



**OIL INDIA LIMITED**  
**(A Govt. of India Enterprise)**  
**P.O. Duliajan – 786602, Assam**

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Tender No. & Date	:	<b>SDG 6747 P18/08 dated: 21.12.2017</b>
Tender Fee	:	<b>INR 12,000.00 OR USD 200.00</b>
Bid Security Amount	:	<b>INR 2,04,000.00 OR USD 3,250.00</b>
Bidding Type	:	<b>SINGLE STAGE TWO BID SYSTEM</b>
Period of Sale of Bid Documents	:	<b>From 27.12.2017 to 07.02.2018; 15:30 Hrs(IST)</b>
Bid Closing on	:	<b>14.02.2018 (at 11.00 Hrs. IST)</b>
Bid Opening on	:	<b>14.02.2018 (at 14.00 Hrs. IST)</b>
Bid Validity	:	<b>Bid Should be valid for 120 days from bid closing date.</b>
Bid Bond Validity	:	<b>Bid Bond Should be valid up to 14.09.2018</b>
Performance Guarantee	:	<b>Applicable @ 10% of Order value</b>
Integrity Pact	:	<b>Applicable</b>
List of Annexures Applicable	:	<b>Annexure - I: Specifications, General &amp; Special notes to bidders</b> <b>Annexure- II: Bid evaluation &amp; Rejection Criteria</b> <b>Annexure- III: Check List (Technical &amp; Commercial)</b> <b>Annexure-IV: Certificate of Annual Turnover &amp; Net Worth</b>

**AA:: TECHNICAL SPECIFICATIONS**

SL NO	ITEM DESCRIPTION	QUANTITY
10	ULTRASONIC FLAW DETECTOR	01 No
20	INSTALLATION & COMMISSIONING OF ULTRASONIC FLAW DETECTOR	01 AU

**ITEM DESCRIPTION:****SPECIFICATION & SPECIAL INSTRUCTIONS OF ULTRASONIC EQUIPMENT:****1.0 SCOPE OF SUPPLY**

1.1 Supply of Brand new portable Digital Ultrasonic Flaw Detector Equipment along with all accessories complete for in-service weld inspection & corrosion mapping of various components. The major components are ferrous and ferrous alloy components like pipes, vessel, storage tanks, equipment etc.

1.2 Supply of Brand new Wheel Probe for corrosion mapping. The equipment should be capable of detecting flaws in metal (Flat and round / curved surfaces) thickness of 5 to 300 mm. The major components are ferrous and ferrous alloy components like pipes, vessel, storage tanks, equipment etc. Other materials are Stainless Steel, Titanium, Phosphor Bronze, Aluminium Alloys and Composite material.

1.3 The scope of work also includes supply, installation & Commissioning & imparting training of the Digital Ultrasonic Flaw Detector Equipment and Corrosion Wheel Probe Equipment along with all accessories complete for both the items with actual testing & result of the tests at OIL's premises up to the satisfaction of Oil India Limited.

**2.0 DETAIL TECHNICAL SPECIFICATIONS:****2.1 SPECIFICATION FOR ULTRASONIC FLAW DETECTOR**

a) Ultrasonic Flaw Detector Equipment: The Ultrasonic Flaw Detector equipment should be automated digital and capable to perform ultrasonic phase array inspection and time of flight diffraction (TOFD) simultaneously.

b) The equipment should be rugged and portable, simple in operation. It should be able to do General Weld inspection, crack detection & sizing, AWS D1.1/D1.5 weld inspection, Casting & forging defect inspections, DGS/AVG defect sizing, in-line inspections, composite delamination, and any other defect inspections etc.

c) The equipment should be capable of detecting flaws in metal (Flat and round / curved surfaces) thickness of 5 to 300 mm. The major components are ferrous and ferrous alloy components like pipes, vessel, storage tanks, equipment etc. Other materials are Stainless Steel, Titanium, Phosphor Bronze, Aluminium Alloys and Composite material.

d) The equipment should be able to use with Wheel Probe used for corrosion mapping. It should be capable to scan flat and curved surfaces.

e) The equipment shall be light weight, portable, suitable to be carried by the operator himself in a carrying case.

- f) The equipment shall be robust in construction, amenable for use in Indian field and ambient conditions, reliable of good workmanship and capable of providing trouble free service for the intended application. Necessary test certificates is to be provided for evidence of the same.
- g) It should be able to be continuously used for minimum 6 hours without any drop in performance through battery. Battery Type should be Lithium -ion rechargeable standard with rechargeable adapter.
- h) The display screen of the equipment shall have good visibility in the light. The equipment shall be supplied complete with all accessories.
- i) The equipment should be simple in operation. The equipment should be able to perform multiple scans from different probes and at the same time to be displayed and evaluated. Multiple sectorial scans, true top, and end view extractions plus C-Scans are to be supported by the equipment. TOFD and Phased Array inspections to be carried out in tandem at full scanning speed and with up to minimum 3GB data files large areas to be inspected more efficiently. Full resolution waveform data to be stored directly to a removable USB data key for ease of back up and transfer to PC.
- j) The Ultrasonic Flaw Detector should have High Resolution colour LED/LCD/TFT Screen (approx. 7 inches) with minimum 640x480 pixels providing high visibility in all weather conditions, with the highest display to size ratio.
- k) PC Data Management and reporting: The equipment should be provided with a PC based software for phased array, TOFD, conventional configuration development, data analysis and report generation. Reports should be easily generated and should be able to extract into PDF format. The equipment should have suitable port arrangement to connect it to printer. The system must be able to provide the comprehensive result of the analysis with display and should have capacity to store and process the data. Data storage should be either in built or removable memory minimum 512 MB for storage of raw data, waveform, setup, program etc. Data Storage onboard upto 3 GB, removable 8 GB flash card.
- l) The system should be provided along with the equipment to generate hard copy of the result of the analysis.
- m) The equipment should use language "English" for all purposes
- n) The equipment and probes should be supplied with calibration certificates from the Govt. approved laboratories. Standard reference blocks to be provided.
- o) The equipment should be capable of operating both in Single Crystal and Double Crystal Mode
- p) The equipment should be capable of scanning the weld using 0degree,45 degree,60degree,70 degree (Tandem Technique) for detection of defects.
- q) The equipment must be able do to required measurements to detect & locate the defect in the weld etc. The measurements should be in millimetres, inches or microseconds.
- r) The equipment should have facility of battery level indicator to show its condition. Automatic cut-off switch should be provided to protect against deep discharge of battery below the workable voltage.

s) Automatic cut-off for battery and battery charger should be provided to protect the battery from over charge.

t) Protection against overloading of the equipment should be provided by an automatic switch function (electronic fuse). The fuse shall be so located that the same can be easily attended to as and when necessary.

u) The equipment should have calibration facility with all required accessories, parts, spares as per national/international standards. All calibration details along with documents wherever stipulated, all calibration software or other attachments to be provided along with the equipment.

v) In addition to above, the following Technical Specifications given in Table -1 are to be met by the offered Ultrasonic Flaw Detector:

(Table-1)

Sl no	Technical specification	Response of bidder (YES/NO)
1	Maximum Weight (with battery) : 7 kg	
2	Overall Dimensions(WxHxD):(240-300mm)x(160 to 210 mm)x (90-100mm)	
3	Maximum Display Dimensions: (Diagonally):152 mm (7.0 inch)	
4	Equipment Keypad & software Menu, Languages : English	
5	Units of Measurements: Millimetres, Inches or microseconds	
6	Transducer Connections/socket: BNC or Large LEMO1 or small LEMO 00	
7	Input / Outputs :USB ports, VGA Output to be provided, analog Output, 2 output lines for Alarm Output,	
8	Battery Type: Single Li-on	
9	Battery operation for single charge: Minimum 6 hrs	
10	Input Power requirements : AC Mains, Single Phase, 230V AC , Frequency: 50Hz	
11	Operating Temperature :0 degree Celsius to 45 degree Celsius	
12	Environmental Ratings :IP 66 or equivalent; should be usable in rugged enough industrial environment	
13	Display Type: High Resolution Color LED/LCD/TFT Screen (Minimum 640 x 480 Pixels)	
14	Test Modes: Pulse Echo/Transmit-Receive/Pitch Catch Method	
15	Pulser Type :Square Wave /Spike Wave Form	
16	PRF: 3 Hz to 5 KHz	
17	Velocity:1270 to 12700 m/s (0.050 to 0.5000 in/ $\mu$ s); (Compliance & surpass)	
18	Zero Offset / Wedge Delay : 0 $\mu$ s to 100 $\mu$ s minimum (Compliance & Surpass)	
19	Frequency Operating Range : 0.3 MHz to 20 MHz(Compliance & Surpass)	
20	Vertical Linearity: $\pm$ 1% of FSH or better	
21	Amplifying accuracy : $\pm$ 0.1 dB or Better	
22	Horizontal Linearity: Less than 0.1% FSW	
23	Rectification: Full wave, positive half wave, Negative halfwave, RF	
24	Reject: 0 to 80% FSH with visual warning	
25	Amplitude Measurement: 0% to 100% FSH	
26	Gate Start: Variable over entire displayed range	
27	Gate Width: Variable from gate start to end of displayed range	
28	Gate Height: Variable from 5 % to 95% full screen height	

29	DAC and TCG points: Minimum 15 points (Compliance & Surpass)	
30	Pulse Width: Adjustable up to 1000ns (Compliance & Surpass)	
31	Energy Settings: 50 V to 300 with maximum 50V increments or equivalent LOW/MED/HIGH (Compliance & Surpass)	
32	Gain: 0 to 100 Db Minimum and adjustable to minimum in 0.5,1, 2dB Steps	
33	Receiver Bandwidth : 0.5 MHz TO 15 MHz (@-3Db)	
34	Gates: Two fully independent gates (Gate 1 & Gate 2) for amplitude and Time of flight measurement and one interface gate (IF) for thickness measurement	
35	Measurement Mode: Thickness, sound path, time of flight, echo-to-echo	
36	Alarm: Positive and Negative Threshold	
37	Refracted Angle Settings: 00 to 700 with minimum 5.00 increments	
38	Data Storage: Either in built or removable minimum 512 MB for storage of raw data, waveform, setup, program etc. (Compliance & Surpass)	
39	PC Data Management and reporting	
40	Accessories: i) Conventional Angle Beam Probes with Cable. - 2 no. ii) Normal / Straight Beam Probes with cable---2 no. iii) Softwares, Single user licence iv) Six numbers of electronic fuses vi) Calibration Certificate vii) USB Memory Stick, & other cards etc. viii) Lithium -Ion Battery Packs ix) Start Guide & User Manual x) Anti-Glare Screen Protector xi) Carrying Case xii) Standard reference blocks for calibration to be provided	

## 2.2 TECHNICAL SPECIFICATION OF ULTRASONIC SYSTEM FOR CORROSION MAPPING

1) The Wheel Probe must be able to do corrosion mapping of pipes, vessels, tanks etc. The major components are ferrous and ferrous alloy components like pipes, vessel, storage tanks, equipment etc. Other materials are Stainless Steel, Titanium, Phosphor Bronze, Aluminium Alloys and Composite material.

2) The offered probe should have minimum 64 elements and cover minimum area of 50 mm. It should give results with better repeatability. It should capable to scan flat and curved surfaces.

3) The offered Wheel Probe must be able to work with the Ultrasonic Flaw Detector (Phased Array / TOFD mode)with scanning system complete.

4) The automated Ultrasonic System should be for in service weldment of various components. The major components are ferrous and ferrous alloy pipes either coated or non-coated of diameter range from 100 mm to flat and the thickness from 9 mm to 200 mm.

7) The equipment and probes should be supplied with calibration certificates from the Govt. approved laboratories.

8) The equipment should be simple in operation and should not require additional power sources on the inspection site.

9) The equipment must be able to give results as per national / international standard applicable and same should be able to store and should be able to give the analysis report in printed form (or pdf format).

10) The Wheel Probe should be flexible to utilize in a completely manual basis for small area scans, such as for screening of pipe work, vessels or for scanning along the length (axial) of the pipe.

11) The equipment should have calibration facility with all required accessories, parts, spares as per national/international standards. All calibration details alongwith documents wherever stipulated, all calibration software or other attachments to be provided alongwith the equipment.

12) In addition to above, the following Technical Specifications given in Table -2 are to be met by the offered Corrosion Mapping device/equipment:

(Table-2)

Sl no	Technical specification	Response of bidder (YES/NO)
1.0	ULTRASONIC EQUIPMENT	
1.1	Capable of detecting flaws in metal (Flat and round surfaces) thickness of 5 to 300mm. Types of material are ferrous and ferrous alloys, Stainless steel, Titanium, Phosphor, Bronze, Aluminium Alloy and Composite material	
1.2	Compact to handle, Weight not to exceed 7.00 kg alongwith lithium ion battery pack. Should be able to use with Wheel Probe.	
1.3	Display Type: Full VGA, (Min 640 x 480 Pixels) Transflective Color LCD (Approx. 7 inch)	
1.4	Keypad: Should be in English	
1.5	Transducer: Transducer with suitable connections to be provided	
1.6	Data Storage onboard up to 3 GB, Removable 8 GB Flash Card	
1.7	Battery type : Single lithium ion rechargeable standard with rechargeable adapter	
1.8	Battery operation time: Min. 6 Hrs.	
1.9	Inputs/Outputs: USB Ports/ VGA output to be provided	
1.10	RS-232, VGA output standard, Analog Output: 2 analog outputs	
1.11	Encoder Outputs: 2-axis encoder line	
1.12	Power requirements AC Mains: 230V AC, 50Hz	
1.13	Environmental Ratings: With IP Rating & Shock Tested, Vibration Tested, Operating Temperature 5degree Celsius to 45 degree Celsius	
1.14	The equipment and probes should be supplied with calibration certificates from the Govt. approved laboratories.	
1.15	Reference blocks: Standard reference blocks to be provided	
2.0	Pulser	
2.1	Tunable Square Wave	
2.2	PRF: Up to 6000 Hz in 5 Hz increments	
2.3	Pulse Width: Adjustable from 25 ns to 1000 ns (2.5ns or suitable resolution)	
3.0	Receiver:	
3.1	Gain:0 to 80 dB	

3.2	Rectification: Fullwave, Positive Halfwave, Negative Halfwave, RF	
3.3	Reject : 0 to 80% FSH with visual warning	
3.4	Band width: 14 MHz	
3.5	Amplitude Measurement: 0% to 100% full screen height with 0.25% resolution	
4.0	Calibration:	
4.1	Velocity, Zero Offset	
4.2	Straight Beam (first back wall or echo-to-echo)	
4.3	Angle Beam (Soundpath or Depth)	
4.4	Test Modes: Pulse Echo, Dual, or Through Transmission	
4.5	Units: Millimeters, Inches, or Microseconds	
4.6	Velocity: 635 to 15240 m/s (0.0250 to 0.6000 in/ $\mu$ s)	
4.7	Zero Offset: 0 $\mu$ s to 750 $\mu$ s	
4.8	Refracted Angle: 0 degree to 75 degree in 0.1 degree increments	
5.0	Standard Accessories	
5.1	VGA output cable / USB Client cable	
5.2	Hardware I/O cable (analog / alarm outputs)	
5.3	External Battery Charger	
6.0	Probe:	
6.1	1-Wheel probe of 16 pulser / receiver driving up to 64 element encoded with 50 mm(appx.) wide strip B/C scan	
6.2	Wheel probe should have adjustable unit for Round bar (100mm to 300mm)	
6.3	2-probe to be provided for round surface having dia of 12 mm to 100 mm (appx.)	
7.0	Gates:	
7.1	Measurement Gates 2 fully independent Gates for Amplitude and Time of Flight & Interface Gate Height variable from 2% to 95% full screen height	
7.2	Alarms: Positive and negative threshold	
7.3	Reference Cursors: 2 reference cursors for A-Scans	
8.0	Measurements:	
8.1	Displayed Measurement (manual or auto selection)	
8.2	Through depth measurement	
8.3	DAC Points up to 16 points	
8.4	Custom DAC (upto 4 curves)	
8.5	Curved Surface Correction Standard: ID or OD correction for angle beam measurements	
9.0	Software	
9.1	Instrument PC interface program, enabling inspectors to download inspection data, review measurements on a PC, export measurements and calibration data to common spreadsheet programs, back up calibration and inspection data from the instrument, and perform basic operations such as instrument firmware upgrades and screen captures	

10.0	Accessories: In addition to the followings all accessories required for complete functioning of the instrument to be provided along with the equipment i) Calibration Certificate ii) Start Guide & User Manual iii) standard spares iv) carrying Case v) Standard reference blocks for calibration to be provided	
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NOTES:

i) Entire equipment inclusive of all systems / accessories should be warranted against all the design, material or manufacturing defects. Any spares needed during this period shall be provided by the supplier free of cost. Please see details of warranty / service in Clause 4 (D).

ii) The equipment should run for trouble free operation during warranty period and necessary service shall be provided after sales.

iii) The instrument supplier has to demonstrate the performance of the instrument using applicable standards up to the satisfaction of OIL.

iv) Original catalogues with relevant features shall be supplied along with the bids.

v) Deviation from NIT requirements shall be clearly indicated in the bid under separate heading.

vi) All write ups, documents, certificates, manuals, correspondences etc. by the bidder must be in English.

vii) All hazards involved during operation / standby should be specifically mentioned along with necessary protective measures for the same.

viii) All necessary Materials Safety Data Sheet (MSDS) should be supplied along with the materials.

ix) Technical Specification of the Machine Operator Manual, Maintenance Manual etc. all documents in English are to be supplied with the equipment (hard & soft copy) free of cost along with materials.

x) Literature, software & manuals, all literatures, documents, drawings etc. must be in English.

xi) Bidder should submit safe operating procedure mentioning all hazard involved & Standard Operating Procedure along with the material indicating all the steps involved for operation.

xii) The OEM/authorized dealer shall submit undertaking to enter into Annual Maintenance Contract (AMC) for 2 years for the equipment to be supplied under the Purchase Order, if awarded to him by OIL.

xiii) Bidder must furnish cost of AMC including list of spares valid for 2(two) years. The quotation must include details spare parts requirement, parts list, quantity mentioning cost of each item. However, this quotation will not be considered for bid evaluation.



### **3.0 PACKING:**

- i) The packing shall be roadworthy for transportation up to site, sufficiently robust to withstand rough handling
- ii) Boxes/ packing cases containing electrical equipment shall be water proof lined & rodent free
- iii) All manuals, drawings, documents and digital items (discs) shall be separately packed and contained in rigid plastic pouches.

### **4.0 INSPECTION & TESTING:**

OIL as purchaser shall have the right to carry out stage inspection and shop visit to review the manufacturing progress but such inspection shall not relieve the bidder of his responsibility to ensure that the equipment supplied is free from all manufacturing and other defects and conform to correct specifications. The bidder/manufacturer shall be notified in advance, if it is intended to inspect plant or material. However, manufacturer need not hold any manufacturing activity for witness of purchaser's stage inspection.

#### **A) PREDELIVERY INSPECTION:**

- i) Pre-delivery inspection shall be performed by OIL to ensure the equipment along with all accessories complete, are included as specified herein, free from any defects and equipment can fulfil all the requirements as specified prior to delivery and acceptance. The testing of Ultrasonic Flaw Detector and the corrosion mapping system shall necessarily be carried out at factory/ manufacturer premises in presence of representatives of OIL. The manufacturer or its representative shall give a notice in advance of minimum four weeks for in country and sixteen (16) weeks for abroad to carry out pre-delivery inspection and shall arrange for consumables for test run at his cost. OIL shall witness such inspection & testing at mutually agreed date and will bear the cost of its inspection visit to the factory.
- ii) During testing all operations will be checked and proper record will be maintained by the manufacturer's representative. Any defect/ abnormality noticed during testing shall be rectified. The testing will be declared successful only when no abnormality/ failure are noticed during the testing.
- iii) Any defects which become evident during the test shall be corrected by the bidder at his own expense prior to shipment to OIL.
- iv) The Ultrasonic Flaw Detector and corrosion mapping system will be cleared for despatch to site only when the testing is declared successful by OIL.
- v) A copy of the test results shall be submitted to the OIL at the end of the inspection. Test results shall show manufacturer's tolerances as well as actual parameters recorded.

**B) DISPATCH/SHIPMENT TO SITE:** The items shall be dispatched only after OIL's satisfactory inspection and advice.

#### **C) INSTALLATION AND COMMISSIONING AT SITE AND HANDING OVER TO OIL**

- i) Installation and Commissioning of the Ultrasonic Flaw Detector and corrosion mapping system sets shall be carried out by the bidder in the presence of OIL representatives at sites i.e. at Duliajan, Assam (India).
- ii) Installation / commissioning charges should be quoted separately which shall be considered for evaluation of the offers. These charges should include amongst others to and from fares, boarding/ lodging and other expenses of the service personnel during their stay at Duliajan, Assam (India). All Personal, Income and Service Tax etc. towards the services provided by the bidder shall be borne by the bidder and will be deducted at source by OIL.

- iii) Bidders should also confirm about installation/ commissioning in the Technical Bid.
- iv) The bidder shall be responsible for safety of its personnel and equipment during the commissioning work.
- v) During the installation & commissioning job, the bidder shall strictly ensure that all the cut ends of cables, packing materials, leftover items are removed from site after completion of work.
- vi) No environmental damage shall be done while carrying out the job.
- vii) The equipment manufacturers/representative shall furnish the services of factory-trained personnel as required during installation and through the warranty period to inspect the installation, supervise startup of equipment installed, and repair the equipment when required. Service requests shall be answered and acted upon promptly.
- vii) The responsibility for performance to the specifications shall not be divided among individual component manufacturers, but must be assumed solely by the primary manufacturer.
- viii) Bidder should submit Standard Operating Procedure and Safe Operating Procedure along with the material indicating all the hazard involved.

#### **D) SERVICE AND WARRANTY:**

- i) The supplier shall ensure adequate and prompt after sales service free of cost during guarantee/warranty period, and against payment after the guarantee period is over, in the form of maintenance, spares and personnel as and when required during normal life span of the equipment and shall minimize the breakdown period. In case of equipment supplied by other manufacturers the supplier shall furnish a guarantee/warranty and commitment from the manufacturer for the same before the Ultrasonic Flaw Detector and corrosion mapping system set is taken over.
- ii) The warranty period for the Ultrasonic Flaw Detector and the corrosion mapping system with all accessories should be a minimum of 18 months from the date of dispatch/ shipment or 12 months from the date of commissioning of the equipment whichever is earlier.
- iii) The warranty coverage shall include required spare parts, labor, reasonable travel expense necessary for repairs at the jobsite, and expendables (consumables and other service items made unusable by the defect) used during the course of repair or any defects in the equipment during warranty period shall be replaced by the party at his cost without any extra charge to OIL
- iv) Running hours shall not be a limiting factor for the warranty coverage by either the manufacturer or the authorized dealer.
- v) Offer received without assurance of warranties as specified will be rejected in their entirety.

**BB:: GENERAL NOTES TO BIDDERS**

Sl No	Clause description
1.0	<b>Tender Fee – Tender fee must be paid online through OIL’s payment gateway only and no other instrument (Cash/DD/Cheques/Cashier Cheque, etc) will be acceptable.</b>
2.0	<b>Bid Security/EMD/Performance Bank Guarantee – Must be paid either through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/Cashier Cheque or any other mode will be acceptable.</b>
3.0	The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.
4.0	Bid must be submitted online through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.
5.0	<p>Please note that all tender forms and supporting documents are to be submitted through OIL’s e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribing tender no. and due date to The DGM Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned in the Tender.</p> <p><b>a) Original Bid Security along with two duplicate copies of Bid Security.</b>  <b>b) Any other documents which have been particularly asked for in this tender for submission.</b></p>
6.0	Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time, failing which the offer shall be rejected.
7.0	<p>The tender is invited under <b>SINGLE STAGE-TWO BID SYSTEM</b>. The bidder has to submit both the “<b>TECHNO-COMMERCIAL UNPRICED BID</b>” and “<b>PRICED BID</b>” through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”. Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="border: 1px solid black; padding: 5px; width: 30%;">Notes and Attachments</div> <div style="background-color: yellow; padding: 5px; width: 65%;">→ Only Price Details Should Be Uploaded</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; width: 30%;">Technical attachments</div> <div style="background-color: yellow; padding: 5px; width: 65%;">→ All technical bid documents except price details</div> </div> <p style="margin-top: 20px;"><b>Please do refer “NEW INSTRUCTION TO BIDDER FOR SUBMISSION” for the above two points and also please refer “ New Vendor Manual (effective 12.04.2017) ” available in the login Page of the OIL’s E-tender</b></p>

	<p><b>Portal.</b></p> 
8.0	<p>In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that “TECHNO-COMMERCIAL UNPRICED BID should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFx Response-&gt; User - &gt; Technical Bid. <b><u>No price should be given in above Technical Rfx otherwise the offer will be rejected.</u></b> Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFx Response-&gt; User - &gt; Technical Bid only. The “PRICE BID” must contain the price schedule and the bidder’s commercial terms and conditions. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes &amp; Attachments”.</p>
9.0	<p>PRICED BIDS OF ONLY THOSE BIDDERS WILL BE OPENED WHOSE OFFERS ARE FOUND TO BE TECHNO-COMMERCIALLY ACCEPTABLE.</p>
10.0	<p>Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the bid or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.</p>
11.0	<p>Please mention clearly in your quotation the Net. Weight, Gross Weight &amp; Volume, Indian Agent's Name and its Commission, Payment Terms, Ocean Freight/Air Freight Charges, Port of Loading, Delivery period, Country of origin with manufacturer's name, etc.</p>
12.0	<p>To ascertain the substantial responsiveness of the bid, OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by OIL, failing which the offer will be summarily rejected.</p>
13.0	<p>Other terms and conditions of the tender shall be as per “General Terms &amp; Conditions” for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the “General Terms &amp; Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-</p>

	procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.
14.0	All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” digital certificate, will be liable for rejection.
15.0	Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.
16.0	Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises (MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.
17.0	The items shall be brand new, unused & of prime quality. The manufacturer shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 18 months from date of shipment or 12 months from date of commissioning and handing over to OIL, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.
18.0	Quantity of Individual item may be increased or decrease at the time of final placement of order. The minimum FOB/FCA charges in case of partial order for reduced quantity/enhanced quantity shall have to be indicated by the bidder. In case, this is not indicated specifically, the charges quoted would be pro-rata calculated and the same will be binding on the bidder.
19.0	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.
20.0	<p>The Integrity Pact is applicable against this tender .OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure XII of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL’s competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder’s authorized signatory who sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.</p> <p>OIL’s Independent External Monitors at present are as under:</p> <p>SHRI RAJIV MATHUR, IPS (Retd.), Former Director (IB) Govt. of India</p>

	<p>e-Mail ID : <a href="mailto:rajivmathur23@gmail.com">rajivmathur23@gmail.com</a></p> <p>SHRI SATYANANDA MISHRA, IAS(Retd.) Former Chief Information Commissioner &amp; Ex-Secretary, DOPT, Govt. of India E-mail Id : <a href="mailto:satyanandamishra@hotmail.com">satyanandamishra@hotmail.com</a></p> <p>SHRI JAGMOHAN GARG, Ex-Vigilance Commissioner, CVC e-Mail id : <a href="mailto:jagmohan.garg@gmail.com">jagmohan.garg@gmail.com</a></p>
21.0	<b>Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.</b>
22.0	<p>Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms &amp; Conditions for Global Tenders (MM/GLOBAL/01/2005)" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/01/2005. <b>Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. Bidders to note the same and to confirm its acceptance in their offers.</b></p> <p>The Bank Guarantee issued by bank must be routed through SFMS platform as per following details:</p> <p>a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee</p> <p>The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602.</p> <p>b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee.</p>
23.0	Bidder to sign and submit completely filled up Technical & Commercial check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification failing which their offer will be rejected.
24.0	<b>Payment terms: 80% payment will be made against supply of materials and balance 20% after satisfactory installation &amp; commissioning at site along with the installation &amp; commissioning charges. Bidders must confirm the same while quoting.</b>
25.0	<b>Liquidated Damage: Refer to "General Terms &amp; Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). The applicable GST on the Liquidated Damage shall have to be borne by the Seller. Accordingly, the Liquidated Damage shall be recovered from the Seller along with applicable GST.</b>
26.0	<b>The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. Indigenous bidder shall be eligible for concessional rate of GST against Essentiality</b>

	<p><b>Certificate for invoice valuing 10 lakh and above.</b></p> <p><b>In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export, where import content is declared by the bidder for availing Custom Duty benefit on the import content.</b></p> <p><b>Supplier shall arrange to provide all necessary documents to apply for the essentiality certificate on receipt of request from OIL, if any. Further, supplier shall affect dispatch only on receipt of relevant certificates from OIL, failing which all related liabilities shall be to Supplier's account.</b></p>
27.0	<p>Bidders to note that Ministry of Petroleum &amp; Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Policy details are available in Annexure-IA</p>
28.0	<p><b><u>Clauses related to GST</u></b></p> <ol style="list-style-type: none"> <li>For the purposes of levy and imposition of GST, the expressions shall have the following meanings: <ol style="list-style-type: none"> <li>GST - means any tax imposed on the supply of goods and/or services under GST Law.</li> <li>Cess – means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.</li> <li>GST Law - means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017 and all related ancillary Rules and Notifications issued in this regard from time to time.</li> </ol> </li> <li>The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties &amp; levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.</li> <li>Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates &amp; amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.</li> <li>Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017.</li> </ol>

	<p>Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.</p> <p>5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders.</p> <p>6. <b>When Input tax credit is available for Set Off</b>  Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders</p> <p><b>When Input tax credit is NOT available for Set Off</b>  Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders</p> <p>7. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.</p> <p>8. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.</p>
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**BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA(BRC)**

The bids shall broadly conform to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the items offered do not conform to required parameters stipulated in the technical specifications and to the respective international/national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms & conditions, the following requirements shall have to be particularly met by the Bidders without which their bids shall be considered non-responsive and rejected.

**A) BID REJECTION CRITERIA (BRC)**

**A1. TECHNICAL:**

**1. EXPERIENCE:**

**A. MANUFACTURERS EXPERIENCE: IN CASE BIDDER IS THE MANUFACTURER**

If the bidder is a manufacturer of the offered item(s), then they must satisfy the following criteria for manufacturing and supply experience and furnish the relevant documentary evidences as per below along with the technical bid:

- i. The bidder should have manufactured, supplied and successfully executed installation and commissioning of at least 01 (one) number of Ultrasonic Flaw Detector to any Govt./Semi Govt./ Reputed Public Limited Company in India during last 07 (seven) years as on original bid closing date of the tender (either by themselves or through their sole selling agent/distributor/dealer/supply house).

Documentary evidence in respect of manufacturing and supplying the above mentioned item should be submitted with the technical bid, in the form of copies of relevant signed Purchase Orders along with copies of any of the following documents in respect of satisfactory execution of each of those Purchase Orders failing which the bids will be rejected:

- I. Signed and sealed Satisfactory supply/completion/installation report (in original on user's letter head)(OR)
- II. Bill of Lading (OR)
- III. Consignee delivery receipt/challan (OR)
- IV. Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat/GST. (OR)
- VI. Commercial Invoice/ Payment Invoice

Note: a) The Purchase Order date need not be within 07 (seven) years preceding original bid closing date of this tender. However, the execution of supply should be within 07 (seven) years preceding original bid closing date of this tender.

b) Satisfactory supply/completion/installation report should be issued on company's letterhead with signature and stamp.

- ii) Bidder quoting as manufacturer must guarantee uninterrupted supply of spares and availability of service for at least 10 years with effect from delivery of the Item / product for the item / product to be supplied under the Tender / Order, if order is awarded to them by OIL.

**B. IN CASE THE BIDDER IS NOT A MANUFACTURER:**

If the bidder is a sole selling agent / distributor / dealer / supply house of any manufacturer, then bidder must furnish the following documents along with the technical bid failing which the bids will be rejected:

I. Authorization certificate from the manufacturer (in original on manufacturer's letter head with signature & stamp) should be submitted along with the technical bid. This certificate should be valid at the time of bidding and should remain valid during the entire execution period of the order.

II. Undertaking from the manufacturer (in original on manufacturer's letter head with signature & stamp) guaranteeing supply of items to the bidder in the event of an order on the bidder. This certificate should be valid at the time of bidding and should remain valid during the entire execution period of the order.

III. Warranty backup from the manufacturer in original on manufacturer's letter head (with signature & stamp) against the quality of the tendered item(s) as specified in the tender.

IV. The bidder quoting on behalf of the manufacturers must also submit undertaking in original from the manufacturer for back up guarantee, after sale services and uninterrupted supply of spares for at least 10 years.

V. Documentary evidence in respect of manufacturer's supply experience as specified under para 1.A.(i) from the concerned manufacturer (having supplied such items either by manufacturer themselves or through their sole selling agent / distributor / dealer / supply house).

VI. Documentary evidence in respect of bidder's own supply experience of supplying minimum 01 (one) number of Ultrasonic Flaw Detector or supply of similar type of equipment, during last 07 (seven) years as on original bid closing date of the tender as specified in the para 1.A.(i). **Similar type of equipment means Supply of NDT (Non destructive testing) equipment.**

2. The bidder shall confirm that they have required facilities for testing the quoted equipment as per national/ International standards at their premises and the equipment / products will be tested and certified accordingly. Declaration for same should be enclosed along with the bid.

3. Bidder should categorically confirm in the technical bid a delivery schedule within nine (09) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within nine (09) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.

**A.2 FINANCIAL EVALUATION CRITERIA:**

- 1.0 The bidder shall have an annual financial turnover of minimum US\$ 79,000.00 or Rs. 50.92 Lakhs during any of the preceding 03 (Three) financial/accounting years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.
- 2.0 "Net Worth" of the bidder should be positive for the financial/accounting year just preceding to the original Bid Closing Date of the Tender (i.e., year 2016-17).
- 3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three financial/accounting years excluding the preceding financial/accounting year will be considered. In such cases, the Net worth of the previous financial/accounting year excluding the preceding financial/accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year 2016-17 has actually not been audited so far'.

**Note:**

- a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the technical bid:-
  - i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE-IV.
  - OR
  - ii) Audited Balance Sheet alongwith Profit & Loss account. In case of foreign bidders, self-attested/digitally signed printed published accounts are also acceptable.
- b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/ State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

- 4.0 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$ , the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date on which the Audited Balance Sheet and Profit & Loss Account is signed. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

**A.3 COMMERCIAL CRITERIA:**

Commercial Bid Rejection Criteria will be as per Section D of General Terms & Conditions of Global Tender (MM/GLOBAL/E-01/2005) with following Special Bid Rejection Criteria.

- 1.0 Bids are invited under **Single Stage Two Bid System**. Bidders shall quote accordingly under Single Stage Two Bid System. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions. Bidder not complying with above submission procedure will be rejected.
- 2.0 The prices offered shall have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.
- 3.0 Bids received in physical form against online invitation through e-portal shall be rejected (except the documents specifically called for in hard copies, if any). Similarly, Bids received after the bid closing date and time shall be rejected. Also, modifications to bids received after the bid closing date & time shall not be considered.
- 4.0 Bids containing incorrect statement shall be rejected.
- 5.0 Validity of the bid shall be minimum 120 days from the date of Bid Closing Date. Bids with lesser validity will be straightway rejected.
- 6.0 **Bid Security in ORIGINAL** shall be furnished by the Bidder as a part of their Bid. The amount of Bid Security & its validity shall be specified in the covering letter of this bid document. **Any bid not accompanied by a proper bid security in ORIGINAL shall be rejected without any further consideration.** A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.
- 6.1 For exemption for submission of Bid Security please refer Clause No. 9.8 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).
- 7.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall

be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of 18 months from the date of shipment/dispatch or twelve (12) months from the date of installation & commissioning, whichever is earlier against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses at no extra cost to OIL.

- 8.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten percent (10%) of total evaluated value of Order, which should remain valid throughout the period execution, including extension, if any. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above
- 9.0 Offers should be submitted along with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.
- 10.0 Clause deleted.
- 11.0 Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary), given below.

**(i) Price Bid Format (SUMMARY) for Foreign Bidders:**

- (A) Basic Material Value (to indicate HSN code):**
- (B) Pre-despatch Inspection Charges, if any:**
- (C) Packing & FOB charges:**
- (D) FOB Value, A+B+C:**
- (E) Ocean Freight Charges upto Kolkata, India:**
- (F) Banking & Insurance, @1.5% of D :**
- (G) CIF Value, D+E+F :**
- (H) Landing Charges @1% on G:**
- (I) CIF Landed Value, G+H:**
- (J) IGST @ 5% on I:**
- (K) Compensatory Cess, if any:**
- (L) CIF+GST Landed Value, I+J+K :**
- (M) Installation & Commissioning (including demonstration) Charges (to indicate SAC code):**
- (N) Applicable rate of GST on M:**
- (O) Total, L+M+N:**
- (P) Total Value in words :**
- (Q) AMC Charges for 02 years including list of spares with price break up (will not be considered for evaluation):**
- (R) Gross Weight:**
- (S) Gross Volume :**

**(ii) Price Bid Format (SUMMARY) for Indigenous Bidders:**

- (A) **Basic Material Value (to indicate HSN code):**
- (B) **Pre-despatch Inspection Charges, if any:**
- (C) **Packing & Forwarding charges, if any:**
- (D) **Total Ex-Works Value, A+B+C:**
- (E) **Applicable rate of GST on D:**
- (F) **Compensatory Cess, if any:**
- (G) **Total FOR Despatching Station Value, D+E+F:**
- (H) **Inland Freight Charges upto Duliajan, Assam including GST:**
- (I) **Transit Insurance Charges, if any including GST:**
- (J) **Installation & Commissioning (including demonstration) Charges (to indicate SAC code):**
- (K) **Applicable rate of GST on J:**
- (L) **Total, G+H+I+J+K:**
- (M) **Total Value in words :**
- (N) **AMC Charges for 02 years including list of spares with price break up (will not be considered for evaluation):**
- (O) **Gross Weight:**
- (P) **Gross Volume:**
- (Q) **Import Content, if any:**

12.0 Bidder shall accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:

- i) Liquidated Damages
- ii) Warranty/Guarantee of material
- iii) Arbitration / Resolution of Dispute
- iv) Force Majeure
- v) Applicable Laws

13.0 A bid shall be rejected straightway if it does not conform to any one of the following clauses:

- (a) Validity of bid shorter than the validity indicated in the Tender.
- (b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.
- (c) Bid Security with (i) validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.

## **B. BID EVALUATION CRITERIA:**

The bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria shall be considered for further evaluation as per General Terms and Conditions for Global Tender and the Bid Evaluation Criteria given below:

- 1.0 The evaluation of bids shall be done as per the Price Bid Format (SUMMARY) provided in the Tender and detailed below
- 2.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.



**CHECK LIST**

THE CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE SELECT "Yes" OR "No" TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

**A. TECHNICAL**

Sl No	REQUIREMENT	COMPLIANCE
1	Whether Quoted as OEM and documentary evidence submitted?	Yes / No
2	Whether Quoted as Authorized Dealer of OEM and documentary evidence submitted?	Yes / No
3	Whether separately highlighted any deviation from NIT?	Yes / No
4	Whether detail specification of ULTRASONIC FLAW DETECTOR & CORROSION WHEEL PROBE with manufacturer's technical literatures, catalogues enclosed?	Yes / No
5	Whether quoted for supply, installation & commissioning and cost for AMC?	Yes / No
6	Whether Inspection Clause as mentioned in the NIT included in the bid?	Yes / No
7	Whether the bidder provided recommended spares list for 2 years?	Yes / No
8	Whether the equipment is of latest generation?	Yes / No
9	Whether the equipment is able to read / show direct results?	Yes / No
10	Whether the equipment is pre-calibrated?	Yes / No
11	Whether Corrosion Wheel Probe is compatible to connect with the Ultrasonic Flaw Detector?	Yes / No
12	Whether Ultrasonic Flaw Detector is Brand new?	Yes / No
13	Whether Corrosion Wheel Probe is brand new?	Yes / No
14	Whether all documents, certificates etc. are in English?	Yes / No

**B. COMMERCIAL**

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer / Supply House. To Specify-	Yes / No
2.2	If quoted as OEM Dealer / Supply House	Yes / No
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	



<b>3.0</b>	<b>Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format(Annexure VII Revised) Sent separately? If YES, provide details</b>	Yes / No
	<b>(a) Amount :</b>	
	<b>(b) Name of issuing Bank :</b>	
	<b>(c) Validity of Bid Bond :</b>	
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer <b>validity of 120 days from</b> the bid closing date of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance of NIT Payment Terms	Yes / No
<b>5.0</b>	<b>Whether confirmed to submit PBG as asked for in NIT?</b>	<b>Yes / No</b>
<b>5.1</b>	<b>Whether agreed to submit PBG within 30 days of placement of order?</b>	<b>Yes / No</b>
6.0	Whether Price submitted as per Price Schedule (refer Para 12.0 of BRC vide Annexure – II)?	Yes / No
6.1	Whether cost of Recommended Spares for <b>2 years</b> of operations quoted?	YES/NO
7.0	Whether quoted as per NIT (without any deviations)?	Yes / No
7.0	Whether quoted any deviation?	Yes / No
7.1	Whether deviation separately highlighted?	Yes / No
8.0	Whether indicated the country of origin for the items quoted?	Yes / No
8.1	Whether technical literature / catalogue enclosed?	Yes / No
8.2	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
9.2	For Foreign Bidders only - Whether indicated ocean freight up to Kolkata port (Excluding marine insurance ) ?	Yes / No
9.3	Whether Indian Agent applicable ?	Yes / No
	If YES, whether following details of Indian Agent provided?	
	(a) Name & address of the agent in India – To indicate	
	(b) Amount of agency commission – To indicate	
	(c) Whether agency commission included in quoted material value?	
10.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	Yes / No
10.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
10.2	For Indian Bidders only - Whether offered Ex-works price including packing/forwarding charges?	Yes / No
10.3	For Indian Bidders only - Whether indicated import content in the offer?	Yes / No
10.4	For Indian Bidders only - Whether offered Deemed Export prices?	Yes / No
10.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	Yes / No

11.0	Whether all BRC/BEC clauses accepted ?	Yes / No
12.0	Whether Integrity Pact with digital signature uploaded?	Yes / No
12.1	Whether all the clauses in the Integrity Pact have been accepted?	Yes / No

**B. TO BE FILLED UP IN DETAIL:**

Sl No	Requirement	Bidder's Reply
01	Mention Make and Model of the Items quoted	
02	Mention Bid validity quoted	
03	Mention Payment Terms quoted	
04	Mention Guarantee/Warranty Terms quoted	
05	Mention Delivery Period quoted	
08	Mention Port of Despatch / Despatching Station	
09	Confirm submission Integrity pact, if required as per NIT	
10	Confirm submission PBG, if required as per NIT	
11	Compliance to: a) Liquidated Damage b) Warranty/Guarantee c) Arbitration/Resolution of Dispute d) Force Majeure e) Applicable laws	
12	Exception/Deviations quoted, if any, to be given in details or refer to respective page of the bid documents	

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_

.....

**CERTIFICATE OF ANNUAL TURNOVER & NET WORTH**

TO BE ISSUED BY PRACTISING **CHARTARD ACCOUNTANTS' FIRM** ON THEIR LETTER HEAD

**TO WHOM IT MAY CONCERN**

This is to certify that the following financial positions extracted from the audited financial statements of M/s.....(Name of the bidder) for the last three (3) completed accounting years upto..... **(as the case may be)** are correct

<b>YEAR</b>	<b>TURN OVER In INR (Rs.) Crores/ US \$ Million) *</b>	<b>NET WORTH In INR (Rs.) Crores / US \$ Million ) *</b>

\*Rate of conversion (if used any): USD 1.00 = INR .....

Place:

Date:

Seal

Membership No:

Registration Code:

Signature

**\*Applicable only for GLOBAL tenders**