

Clarification on Pre-bid queries against Tender No. CGI5228P21

		Tender documents		
Item	Ref.	Specification or original text	SUPPLIER deviation or clarification	Remarks (OIL's Clarification)
1	Agreement bidder – parent (p.37)	a. This agreement will remain valid till validity of bidder's offer to OIL including extension if any and till satisfactory performance of the Contract in the event the Contract is awarded by OIL to the bidder.	a. This agreement will remain valid till validity of bidder's offer to OIL including extension if any and for the terms of the Contract (including discharge of the warranty obligations) also till satisfactory performance of the contract in the event the bid is accepted and contract is awarded by OIL to the bidder.	Deviation quoted by supplier is not acceptable and OIL's Terms & Conditions shall be applicable without any change.
2	Agreement bidder – parent (p.37)	b. It is further agreed that for the performance of work during Contract period bidder and Parent Company shall be jointly and severally responsible to OIL for satisfactory execution of the contract.	b. It is further agreed that for the performance of work during Contract period bidder and Parent Company shall be jointly and severally responsible to OIL for satisfactory execution of the contract.	Deviation quoted by supplier is not acceptable and OIL's Terms & Conditions shall be applicable without any change.

3	Agreement bidder – parent (p.37)	c. However, the bidder shall have the overall responsibility of satisfactory execution of the Contract awarded by OIL.	c. However, the bidder shall have the overall responsibility of satisfactory execution of the Contract awarded by OIL.	Deviation quoted by supplier is not acceptable and OIL’s Terms & Conditions shall be applicable without any change.
4	Parent guarantee (p.34)	The Subsidiary shall arrange a guarantee from its parent company guaranteeing due and satisfactory performance of the work covered under the said tender including any change therein as may be deemed appropriate by the Company at any stage.	The Subsidiary shall arrange a guarantee from its parent company guaranteeing due and satisfactory performance in according with contractual requirements of the work covered under the said tender including any change therein as may be deemed appropriate by the Company at any stage.	Deviation quoted by supplier is not acceptable and OIL’s Terms & Conditions shall be applicable without any change.
5	Parent guarantee (p.35)	1. The Guarantor (Parent Company) unconditionally agrees that in case of non-performance by the Subsidiary of any of its obligations in any respect, the Guarantor shall immediately on receipt of notice of demand by the Company take up the job without any demur or objection, in continuation and without loss of time and without any cost to the Company and dully perform the obligations of the Subsidiary to the satisfaction of the Company. In case the Guarantor also fails to discharge its obligations herein and complete the job satisfactorily, the Company	1. The Guarantor (Parent Company) unconditionally agrees that in case of non-performance by the Subsidiary of any of its obligations in any respect due to the sole negligence of the Subsidiary, the Guarantor shall as soon as possible immediately on receipt of notice of demand by the Company take up the job without any demur or objection, in continuation and without loss of time and without any cost to the Company and dully perform the obligations of the Subsidiary to the satisfaction of the Company . In case the Guarantor also fails to discharge its obligations herein and complete the job satisfactorily , the Company shall have absolute rights for effecting the execution	Deviation quoted by supplier is not acceptable and OIL’s Terms & Conditions shall be applicable without any change.

		shall have absolute rights for effecting the execution of the job from any other person at the risks and costs of the Guarantor. The Guarantor also undertakes to make good any loss that may be caused to the Company for non-performance or un-satisfactory performance by the Guarantor or Subsidiary of any of their obligations.	of the job from any other person at the risks and costs of the Guarantor. The Guarantor also undertakes to make good any direct loss that may be caused to the Company for non-performance or un-satisfactory improper performance by the Guarantor or Subsidiary of any of their obligations. The Guarantor shall not be liable and does not indemnify Company or its third parties for any indirect losses or consequential damages (such as loss of production, loss of profits, loss of business or any other indirect losses), however arising from the said failure or breach for which Subsidiary may be made liable thereunder.	
6		2. The Guarantor agrees that the 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 Subsidiary.	The Guarantor agrees that the Guarantee herein contained shall remain valid for the term of the Contract and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) under the contract that may be awarded to the Bidder/ Contractor	Deviation quoted by supplier is not acceptable and OIL's Terms & Conditions shall be applicable without any change.
7		3. The Guarantor shall be jointly with the Subsidiary as also severally responsible for satisfactory performance of the contract entered between the Subsidiary and the Company.	3. The Guarantor shall be jointly with the Subsidiary as also severally responsible for satisfactory performance of the contract entered between the Subsidiary and the Company.	Deviation quoted by supplier is not acceptable and OIL's Terms & Conditions shall be applicable without any change.

8		<p>4. The liability of the Guarantor under this Guarantee is limited to the total value of the contract entered between the Subsidiary and the Company and in no event shall the Guarantor's liability hereunder, either in its capacity of Guarantor or as Contractor should it perform the Contract in the event of the subsidiary's non-performance as per point No.1 herein above, exceed that of the Subsidiary under the mutually agreed Contract awarded to the Subsidiary. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Subsidiary.</p>	<p>4. The liability of the Guarantor under this Guarantee is limited to the total value of the contract entered between the Subsidiary and the Company and in no event shall the Guarantor's liability hereunder, either in its capacity of Guarantor or as Contractor should it perform the Contract in the event of the subsidiary's non-performance as per point No.1 herein above, exceed that of the Subsidiary under the mutually agreed Contract awarded to the Subsidiary. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Subsidiary.</p>	<p>Deviation quoted by supplier is not acceptable and OIL's Terms & Conditions shall be applicable without any change.</p>
9		<p>5. The Guarantor represents that this Guarantee has been issued after due observance of the appropriate laws in force in India. The Guarantor hereby undertakes that the Guarantor shall obtain and maintain in full force and affect all the Governmental and other approvals and consents that are necessary and do all other acts and things necessary or desirable in connection there with or for the due performance of</p>	<p>5. The Guarantor represents that this Guarantee has been issued after due observance of the appropriate laws in force in Switzerland India. The Guarantor hereby undertakes that the Guarantor shall obtain and maintain in full force and affect all the Governmental and other approvals and consents that are necessary and do all other acts and things necessary or desirable in connection there with or for the due performance of the</p>	<p>Deviation quoted by supplier is not acceptable and OIL's Terms & Conditions shall be applicable without any change.</p>

		the Guarantors obligations hereunder.	Guarantors obligations hereunder.	
10		6. The Guarantor also agrees that 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 Assam, India.	6. The Guarantor also agrees that this Guarantee shall be governed and construed in accordance with the laws in force in Switzerland India and subject to the exclusive jurisdiction of the courts of Assam, India.	Deviation quoted by supplier is not acceptable and OIL's Terms & Conditions shall be applicable without any change.
	GTC p.42			
11	15.5	15.5 Except as otherwise expressly provided herein, neither CONTRACTOR nor its servants, agents, nominees, CONTRACTORs or sub-CONTRACTORs shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss or damage to the property of the COMPANY and/or their CONTRACTORs or sub-CONTRACTORs, irrespective of how such loss or damage is caused and even if caused by the negligence of CONTRACTOR and/or its servants, agents, nominees, assignees, CONTRACTORs and sub-CONTRACTORs. The COMPANY shall protect, defend, indemnify and hold harmless CONTRACTOR from and	15.5 Except as otherwise expressly provided herein, Notwithstanding anything to the contrary neither CONTRACTOR nor its servants, agents, nominees, CONTRACTORs or sub-CONTRACTORs shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss or damage to the property of the COMPANY and/or their CONTRACTORs or sub-CONTRACTORs, irrespective of how such loss or damage is caused and even if caused by the negligence of CONTRACTOR and/or its servants, agents, nominees, assignees, CONTRACTORs and sub-CONTRACTORs. The COMPANY shall protect, defend, indemnify and hold harmless CONTRACTOR from and against such loss or damage	Deviation quoted by supplier is not acceptable and OIL's General Terms & Conditions shall be applicable without any change.

		against such loss or damage and any suit, claim or expense resulting there from.	and any suit, claim or expense resulting there from.	
12	15.6	15.6 Except as otherwise expressly provided herein, neither CONTRACTOR nor its servants, agents, nominees, assignees, CONTRACTORs, sub-CONTRACTORs shall have any liability or responsibility whatsoever to whomsoever for injury or illness, or death of any employee of the COMPANY and/or of its CONTRACTORs or sub-CONTRACTORs irrespective of how such injury, illness or death is caused and even if caused by the negligence of CONTRACTOR and/or its servants, agents, nominees, assignees, CONTRACTORs and sub-CONTRACTORs. COMPANY shall protect, defend indemnify and hold harmless CONTRACTOR from and against such liabilities and any suit, claim or expense resulting there from.	15.6 Except as otherwise expressly provided herein, Notwithstanding anything to the contrary neither CONTRACTOR nor its servants, agents, nominees, assignees, CONTRACTORs, sub-CONTRACTORs shall have any liability or responsibility whatsoever to whomsoever for injury or illness, or death of any employee of the COMPANY and/or of its CONTRACTORs or sub-CONTRACTORs irrespective of how such injury, illness or death is caused and even if caused by the negligence of CONTRACTOR and/or its servants, agents, nominees, assignees, CONTRACTORs and sub-CONTRACTORs. COMPANY shall protect, defend indemnify and hold harmless CONTRACTOR from and against such liabilities and any suit, claim or expense resulting there from.	Deviation quoted by supplier is not acceptable and OIL's General Terms & Conditions shall be applicable without any change.
13	16b	b) Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the	b) Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the	Deviation quoted by supplier is not acceptable and OIL's General Terms & Conditions shall be applicable without any change.

		<p>CONTRACTOR in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 100% of the Contract Price (if not specified otherwise in SCC), provided however that this limitation shall not apply to the cost of repairing or replacing defective equipment by the CONTRACTOR, or to any obligation of the CONTRACTOR to indemnify the COMPANY with respect to Intellectual Property Rights.</p>	<p>CONTRACTOR in respect of this contract, whether under Contract, in tort or otherwise, shall not exceed 100% of the Contract Price (if not specified otherwise in SCC), provided however that this limitation shall not apply to the cost of repairing or replacing defective CONTRACTOR's equipment by the CONTRACTOR, or to any obligation of the CONTRACTOR to indemnify the COMPANY with respect to Intellectual Property Rights.</p>	
14	Pg. 99 of STC 7.1	<p>The contractor shall perform its works in such a manner as will prevent damage to the Company's pipeline and shall carry out the works in such a manner as to conform to, be consistent with and not interfere in any way with continuous and safe operation of the pipeline. In the event of disruptions in the normal pipeline operations during the run of gauging tool, cleaning tool and inspection tool for the reasons other than as specified in clause 8.0 hereunder, the Contractor</p>	<p>Please, delete the section completely. Contrary to knock-for-knock in the GTC (art. 15).</p>	<p>Deviation quoted by supplier is not acceptable and OIL's Special Terms & Conditions shall be applicable without any change.</p>

	<p>shall pay the Company as follows:</p> <p>a) ₹ 3.6 million per day of shut-down of its operation on hourly pro-rata basis, and</p> <p>b) Cost of unrecoverable petroleum product spilled during such disruption/ damage, at the prevailing market price. The aggregate amount of compensation payable to the Company for the above shall be limited to maximum of Rs.5.0 million per event.</p> <p>Provided further that the foregoing shall also apply in case of a shutdown of normal pipeline operation due to obstruction caused by the contractor's equipment.</p> <p>7.2 The foregoing clause 7.1 shall be applicable in the event of the contractor not able to rectify the problem within 6 hours of its occurrence.</p> <p>7.3 The Contractor shall perform IP Survey and other related works in a suitable and safe manner so as to prevent damage to</p>		
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		<p>the company's property and conform to and be consistent with, operational practices of hydrocarbon pipeline. Any permanent damage/loss to the Company's pipeline, assets and plants due to actions undertaken by the contractor while providing the services under this Contract shall have to be remedied by the Contractor, entirely at their own cost. This cost shall include all expenditure on replacement in relation thereto, as may be incurred by the Company and not be limited to actual replacement cost of such damaged pipeline, assets or plants.</p>		
15	8.3.b. STC (p.104)	<p>b) If contractor's equipment in the pipeline becomes stuck which is caused due to faults in the design and selection of the inspection equipment or any such</p>	<p>Please, exclude. Consequential damages shall be excluded. Refer above as well.</p>	<p>As per tender clause.</p>

		reasons attributable to the contractor, then, The contractor shall be held responsible for such shut down and cost of shutdown shall be recovered as per clause no 7.0 from the Contractor. The contractor shall not be entitled for any standby rates for the period of such shut down of pipeline operation.		
16	New clause in STC		In the event of the pig getting stuck in the pipeline during any pigging activity, retrieval of tool shall be carried out by the OIL. Contractor shall be liable for related retrieval direct costs/expenses only in case lodging is solely attributable to Contractor.	Not Agreed
17			All Intellectual Property residing in any information, materials, products and equipment of any nature whatsoever supplied by one Party to the other under this Contract shall belong exclusively to and shall remain the property of the Party supplying the said Intellectual Property. The Company agrees that all Intellectual Property in all data, specifications, solutions, drawings, know-how, technical information, inventions and technologies developed, obtained, created, written,	Not Agreed

			<p>prepared or discovered by the Parties or by either Party as a result of the performance of the Contract shall reside solely in CONTRACTOR and CONTRACTOR shall have the exclusive right to protect, exploit and enforce its rights to those Intellectual Property Rights. The Parties agree that the transfer of information under this Contract shall not constitute a prior publication in terms of a potential patent application that CONTRACTOR may want to file, thereby not being prejudicial as to novelty.</p>	
18	New clause in STC		<p>CONTRACTOR and the Company may in the course of performance of the Contract provide each other with Personal Data. Personal Data, is any information relating to an identified or identifiable individual, unless otherwise defined related to the protection of individuals, the processing of such information, and security requirements for and the free movement of such information. Any processing of Personal Data will be done in accordance with the terms of this Contract and the applicable laws.</p> <p>The Company will implement all appropriate security measures to</p>	Not Agreed

			<p>protect Personal Data against accidental, unlawful, or unauthorized (i) destruction (ii) loss, (iii) alteration, (iv) disclosure, or (v) access (including remote access). The Company will protect Personal Data against all other forms of unlawful processing, including unnecessary collection, transfer, or processing, beyond what is strictly necessary for the performance of the Contract.</p> <p>Prior to any transfer of Personal Data by the Company, the Company will impose all obligations as required by the Contract and the applicable laws.</p> <p>Any person acting under the authority of the Company must not process the data except on instructions from CONTRACTOR.</p>	
19	Terms of reference, 4.0, d), Pg 92	a) The Contractor shall ascertain and satisfy them for the desired level of cleanliness prior to undertaking each IP Tool run. Cleaning of the pipeline forms part of the inspection operation and time taken to achieve the desired level of cleanliness shall not be counted as a time for standby day rate. Extra cleaning PIG	Please provide the details of periodic cleaning runs done by OIL and also please share the results.	Attached in Annex –I for Pigging in FY 2020-21.

		runs if necessary, then the contractor has to run the required number of extra pigs to achieve the degree of cleanliness at no extra cost to OIL. However, the debris collected during the cleaning shall be disposed of by the Company.		
20	Terms of reference, 4.0, e), Pg 92	Activities such as marking of the entire terrain of the pipeline and installation of 'reference points' will be responsibility of the Contractor. The Company will however extend required assistance for carrying out the job conveniently in the form of co-coordinator. To achieve the objective with seemingly reduced effort, the Contractor is advised /expected to equip themselves with Geo-positioning system and Electronic/Magnetic marker, in adequate numbers with in-built power source.	Bidder requests OIL to confirm that excavation and backfilling for marketing purpose will be done by OIL. This is the standard case with most similar tenders	OIL confirms that excavation and backfilling for marketing purpose will be done by OIL. Rest as per the tender clause.
21	Terms of reference, 6.0, iii), g 98	All the inspection tools supplied by the Contractor should preferably be designed such that if it gets stuck in the pipeline, the drive-cup should blow-through and create a 'bypass' facility for itself to continue its forward propel.	Bidder request OIL to make this requirement optional as it is not a part of the standard configuration of tools and the costs will escalate significantly to custom design such drive cups.	As per terms of the tender.

22	Special terms and conditions, 7.0, 7.3, g 103	The Contractor shall perform IP Survey and other related works in a suitable and safe manner so as to prevent damage to the company's property and conform to and be consistent with, operational practices of hydrocarbon pipeline. Any permanent damage/loss to the Company's pipeline, assets and plants due to actions undertaken by the contractor while providing the services under this Contract shall have to be remedied by the Contractor, entirely at their own cost. This cost shall include all expenditure on replacement in relation thereto, as may be incurred by the Company and not be limited to actual replacement cost of such damaged pipeline, assets or plants.	Bidder requests OIL to remove this requirement as this is not a part of the contractor scope for all such similar tenders by various other clients. The costs will go up significantly for OIL if we have to price in this risk in our bid pricing.	OIL confirmed that this clause is applicable only if any permanent damage/loss to the Company's pipeline, assets and plants are due to Bidder' fault or action
23	Special terms and conditions, 7.0, 7.1, Pg 103	The contractor shall perform its works in such a manner as will prevent damage to the Company's pipeline and shall carry out the works in such a manner as to conform to, be consistent with and not interfere in any way with continuous and safe operation of the pipeline. In the event of disruptions in	Bidder requests OIL to remove this requirement as this is not a part of the contractor scope for all such similar tenders by various other clients. The costs will go up significantly for OIL if we have to price in this risk in our bid pricing.	As per terms of the tender.

		<p>the normal pipeline operations during the run of gauging tool, cleaning tool and inspection tool for the reasons other than as specified in clause 8.0 hereunder, the Contractor shall pay the Company as follows:</p> <p>a) ₹ 3.6 million per day of shut-down of its operation on hourly pro-rata basis, and</p> <p>b) Cost of unrecoverable petroleum product spilled during such disruption/ damage, at the prevailing market price.</p> <p>The aggregate amount of compensation payable to the Company for the above shall be limited to maximum of Rs.5.0 million per event.</p> <p>Provided further that the foregoing shall also apply in case of a shutdown of normal pipeline operation due to obstruction caused by the contractor's equipment.</p>		
24	Special terms and conditions, 9.0, Pg 104	Re runs shall only be permitted by owner after due assessment of the reasons for re-run and acceptance of re-run requirement. No re run charges shall be payable for gauging and cleaning runs.	In case of any geometrical defects in the pipeline due to which the intelligent cannot pass, the defects need to be repaired before proceeding for ILI run. To confirm the pipeline is through a rerun of gauge pig is necessary.	As per terms of the tender.

		<p>Re –run charges shall be payable only for intelligent pig in case such re-runs are necessitated due to reasons not attributable to the contractor like in a situation of accidental closure of downstream valve (ahead of pig), prolonged line shutdown, and such other very unusual circumstances. In such cases, the contractor shall be entitled to payment of re-run rates mentioned in the SOR. However, in such cases no standby charges, damages or any other charges shall be payable to the contractor except that the time extension without imposing price discount/liquidated damages may be granted to the contractor to the extent his work was affected. However, no re-run charges shall be payable in case such re-runs are necessitated due to reasons attributable to the contractor. The bidder is required to quote the prices for re-run as a percentage in the format described in schedule of rates. The percentage rate quoted shall in no case exceed 15%.Bidders may note that</p>	<p>Please include a line item for the cost of rerun of the gauge tool caused due to this reason.</p>	
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		for the purpose of evaluation of each price bid, the quoted cost of one re-run shall be added to the lump sum inspection cost for comparison of the price bids.		
25	Annexure II, Pg. 113		Kindly share the pig trap dimensions of all the pig traps.	Please refer Annex-II page -113
26	Annexure II, Pg. 113		Kindly share the pipeline data for all the pipelines.	Please refer Annex-I page -109
27	Annexure II, Pg. 113		Kindly confirm the temperature of the product during pigging operation.	The temperature of the product remains in the range of 23 degree to 50 degree.
28	SOQ		In order to estimate proper cost in SOQ, please accept & confirm that we can consider four (04) nos. of cleaning run in our commercial offer. As per our experience in inspecting crude oil pipelines it is difficult to estimate the number of cleaning runs required to clean the pipeline given the fact that crude pipelines are subject to accumulation of wax and debris. So, please advise how many maximum number of cleaning runs should contractor include while estimating cost to derive the final price. We recommend including up to 4 nos. in basic cost.	Required no of cleaning pigs to be run is under Bidder's scope so as to ascertain and satisfy themselves for the desired level of cleanliness prior to undertaking each IP Tool run. The IPS survey contains 11 sections, out of which the probability of higher cleaning run is in 5 sections. Data from the regular pigging operation for the last 2 years are given as Annexure. We would like to share the fact that in last ILI carried out in 2009-10, for desired level of cleanliness prior to ILI tool run , average cleaning pig run in each of the 5 sectors was more than 50. In other sectors, the average cleaning pig run was in the range of 15-20 per sector.

			Any additional cleaning runs, if required, would be paid for, by company.	
29			<p>Please provide us following with respect to cleaning of pipeline, to properly estimate the no. of cleaning runs that would be required (this will be essential for cost estimation purpose also):</p> <ol style="list-style-type: none"> 1. Frequency of running cleaning pigs 2. The amount of debris/wax received at the receiver during each run 3. Images of the cleaning pigs which were used for cleaning the pipeline. 	<ol style="list-style-type: none"> 1. The frequency of running cleaning Pigs is 15 days. 2. As per our record sludge collected at all 11 locations in last 5 FY from 2016 are provided below. 3. Pigs used are Standard BI-DI and cup pigs for cleaning operation.
30			<p>Since contract completion period is dependent on activities that are to be undertaken by client, and which are outside the purview of contractor, therefore, in order to confirm our acceptance on “contract period”, we request client to provide its confirmation on following:</p> <ol style="list-style-type: none"> 1. Client will complete dig verification activity (per pipeline) within 30 day of submission of preliminary report, in line with project requirement (as per our experience, 30 days’ time should be more than sufficient to conclude this activity by client) 2. Client will send its preliminary report approval to contractor 	<ol style="list-style-type: none"> 1. As per para 5.3 f) of Terms of Reference of the Tender Document, the contractor shall offer 3-defect locations for ‘joint verification. OIL will select any one location and agrees to carry out dig verification within 30days of receipt of offer of joint verification from the contractor after submission of preliminary report. In case dig site verification does not match and fresh dig verification has to be done, additional 30 days will be required. 2. Agreed. 3. Minimum 3weeks time is required for the same.

			<p>within 7 days of completion of JDV (if JDV is successful)</p> <p>3. Client will send its approval for acceptance of Final report (FR) within 14 days of submission of FR (as per our experience, 14 days' time should be more than sufficient to conclude on this)</p>	
31			<p>In case Preliminary/Final Reports (which would be as per SOW) are not approved by client within specified timeline, then report will get automatically accepted, and contractor will start the next activity.</p>	As per above
32			<p>In case of any delay in concluding dig verification within specified timeline (for reason not attributable to contractor), then the contractor's invoice, linked to dig verification, will not be put on hold by company.</p>	Already cleared as per sl. no-30 (1)
33			<p>The report revision request (for any format related matter) will not exceed more than 2 revision</p>	Agreed
34			<p>Please confirm that EIC will approve the invoices within 7 days of submission of the invoices, if the invoices are in line with contract's terms & conditions.</p>	Agreed
35			<p>Contractor will do its cost estimation considering that its crew & tools will not remain on standby at site for more than 4</p>	Standby charges will be as per clause no-8.0, page no 103 of tender document.

			days. In case crew or tool would remain idle at site for more than 4 days, then separate standby charges shall be applicable. Please confirm that contractor don't have to build standby charges in its basic price towards unanticipated idling of its crew & tool for any delay caused by company, beyond 04 (four) days.	
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Sludge in KG collected at 11 locations from 1st march 2016 to 31.03.2021.

RS18	PS2	RS1	PS3	RS2	NRL	RS3	PS4	RS4	RS5	PS5	
17750	6155	8632	7737	1111	1650	1985	1495	53	34	25	Total sludge
45	45	43	43	40	40	34	32	25	22	24	No. of pigging for last 2 FY