



CORRIGENDUM

ADDENDUM No.01 dated 10.12.2020

to

TENDER NO. SDH5442P21/06

This addendum is issued to amend/ modify as under:

1. The following item technical specifications under the head 'Annexure I:AA:: Item Details & Quantity of has been added which are already included in Annexure -II, Technical Checklist. Bidders to note and quote accordingly.

- | | |
|---------|-----------------------------------|
| 1.1.5.1 | Tilt angle control |
| 1.1.5.2 | Intensity of illumination control |
| 1.1.5.3 | Camera position. |

2. A Format B – Technical Compliance Sheet has been added and uploaded along with this Amendment vide Annexure -II A. Bidders to note and upload the same along with the bid.
3. No Bid Security /Earnest Money Deposit (EMD) shall be applicable till 31.12.2021. Instead of EMD /Bid Security, all the bidders shall be required to sign a “Bid securing declaration” accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the NIT/ Purchase order, they shall be suspended for the period of two (2) years. This suspension of two years shall be automatic without conducting any enquiry.

Bidders shall submit “Bid Securing Declaration” as per enclosed **PROFORMA-4** along with their Technical bids.

4. In case the Bidder is subsidiary company (should be 100% owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits its bid based on the strength of parent/ultimate parent/holding company, then following documents need to be submitted.

i) Turnover of the parent/ultimate parent/holding company should be in line with Para 1.0 above.

ii) Net Worth of the parent/ultimate parent/holding company should be positive in line with Para 1.1 above.

iii) Corporate Guarantee (as per **Proforma 8**) on parent/ultimate parent/holding company's company letter head signed by an authorized official undertaking that they would financially support their wholly owned subsidiary company for executing the project/job in case the same is awarded to them.

iv) Document of subsidiary company being 100% owned subsidiary of the

parent/ultimate parent/holding company.

5. All other Terms & Conditions of the Bid Document remain unaltered.

sd/-
KUMAR ABHIMANYU
Manager Materials (FD)
For GM-Materials (FP)
For CGM-Materials (HoD)
For Resident Chief Executive

PROFORMA –4 BID SECURITY
DECLARATION

To,
M/s. Oil India Limited

.....,
.....

Sub:
Tender No:.....

Dear Sir,

After examining / reviewing provisions of above referred tender documents (including all corrigendum/ Addenda), we M/s. (Name of Bidder) have submitted our offer / bid no.....

We, M/s.(Name of Bidder) hereby understand that, according to your conditions, we are submitting this Declaration for Bid Security.

We understand that we will be put on watch list/holiday/banning list (as per policies of OIL INDIA in this regard), if we are in breach of our obligation(s) as per following:

- (a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

- (b) having been notified of the acceptance of our Bid by the OIL INDIALIMITED during the period of bid validity:
 - (i) fail or refuse to execute the Contract, if required, or
 - (ii) fail or refuse to furnish the Contract Performance Security, in accordance provisions of tender document.
 - (iii) Fail or refuse to accept 'arithmetical corrections' as per provision of tender document.

- (c) having indulged in corrupt/fraudulent/collusive/coercive practice as per procedure.

Place:
Date:

[Signature of Authorized Signatory of Bidder]
Name:
Designation:
Seal:

PROFORMA – 8 PARENT/ ULTIMATE
PARENT/ HOLDING COMPANY'S
CORPORATE GUARANTEE
TOWARDS FINANCIAL STANDING

(Delete whichever not applicable)

(TO BE EXECUTED ON COMPANY'S LETTER HEAD)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at this day of by M/s(mention complete name) a company duly organized and existing under the laws of (insert jurisdiction/country), having its Registered Office atherein after called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their Tender No..... for.....and M/s.....(Bidder) intends to bid against the said tender and desires to have Financial support of M/s..... [Parent / Ultimate Parent/Holding Company>Delete whichever not applicable] and whereas Parent/Ultimate Parent/Holding Company>Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the Financial support as required by the bidder for qualifying and successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed by the Guarantor to give this Guarantee and undertakes as follows:

1. The Guarantor confirms that the Bidder is a 100% subsidiary of the Guarantor.
2. The Guarantor agrees and confirms to provide the Audited Annual Reports of any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.
3. The Guarantor have an annual financial turnover of minimum INR Cr or USD during any of the preceding 03(three) financial/ accounting years reckoned from the original bid closing date.
4. Net worth of the Guarantor is positive for preceding financial/ accounting year.
5. The Guarantor undertakes to provide financial support to the Bidder for executing the project/job, in case the same is awarded to the Bidder.
6. The Guarantor represents that:

(a) this Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Bidder.

(b) the liability of the Guarantor, under the Guarantee, is limited to the 100% of the order value between the Bidder and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Bidder.

(c) this Guarantee has been issued after due observance of the appropriate laws in force in India.

(d) this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of New Delhi, India.

(e) this Guarantee has been given without any undue influence or coercion, and that the

Guarantor has fully understood the implications of the same.

(f) the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations hereunder do not contravene any existing laws.

<p>for and on behalf of (Parent/Ultimate Parent/ Holding Company) (Delete whichever not applicable)</p> <p>Witness:</p> <ol style="list-style-type: none">1.2.	<p>for and on behalf of (Bidder)</p> <p>Witness:</p> <ol style="list-style-type: none">1.2.
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Technical Compliance SheetSub: Bid for Procurement of Spinning Drop Video TensiometerTender No:

Sl. No.	Specification	Bidder's Remark (Complied/Not Complied/Provid ed/Not provided)	Relevant page number/docume nt reference of their bid to support the remark (wherever applicable)	Remarks
1	<p>The bids shall conform generally to the specifications and terms & conditions given in the bid document. Bids shall be liable for rejection in case the materials/services offered do not conform to the required parameters stipulated in the technical specifications.</p> <p>Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected.</p>			
Special Terms and Conditions				
1.1	Along with the offer			
1.1.1	Detailed technical literature/brochure/supporting specifications – 2 copies			
1.1.2	The list of users (preferentially oil & gas companies) with their addresses (including e-mail, Contact no.) to whom the equipment has been sold within last 3 years including sales in India, if any, OIL will have an option to seek performance reports/comments from these users.			

1.1.3	List of essential spares with quantity for smooth running of the instrument for (2) two years after the expiry of the warranty period. The Price of the same shall be provided in the price bid.			
1.1.4	List of optional spares and consumables with their description, quantity. Price of the same shall be mentioned along with the price bid. However, it will not be considered for bid evaluation.			
1.1.5	List of authorized representatives/agencies/suppliers who can provide after sale maintenance service/calibration facility in India with their addresses.			
1.1.6	Guarantee certificate for the lifetime supply on OEM's letter head (i.e. for at least ten (10) years after the warranty period) of spares & consumables for the equipment.			
1.1.7	List of accessories, mechanical tools, consumable spares etc. included in the installation kit.			
2.0	The bidder should submit the filled bid documents: FORMAT - A (NO DEVIATION CONFIRMATION) and FORMAT - B (TECHNICAL COMPLIANCE SHEET)			
3.1	Bidder/supplier should provide details of the system requirement along with the essential space/safety requirement and power requirement for the equipment as well as for accessories supplied with the equipment.			
3.7	Two (2) persons of OIL should be imparted onsite training in the operation of the software and the instrument along with the routine maintenance of the instruments for three (3) working days once the instrument is commissioned/made operational during installation. The training shall be imparted by the engineer from OEM/Engineer from			

	AUTHORIZED DEALER/ AUTHORIZED DISTRIBUTOR / AUTHORIZED SUPPLIER / WHOLLY OWNED SUBSIDIARY OF OEM who has been trained by the OEM. The corresponding certificate of training by OEM not older than 5 (Five years) with the date of training must be submitted along with the bid.			
3.9	The bidder must have authorized servicing center factory trained service engineers based in India (either directly or through an Indian agency) for installation and servicing of the instrument. In case of engaging Authorized Indian Agent, the service person must be trained by the Original Equipment Manufacturer (OEM) at OEM's facility and certificate of the same with dates of training must be submitted along with the bid on OEM's official letter head. The onsite training after installation must be provided by the engineers from OEM as referred under 'Special Terms & Condition' clause 3.7.			
6.3	The bidders must submit a written undertaking that they would be able to provide AMC service for a period of five (5) years at the quoted rates after expiry of the warranty period. It should categorically mention that the time of availing the AMC will be at user's discretion and the value of the AMC for the next five years after expiry of the warranty period will be valid irrespective of the time of availing the same within that five (5) year span.			
8.1	In case the OEM is bidding through an Indian agent, the OEM should give a written undertaking that they will be responsible for providing the warranty and annual maintenance as per the clauses above, even if there is a change in the Indian agency of the manufacturer. The undertaking from OEM should also include that, if in future, OEM does not have any Indian agency, the service			

	will be provided directly by the service engineer of the OEM without any extra charge.			
Item Description				
Item	High performance Computer controlled and fully automatic Video Spinning Drop Tensiometer for the measurement of static and time dependent (dynamic) Interfacial Tension of two immiscible liquids at temperature upto 130 °C complete with following essential components & features, Technical specifications etc.:			
Broad Scope-Essential Components & Features of the equipment:				
1.1	Video Based (10 images/sec or better) with high resolution (750 x 550 pixels or better)			
1.1.1	Stage for mounting the measuring cell			
1.1.2	The angle of the stage of the measuring cell shall be adjustable			
1.1.3	Fast Exchangeable measuring cell			
1.1.4	Temperature controlled chamber containing the measuring cell			
1.1.5	Touch screen or suitable local control for basic operation such as			
1.1.5.1	Tilt angle control			
1.1.5.2	Intensity of illumination control			
1.1.5.3	Camera position			
1.1.6	Illumination of the chamber containing the measuring cell			
1.2	PC with Software capable for various functions as detailed below			

1.2.1	Calculation of the Interfacial Tension based on spinning drop contour as per various methods including Young Laplace method			
1.2.2	Control of the rotational speed of the measuring cell			
1.2.3	Control of the tilt of the measuring cell mounting base			
1.2.4	Control of the camera position			
1.2.5	Automatic Calibration of the drop			
1.2.6	Automatic Drop Hold Function to maintain the drop within the view of the camera by automatic tilting and/or camera movement so that time dependent IFT can be measured without manual intervention.			
1.2.7	Automatic temperature recording			
1.2.8	Recording of time dependent and temperature dependent Interfacial Tension			
1.2.9	Export of measurement values			
1.2.10	Storage of video, image for taking measurement later on in case of fast decrease in Interfacial Tension			
1.2.11	Liquid data base with density, refractive index etc. as applicable in the calculation formula for IFT			
1.2.12	Automatic compensation of the temperature dependent parameters like density, refractive index etc. as applicable in the calculation formula for IFT.			
1.2.13	Adjustment of the illumination of the chamber			
1.2.14	Optical Zoom			
1.3	Temperature control system			
1.3.1	Temp range of 120 deg C or better			
1.3.2	Provision of Reverse Cooling if it is a system requirement			
1.4	Detailed Technical Specification			
1.4.1	Interfacial tension measurement range: 0.000001 mN/m to 2000 mN/m			
1.4.2	Temperature measurement range: 0 to +130°C or more			
1.4.3	0 to 15000 rpm or better & continuously adjustable			

1.4.4	Long term stability of the absolute rotational speed within ± 1 rpm			
1.4.5	Tilt angle of the measuring cell stage ± 10 degree and more			
1.4.6	Must be compatible with Power supply 230 VAC, 50 Hz			