurable as per the end users requirement.
13.	<b>Printout Specification :</b> The printout should have the following details Date, Time ,Serial Number of device, Calibration Date, Air Blank Test result, Name , DL Number, Vehicle Number, Test Location, Testing Officer, Measured BAC, Signature of Driver, Signature of Officer, Remarks.
14.	<b>Passive Mode:</b> It should be possible to detect mouth alcohol in non-co-operative suspects instantly using Passive Test, to randomly screen suspects before subjecting them to breathe alcohol testing.
15.	<b>Display:</b> 2.4 Inch or more color display and readable in day light. Should not be Touch

Sl.No.	Features & specifications
	Screen Type which is prone to failure easily.
16.	<b>Calibration</b> should be once in a year.
17.	Breath Analyzer should not be affected by Acetone, Paint, etc.
18.	Breath Analyzer should be able to detect Alcohol up to 500 mg/100 ml
19.	<b>QWERTY KEY PAD</b> : It should be possible to enter all the subject data into the unit and saved for further retrieval. The printout should also have these entered data. Device should have QWERTY mini Keypad with physical keys for longer life.
20.	<b>Certification</b> : Manufacturer should have relevant ISO certification
21.	Supply : The Breath Analyzer should be supplied with 50 nos of mouth pieces,500 nos of Straw, Charger for device and Printer, Printer , User Manual all in a ergonomic carry case.
22.	Warranty : Devices should be supplied with 2 years warranty from date of supply.
23	Training of Man Power to be provided.



**Annexure –II**

**FORMAT FOR LETTER OF QUOTATION**

Description of the Works: SUPPLY OF BREATH ALCOHOL ANALYSER WITH IN-BUILT PRINTER FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS

To:

The Superintending Engineer (H),  
ICERS cell, O/o the Director General, Highways Department,  
76, Sardarpatel Road, 1st Floor, Integrated Chief Engineers Building,  
HRS Campus, Guindy,  
Chennai -600025, Tamil Nadu, India

Subject : SUPPLY OF BREATH ALCOHOL ANALYSER WITH IN-BUILT PRINTER FOR POLICE DEPARTMENT IN KANCHEEPURAM & TIRUVANNAMALAI DISTRICTS

Reference : RFQ NO: IN – TNRSP – 147315 – GC – RFQ dated: 07.02.2020 from Superintending Engineer (H), ICERS cell

Sir,

We offer to supply the goods described in referred RFQ above in accordance with the Conditions of Procurement for a total Contract Price of -

Rs.\*\* \_\_\_\_\_ [ in figures ]

Rs. \_\_\_\_\_ [ in words ].

This quotation and your written acceptance of it shall constitute a binding contract between us.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive arrangements with the competitors.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Invitation to RFQ.

We have not been debarred/removed from approved lists/(dealings suspended) by the Central/State Governments or by the World Bank.

Yours faithfully,

Authorized Signature : \_\_\_\_\_ Date: \_\_\_\_\_

Name & Title of Signatory : \_\_\_\_\_

Name of Bidder : \_\_\_\_\_

Address : \_\_\_\_\_

\*\* To be filled in by the Bidder, together with his particulars and date of submission at the bottom of this Form.

## Annexure –III

### COMPLIANCE STATEMENT

Vendor Name : \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

GST No : \_\_\_\_\_

PAN No : \_\_\_\_\_

Sl.No	Description	Compliance (Yes/No)	Remarks
1	<b>Technology:</b> Based on Electro Chemical Fuel Cell (Alcohol specific) Technology. It should be based on "Hygenic Blow" technology and not on side blow technology.		
2	<b>Sampling Method:</b> Deep lung exhalation sample should be drawn in to the sensor		
3	<b>Sampling Error:</b> Unit should detect and give alarm to incorrect sampling.		
4	<b>Sampling Mode:</b> Breath Analyser should take automatic or manual breath sample. The exhaled breath from the suspect should not be directed to the testing officer but routed back safely without passing on airborne infection to the testing officer (Hygienic		

Sl.No	Description	Compliance (Yes/No)	Remarks
	Blow Technology)		
5	<b>Accuracy:</b> +/-5mg/dl till 100mg/dl and +/- 5% from 101 to 500mg/dl.		
6	<b>Operating Temperature:</b> Between -5 Degrees Centigrade to +50 Degree Centigrade		
7	<b>Response Time:</b> Duration of sample taking should be between 3 to 6 seconds. The unit should give a result in less than 10 seconds for BAC values till 100mg/dl and less than 30 seconds for upto 500mg/dl.		
8	<b>Memory:</b> Memory to hold min. 40,000 measured values with date- time and suspect details on FIFO basis. It should be possible to statistically evaluate the data for MIS reporting		
9	<b>Mouth Piece:</b> Test should be done with disposable and hygienic (with non-return valve) mouth pieces and provision to add a local straw as well , to save per test cost.		
10	<b>Battery:</b> Inbuilt Li-ion rechargeable battery		

Sl.No	Description	Compliance (Yes/No)	Remarks
11	<p><b>Data Interface:</b> Breath Analyzer should have USB port for data out.</p>		
12	<p><b>Breath Analyzer printer:</b> Inbuilt thermal printer, printing on spot report with built in battery capable of at least 200 printouts with a single charge. Printer paper width should be 57 mm and should be available locally easily. Printout should be configurable as per the end user's requirement.</p>		
13	<p><b>Printout Specification:</b> The printout should have the following details Date, Time, Serial Number of device, Calibration Date, Air Blank Test result, Name , DL Number, Vehicle Number, Test Location, Testing Officer, Measured BAC, Signature of Driver, Signature of Officer, Remarks.</p>		
14	<p><b>Passive Mode:</b> It should be possible to detect mouth alcohol in non-co-operative suspects instantly using Passive Test, to randomly screen suspects before subjecting them to breathe alcohol testing.</p>		

Sl.No	Description	Compliance (Yes/No)	Remarks
15	<b>Display:</b> 2.4 Inch or more color display and readable in day light. Should not be Touch Screen Type which is prone to failure easily.		
16	<b>Calibration:</b> Should be once in a year.		
17	Breath Analyzer should not be affected by Acetone, Paint, etc.		
18	Breath Analyzer should be able to detect Alcohol up to 500 mg/100 ml		
19	<b>QWERTY KEY PAD:</b> It should be possible to enter all the subject data into the unit and saved for further retrieval. The printout should also have these entered data. Device should have QWERTY mini Keypad with physical keys for longer life.		
20	<b>Certification:</b> Manufacturer should have relevant ISO certification		
21	<b>Supply:</b> The Breath Analyzer should be supplied with 50 nos of mouth pieces, 500 nos of Straw, Charger for device and Printer, Printer, User Manual all in an ergonomic carry case.		
22	<b>Warranty:</b> Devices should be supplied		

Sl.No	Description	Compliance (Yes/No)	Remarks
	with 2 years warranty from date of supply.		
23	<b>Training:</b> Training of Man Power to be provided.		

**Annexure –IV**

**FORMAT FOR QUOTATION**

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
1	Breath Alcohol Analyser with In-built printer with 2years Warranty	Indicated at Annexure I	34	Nos.			
2	3 <sup>rd</sup> Year CAMC						
3	4 <sup>th</sup> Year CAMC						
4	5 <sup>th</sup> Year CAMC						
	<b>TOTAL</b>						
	<b>Applicable GST</b>						

**Gross Total Cost : Rs. ....**

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. .... (amount in figures ) (Rs. .... amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of Two year shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf has engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices (as defined in the prevailing World Bank's sanctions procedures) in competing for or in performing the Contract.

**Signature of Supplier**

**Annexure –V**

OFFICE OF .....  
.....

**SUPPLY ORDER**

To:

M/s

.....  
.....  
.....  
.....

Dear Sirs,

Sub: Supply of .....  
.....

Ref Your quotation no..... dated .....

1. Your quotation no.....of .....(Date) for the supply of ..... **has been accepted. You are requested to** supply the following goods/equipment at the rates quoted by you and specified against each as per the specifications and terms & conditions specified hereunder:

SL.No	Brief description of goods/ equipment	Specifications	Quantity to be supplied	Unit Rate (Rs.)	Total Price (Rs.)
1					
2					
3					
			Total		

GST will be extra

2. Delivery Period: .....days from the date of issue of this supply order.
3. Place of delivery: SP Office, Kancheepuram & SP Office Tiruvannamalai
4. Consignee Address: .....
5. Standard Manufactures commercial Warranty/Guarantee shall be..... months from the date of delivery and acceptance.
6. Other terms and conditions are as under:



- a. The Vendor should produce the schedule for Supply, Installation and Commissioning within one week once the supply order is given.
- b. Supply, Installation and commissioning shall be completed within 45 days from issuance of supply order.
- c. Payment shall be made by the ICERS Cell after getting certificate from Police department towards delivery of the goods, successful installation, commissioning, testing and Training in the following terms.

<b>S.No</b>	<b>Description</b>	<b>Payment Percentage (% on total quoted price)</b>
1	Successful delivery of the goods; successful installation; commissioning and testing	90%
2	Successful completion of training	10%

- d. The Vendor shall get completion certificate on Supply, Installation, commissioning, testing and training from the Police Department and submit the same to ICERS cell, O/o the Director General, Highways Department, HRS Campus, Guindy, Chennai -600025.
- e. ICERS Cell, Highways Department shall make the payment to the successful vendor after getting the necessary clearance from the Police Department.
- f. You shall furnish performance security for 10% of contract value by means of Bank Guarantee in favour of Divisional Engineer (H), ICERS Cell, Highways Department, Guindy, Chennai-60025 at Chennai which will be returned after satisfactory completion of AMC period
- g. Bank Guarantee in the form of irrevocable unconditional issued by any commercial bank in India in favour of Divisional Engineer (H) ICERS cell, O/o the Director General, Highways Department, HRS Campus, Guindy, Chennai -600025
- h. The product should be associated with manufacturer Warranty and Comprehensive AMC up to 5 years.

**(Purchaser)**

Date:

Place:

Name: .....

Designation:.....