

**Oil India Limited**  
**(A Govt. of India Enterprise)**  
**P.O. Duliajan – 786602, Assam**

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**Tender No. & Date** : **SDG4309P15/09** of **22.07.2014**

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security Amount : Applicable

**Bidding Type** : **SINGLE STAGE TWO BID SYSTEM**

Bid Closing on : As mentioned in the Basic Data of the tender in OIL's e-portal.

Bid Opening on : As mentioned in the Basic Data of the tender in OIL's e-portal.

Performance Guarantee : Applicable

**OIL INDIA LIMITED** invites Global Tenders for items detailed below:

Item No. / Mat. Code	Material Description	QTY.	UOM
10	<b>244.475</b> MM (9.5/8") OD Steerable Down Hole Mud Motor, suitable for drilling 444.50 mm (17.1/2") hole with all accessories as per the following Annexure:  a) Detailed specification - Annexure - I. b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria – Annexure- II. c) Technical & Commercial Check list vide Annexure- III.	2	Nos.

**Special Notes :**

1.0 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.

2.0 Technical Check list and Commercial Check list are furnished vide Annexure – III. Please ensure that both the check lists are properly filled up and uploaded along with Technical bid.

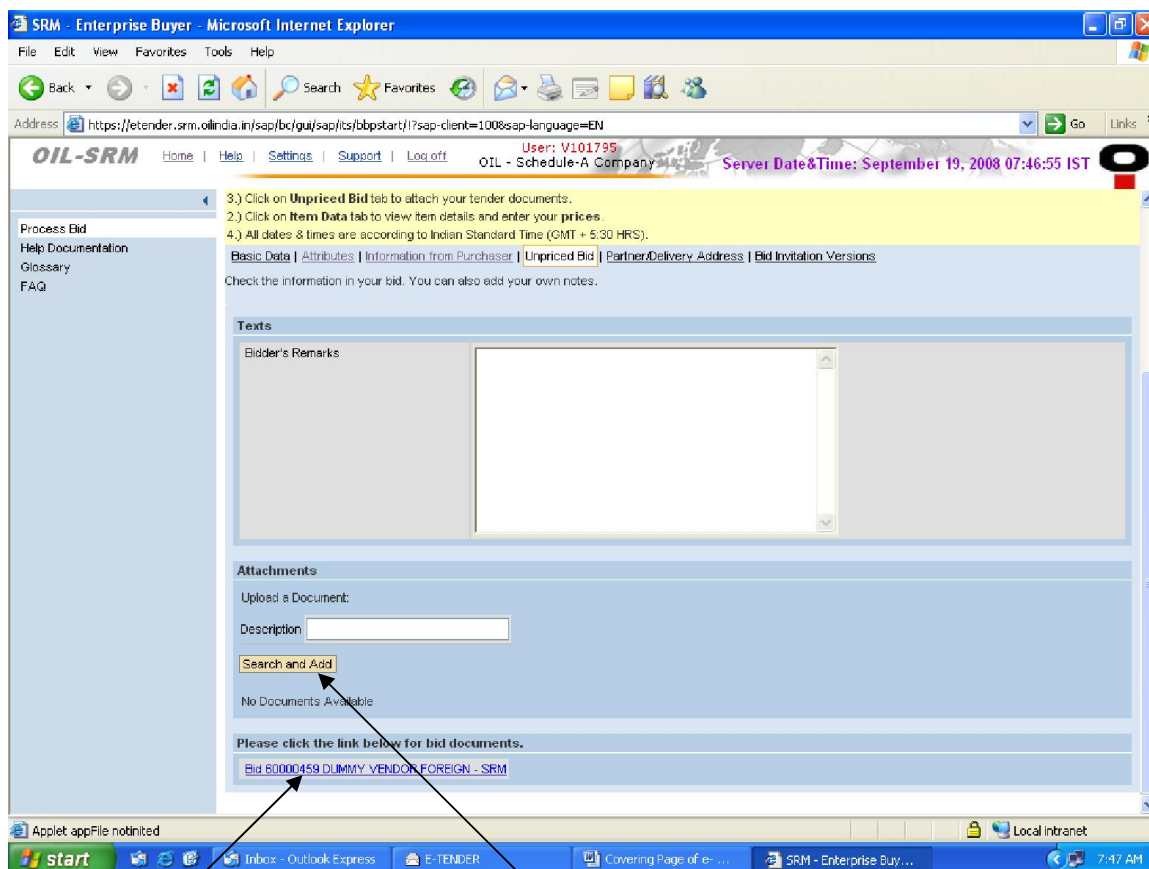
3.0 The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs Duty during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to "General Terms & Conditions".

4.0 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 scribed with tender no. and due date to The **Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.

**a) Original Bid Security.**

**b) Details Catalogue and any other document which have been specified to be submitted in original.**

5.0 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidders are required to submit both the “TECHNICAL” and “COMMERCIAL” bids through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. Please ensure that Technical Bid / all technical related documents related to the tender are to be uploaded in the c-Folder link (collaboration link) under Un-priced Bid Tab Page only. **Please note that no price details should be uploaded as c-Folder link (collaboration link) under Un-priced Bid Tab Page. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment in the attachment link under “Unpriced Bid” under “General Data”. A screen shot in this regard is given below.** Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in Annexure-II (Refer Clause 1.0 of (B) Commercial).



**C-FOLDER LINK**

**Details of prices as per Bid format / Commercial bid can be uploaded in this Attachment**

6.0 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 the rejection of its offer without seeking any clarifications.

7.0 Other terms and conditions of the tender shall be as per “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) and its amendments. 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 & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

8.0 **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. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. 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.

OIL's Independent External Monitors at present are as under:

- (I) SHRI N. GOPALASWAMI, I.A.S ( Retd) ,  
Former Chief Election Commissioner of India  
E-mail Id : [gopalaswamin@gmail.com](mailto:gopalaswamin@gmail.com)**
  
- (II) SHRI RAMESH CHANDRA AGARWAL , IPS( Retd)  
Former Director General of Police  
E-mail Id : [rcagarwal@rediffmail.com](mailto:rcagarwal@rediffmail.com)**

**SCOPE OF SUPPLY :**

**MATERIAL : 244.475 MM(9.5/8") MUD MOTOR**  
**QNTY. : 2 Nos.**

**1.0 ITEM DESCRIPTION:**

244.475 MM(9.5/8") STEERABLE DOWN HOLE MUD MOTOR, SUITABLE FOR DRILLING 17.1/2" (444.50 MM) HOLE WITH ALL ACCESSORIES AS PER UNDERNOTED SPECIFICATION:

1. Mud Motor OD = 244.475 MM(9.5/8")
2. Lobe configuration = 5:6 (minimum)
3. Stages = 4.0 or more
4. Operating Temperature = up to 120 Degree C
5. Motor flow rate = 500-1200 GPM (US)
6. Bit speed range = 100- 250 RPM
7. Bit Pressure Drop range = Between 700 PSI to 1500 PSI (49.2 kg/sq.cm. to 105.5 kg/sq.cm)
8. Motor Diff. Pressure range (at full load) = Between 600 PSI to 1000 PSI (42.18 kg/sq.cm. to 63.3 kg/sq.cm)
9. Maximum Torque = not less than 15,000 ft-lbs ((20,337 Nm)
10. Maximum Power output = not less than 375 HP (279.64kw)
11. Bit size range = 444.5 MM(17.1/2")
12. Range of adjustable bent housing (ABH) = 0 to 3 Degree (with industry standard sub divisions)
13. Top thread connection = 193.675 mm(7.5/8") API Reg. RH Box
14. Bottom thread connection = 193.675 mm(7.5/8") API Reg. RH Box
15. Overall length = 9.00 mtrs. (maximum)
16. All bearings = Mud-lubricated, tungsten carbide type.

**Other requirements:**

1. The dump valve section should be integral to the motor and the joints should be power tightened.
2. Motor should be suitable for use with water base mud or in soft to medium soft formations for both directional as well as performance drilling either with TCR (i.e. both mill tooth & insert) or PDC bits.
3. Motor should be complete with elevator sub for lifting purpose. The elevator sub should be suitable for use with 18-degree taper shouldered 5" OD drill pipe elevator.
4. Motor should be complete with safety catch in order to prevent fishing operation on a broken motor in the well.
5. Dump sub connections should preferably be 7.5/8" (193.675 mm) API Regular Box up x Pin down.
6. Motor should have the provision for 17" OD, 3-4 bladed, slip on replaceable type stabilizer sleeve at the bearing housing. Motor should be supplied with replaceable wear sleeve at the bearing housing in place of stabilizer.

**Accessories for the above mud motor:**

1. 9.5/8" (244.475 MM) OD universal bottom hole orientation sub having 7.5/8" API regular right hand box up & pin down connection, complete with sleeve, key, set screw & orientation tool, suitable for landing Eastman Christensen's 1.3/4" (44.54 mm) OD type single shot survey instrument. **Quantity = 2 no. against each Mud motor.**

2. Bearing Assembly: Quantity = **2 nos. against each Mud motor.**
3. Bent Sub = 1.5 degree ; length-50-80 cm; 9.1/2" OD x 3" ID; (7.5/8") API regular right hand box up & pin down connection: **Quantity = 1 no against each Mud motor.**
4. Bent Sub = 2 degree ; length- 50-80 cm; 9.1/2" OD x 3" ID; (7.5/8") API regular right hand box up & pin down connection: **Quantity = 1 no against each Mud motor.**
5. 17" OD, 3-4 Bladed, slip on replaceable type stabilizer sleeve on the bearing housing: **Quantity: 2 nos. against each Mud motor.**

**NOTE FOR BIDDERS:-**

1. The bidder must specify the offered item in details & should forward relevant product catalogue with drawing & literature of the offered item along with its performance curves.
2. 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 of the items. 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.
3. The bidder should forward 3 (three) copies of Operation, service & maintenance manual (indicating assembling & disassembling procedures), drawing and spare parts book having illustrated drawings and exploded views of the items with part nos in the event of an order place upon them with the consignment.
4. The bidder should forward a list of recommended spares for two years operation indicating year wise requirement with break up of price and part no of each & every item. However the cost of these spares will not be considered for bid evaluation purpose.
5. All test certificates / report (including dynamometer test) for mud motor should be forwarded along with the consignment (bidder must confirm the same while quoting).
6. All parts of the mud motor should be suitably marked for identification purpose. Additionally P.O. No. should be die stamped on the mud motor (in the event of order).
7. The items should be suitably coated with a protective coating both internally & externally to prevent corrosion and rusting during transit.
8. Threading and gauging of the rotary shoulder connections of Mud Motor should be as per API Spec.7-1 [latest edition].
9. Bidder should indicate the name of manufacturer & country of origin.
10. Bidders other than the Original Equipment Manufacturer (OEM), must enclose proper authorization certificate ( in original ) with a back up Warranty and Guarantee from the OEM to quote against this tender failing which the offer will be liable for rejection.
11. Bidder should submit experience details in format as given in the Annexure A along with documentary evidence.
12. Bidders should confirm each & every point clearly. Deviations, if any, should be highlighted in the quotation.

**Bid Rejection Criteria (BRC) & Bid Evaluation Criteria (BEC)**

**(I) BID REJECTION CRITERIA (BRC)**

The bid must conform to the specifications and terms and conditions given in the enquiry. Bid will be rejected in case the items offered do not conform to all the required technical 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 and conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected.

**(A) TECHNICAL :**

**1. MANUFACTURER'S EXPERIENCE:**

- 1.1 The Bidder / Manufacture must have the experience of supplying at least 3 (three) nos. STEERABLE DOWN HOLE MUD MOTORS of offered size or higher to the companies which are in the business of Oil & Gas in the last 3 years reckoning past from the Bid Closing date.
- 1.2 Documentary evidence in respect of the above should be submitted in the form of copies of relevant Purchase Orders along-with copies of any of the documents in respect of satisfactory execution of each of those purchase orders, such as:
  - i) Satisfactory inspection report OR
  - ii) Satisfactory supply completion / Installation report OR
  - iii) Consignee receipt delivery Challan OR
  - iv) Central excise gate pass / tax invoice issued under relevant rules of central excise/ VAT OR
  - v) Any other documentary evidence that can substantiate the satisfactory execution of each of the purchase order cited above.
- 1.3 Those Bidder/Manufacturers which successfully supplied Mud Motor of same size or higher to OIL INDIA LTD (OIL) in the past shall be considered qualify the experience criteria as stated in the Clause 1.1 provided they indicate in the bid itself the Purchase Order No. & Date, Quantity, Details of Mud Motor supplied to OIL in the past.
- 1.4 In case the bidder is not a manufacturer, then the bidder is required to submit documentary evidence in respect of the above clause 1.1 from the concerned manufacturer (having supplied such items either by manufacturer himself or his distributor) along with the techno-commercial bid.
  - 1.4.1 The bidder is required to submit valid Authorization certificate with warranty backup from the manufacturer along with the offer.
  - 1.4.2 The bidder must get confirmation from the manufacturer that the offered product will be supplied with API Monogram. The bidder should also furnish an undertaking from the manufacturer that all the API licenses along with authorization for API monogram shall be kept valid till execution of purchase order.
    - 1.4.2.1 In case renewal process of API license is in progress at the time of bidding, the bidder should furnish a letter from API to this effect that renewal of the license is

under examination with API and that the manufacturer is authorized to manufacture the items as per API license and to use API monogram till the renewal for license is issued. The bidder shall also submit an undertaking from the manufacturer to the effect that delay in renewal of API certificate shall not affect the stipulated delivery schedule of the tender /purchase order.

**(B) COMMERCIAL :**

- 1.0 Bids are invited under Single Stage Two Bid System. Bidders shall quote accordingly under Single Stage Two Bid System. Any offer not complying with the above will be rejected straightaway.
- 2.0 **Bid security of US \$ 8,250.00 or Rs. 3,70,000.00** shall be furnished as a part of the TECHNICAL BID (refer Clause Nos.9.0 & 12.0 (Section A) of "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders)). **Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration.** 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). The Bid Security shall be valid up to 24.09.2015.
- 3.0 Validity of the bid shall be minimum 6 months (180 days) from Bid closing date. Bids with lesser validity will be rejected.
- 4.0 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 eighteen months from the date of shipment/dispatch or twelve months from the date of 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 and no extra cost to OIL.
- 5.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for one year from the date of receipt/acceptance of goods or 18 months from the date of shipment whichever is earlier. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.
- 6.0 Bidders are required to submit the summary of the prices in their commercial bids as per bid format (Summary), given below:
  - (i) **Commercial Bid Format ( SUMMARY ) for Foreign Bidders** :
    - (A) Total material cost of Mud Motors with accessories
    - (B) Packing & FOB Charges
    - (C) Total FOB Port of Shipment value, ( A + B ) above
    - (D) Ocean Freight Charges upto Kolkata, India
    - (E) Insurance Charges
    - (F) Total CIF Kolkata value, ( C + D + E )
    - (G) Total value in words :
    - (H) Gross Weight :
    - (I) Gross Volume :
  - (ii) **Commercial Bid Format ( SUMMARY ) for Indigenous Bidders** :
    - (A) Total material cost of Mud Motors with accessories
    - (B) Packing and Forwarding Charges
    - (C) Total Ex-works value, ( A + B ) above

- (D) Excise Duty with Education Cess, (Please indicate applicable rate of Duty)
- (E) Sales Tax, (Please indicate applicable rate of Tax)
- (F) Total FOR Despatching station price, ( C + D + E ) above
- (G) Road Transportation charges to Duliajan
- (H) Insurance Charges
- (I) Assam Entry Tax
- (J) Total FOR Duliajan value, ( F + G + H + I ) above
- (K) Total value in words :
- (L) Gross Weight :
- (M) Gross Volume :

**NOTE :**

1. Cost of individual items must be quoted separately.

7.0 Offers received without Integrity Pact duly signed by the authorised signatory of the bidder will be rejected.

**(II) BID EVALUATION CRITERIA (BEC) :**

Bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria mentioned in Section D of "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005.

**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 TICK MARK 'YES' OR 'NO' TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

**(A) TECHNICAL CHECK LIST**

<u>Sl</u> <u>#</u>	REQUIREMENT	COMPLIA NCE
1.	Whether the OD of offered MUD MOTOR is 9.5/8" & is suitable for drilling 17.1/2" hole size.	YES/NO
2.	Whether the offered MUD MOTOR is having the flow rate of 500-1200 GPM (US).	YES/NO
3.	Whether the torque (at full load) of offered MUD MOTOR is more than 15,000 ft-lbs (20,337 Nm).	YES/NO
4.	Whether the top & bottom connections of offered MUD MOTOR are 193.675 mm(7.5/8") API Reg. RH Box respectively.	YES/NO
5.	Whether the offered MUD MOTOR is with adjustable bend housing (0 to 3 degree).	YES/NO
6.	Whether the offered Mud Motor has not less than or equal to 4 stages.	YES/NO
7.	Whether the offered Mud Motor has the Lobe size not less than or equal to 5:6.	YES/NO
8.	Whether the length of offered MUD MOTOR is less than or equals to 9.00 Mtrs.	
9.	Whether the bearings of offered MUD MOTOR is mud-lubricated.	YES/NO
10.	Whether the offered MUD MOTOR is furnished with elevator sub for lifting purpose & suitable for use with 18 degree taper shoulder 5" OD drill pipe elevator.	YES/NO
11.	Whether offered MUD MOTOR has the rotor catcher feature	YES/NO
12.	Whether the offered universal bottom hole orientation sub is exactly as per the specification.	YES/NO
13.	Whether relevant Catalogue, Drawing, Literature & installation, maintenance, operation & service manual (with illustrated drawings & exploded views) along with performance curves enclosed.	YES/NO
14.	Whether the list of recommended spares for MUD MOTOR is enclosed indicating quantity & price.	YES/NO
15.	Whether the name of manufacturer & country of origin indicated	YES/NO
16.	Whether the authorization from OEM together with warranty back-up enclosed.	YES/NO

**( B ) COMMERCIAL 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.

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 Supply House / Distributor. To Specify-	YES/NO
2.2	If quoted as Supply House / Distributor,	
	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Supply House for the product offered ?	
	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	YES/NO
3.0	Whether ORIGINAL Bid Bond in Revised Format -ANNEXURE VII (not copy of Bid Bond) Sent separately? If YES, provide details	YES/NO
	(a) Amount :	
	(b) Name of issuing Bank :	
	(c) Validity of Bid Bond :	
3.1	Whether offered firm prices?	YES/NO
3.2	Whether quoted offer validity of 6 months(180 days) from the date of closing of tender?	YES/NO
3.3	Whether quoted a firm delivery period?	YES/NO
3.4	Whether agreed to the NIT Warranty clause?	YES/NO
3.5	Whether confirmed to submit PBG as asked for in NIT?	YES/NO
3.5.1	Whether agreed to submit PBG within 30 days of placement of order?	YES/NO
3.6	Whether Price submitted as per Price Schedule(refer Para 6.0 of BRC vide Annexure – II)	YES/NO
3.6.1	Whether cost of Recommended Spares for 2 years of operations quoted?	YES/NO
3.7	Whether quoted as per NIT (without any deviations)?	YES/NO
3.7.1	Whether quoted any deviation?	YES/NO
3.7.2	Whether deviation separately highlighted?	YES/NO
3.8	Whether indicated the country of origin for the items quoted?	YES/NO
3.8.1	Whether technical literature / catalogue enclosed?	YES/NO
3.8.2	Whether weight & volume of items offered indicated?	YES/NO
4.0	For Foreign Bidders - Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding ?	YES/NO
4.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	YES/NO
4.2	Whether Indian Agent applicable?	YES/NO
	If YES, whether following details of Indian Agent provided?	YES/NO
	(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?	
5.0	For Indian bidders – Whether indicated the place from where the goods will be dispatched. To specify :	YES/NO
5.1	For Indian bidders – Whether road transportation charges up to Duliajan quoted?	YES/NO
5.2	For Indian Bidders only - Whether offered Ex-works price including	YES/NO

	packing/forwarding charges?	
5.3	For Indian Bidders only - Whether indicated import content in the offer?	YES/NO
5.4	For Indian Bidders only - Whether offered Deemed Export prices?	YES/NO
5.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	YES/NO
6.0	Whether all BRC/BEC clauses accepted?	YES/NO
7.0	Whether Integrity Pact with digital signature uploaded?	YES/NO
7.1	Whether all the clauses in the Integrity Pact have been accepted?	YES/NO

Signature \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

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**ANNEXURE A**

**Experience details should be submitted in following format along with documentary evidence.**

Sl. No.	Description of Equipment supplied	Name of customer with address, phone and fax number & e-mail.	Supply / Purchase order number and date of order (**)	Quantity supplied with size & make	Month & year of supply	Proof of execution of supply / P.O.
1						
2						
3						

(\*\*) Note: Order copy to be enclosed with relevant page no. bearing signature of purchaser or authenticated by purchaser.

**Name, Signature & Stamp of authorized person responsible for submitting the tender**

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