

**TENDER/BOO/URMT/2017/01/46 DATED 11.12.2017**

**Consolidated Reply / Comments on the Pre bid queries from all prospective bidders**

**Corrigendum /Addendum will be published for any changes or addition to tender TENDER/BOO/URMT/2017/01/04. Please check [www.assamtenders.gov.in](http://www.assamtenders.gov.in) or [www.assamgas.org](http://www.assamgas.org) for any such update.**

Sl.No	Tender Clause No.	Description of Tender clause	Pre Bid Query	AGCL Remarks/Reply/clarification
1	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT clause No.8.7	8.7 Goods and Service Tax (GST) : The GST amount on the taxable part of the services provided by the Contractor shall be paid by the Company as per provisions of the GST Act.	Bidder has to quote the rates exclusive of GST as GST is being paid by AGCL. Please clarify if understanding is correct	Yes the BOQ is exclusive of taxes as per clause 6.0 of BEC Part 2.
2	FORWARDING LETTER clause No.10	10.0 AGCL reserves the right to increase/decrease the quantum of job at the time of award of contract and it will be obligatory on the part of the successful bidder to accept the same at the offered rates.	It is requested that any decrease in the quantum more than 20% then award should be with mutual consent	Tender condition prevails.
3	FORWARDING LETTER Point no 17 (salient points of the Tender )Amount of Performance Guarantee	10% of the annual contract value ( one year contract value)	We understand that for this purpose the TOTAL of item no 3.1 and 4.1, divided by three shall be considered by AGCL	10% of annual contract value includes one year contract value that include Fixed and variable charges only. 1st Year PBG for first 3 years 2nd Year PBG for next three years and 3rd PBG for last three years.
4	PART - 1 INSTRUCTIONS TO BIDDERS CLAUSE NO 25.0 PERFORMANCE SECURITY & 26.0 SIGNING OF CONTRACT:	25.1 <b>Within 2(two) weeks of issue</b> of notification of award from the Company, the successful Bidder shall furnish to Company the Performance Security for an amount specified in the Forwarding Letter and Letter of Award (LOA) issued by Company to Contractor awarding the contract as per Proforma-E or in any other format acceptable to the Company and must be in the form of Bank Guarantee (BG) from any of the following Banks. 26.2 <b>Within 2 (two) weeks</b> of issue of LOA, the successful Bidder shall sign and date the contract and return it to the Company. Till the contract is signed, the LOA issued to the successful bidder shall remain binding amongst the two parties.	Since PBG is to be submitted within 2 weeks, signing of the contract period may please be increased to 4 weeks in place of two weeks	Tender condition prevails.
5	PART-2 BID EVALUATION CRITERIA (BEC) CLAUSE 6(iii)	iii) Total Mobilisation charge ( $T_M$ ) shall not be more than 1% of total quoted contract value (T).	1. since deployment of additional compressor package is not certain, total mobilization charge ( $T_M$ ) shall not be more than 1% of T1, instead of T. 2. Request that mobilisation limit may please allowed upto 2% as heavy expenditure is being incurred by contractor in mobilizing compressor package.	1. <b>Corrigendum</b> will be issued $T_M$ shall not be more than 1% of total quoted contract value for 1 st Unit (T1).

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6	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT clause no.2.2 PART-3 SECTION -II scope of work clause no.5.19	<b>2.2 MOBILISATION TIME:</b> The mobilization of equipment, personnel etc. should be completed by Contractor within 180 days from the effective date of the contract. Mobilization shall be deemed to be completed when Contractor's all equipment (as listed in Section-II) and manpower are placed at the nominated location in readiness to commence Work as envisaged under the Contract duly certified by the Company's authorized representative. <b>5.19 Addition or Re-location of Compressor service:</b> a. Within the contracted period there may be possibility of increase in gas availability at site which may warrant the contractor to source and install additional compressor units with prior notice from AGCL. The contractor shall mobilize the same within 180 (One Hundred eighty) days effective from issuance of LOA by AGCL. However, AGCL shall give notice for additional requirement within the first 3(Three) years of services only. The requirement of additional compressor shall be in the existing locations under this contract only.	AGCL desires that a new compressor package is to be deployed. Based on our past experience and taking in to consideration the procurement cycle time required for new compressor package and site activities etc, mobilization period of 180 days in in adequate. request to increase mobilization period to 240 days.	<b>Corrigendum</b> -Mobilisation time shall be extended from 180 days to 240 days.
7	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT Clause No. 6.0 WARRANTY AND REMEDY OF DEFECTS	6.2 Should Company discover at any time during the tenure of the Contract or till the Unit/equipment/tools are demobilised from site or base camp(if applicable) that the work does not conform to the foregoing warranty, Contractor shall after receipt of notice from Company, promptly perform any and all corrective work required to make the services conform to the Warranty. Such corrective Work shall be performed entirely at Contractor's own expenses. If such corrective Work is not performed within a reasonable time, the Company, at its option may have such remedial Work performed by others and <b>charge the cost thereof to Contractor subject to a maximum of the contract value payable for the defective work which needs corrective action which the Contractor must pay promptly.</b> In case Contractor fails to perform remedial work, or pay promptly in respect thereof, the performance security shall be forfeited.	Request to modify from contract value to Annual contract value of 1st year.	Tender condition prevails.
8	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT Clause No. 20.4	20.4 Invoices: Mobilization charges will be invoiced only upon completion of mobilization when the entire equipment, chemicals and personnel are ready at site for starting the job as certified by company representative. Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by Company and successful completion of 72 hrs test run.	May please clarify whether test run is included in mobilization time? Request payment of mobilization charges may please be made within 30 days instead of 45 days as 45 days is too long period.	Tender condition prevails. Included in mobilisation period.Successful completion of 72 hrs uninterrupted run will be considered for successful commissioning of the units /project.
9	PART-3 SECTION -II scope of work clause no.3.0 LP Gas Composition:	3.1 Typical LP gas composition is given and Gas chromatography report is annexed as Annexure -IV	Please confirm that the HC GAS is free from H2S	Gas sample reports enclosed as Annexure IV. Please check.

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10	PART-3 SECTION -II scope of work clause no.5.19	5.19 Addition or Re-location of Compressor service: a. Within the contracted period there may be possibility of increase in gas availability at site which may warrant the contractor to source and install additional compressor units with prior notice from AGCL. The contractor shall mobilize the same within 180 (One Hundred eighty) days effective from issuance of LOA by AGCL. However, AGCL shall give notice for additional requirement within the first 3(Three) years of services only. The requirement of additional compressor shall be in the existing locations under this contract only.	May please clarify AGCL requirement for relocation of compressor service? In case,compressor package is to be relocated to another location, then it should be at the additional cost as it involves huge investment again.	Corrigendum - Relocation word to be deleted.
11	PART-3 SECTION -II scope of work clause no.6.0	6.0 FACILITIES / SERVICES FROM AGCL: 6.1 AGCL will provide the following services: i) Low pressure natural gas shall be made available at one point at the existing BOO compressor plant at Uriamghat. The gas shall be available at about 1.0 to 2.0 Kg/ cm <sup>2</sup> at Uriamghat Compressor facility. ii) The contractor is laible to pay 100% of fuelgas charges at prices charged by producer after taxes and royalty and additional 15% gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified. iii) The land for compressor Unit, station piping, generator set, other utilities with boundary wall etc.	May please clarify- 1. Land for compressor unit is site graded. 2. Electricity and service water shall be provided by AGCL. 3. During construction , construction water and construction electricity shall be provided by AGCL. 4. Approximate area of land availability may please be clarified. 5. 6.(ii) request to delete additional 15% gas handling charges.	1. The units will be placed in the existing BOO setup of AGCL at Uriamghat. 2.All utilities like electricity , water etc to be borne by Bidder. 3. All Construction related work is part of mobilization. 4. Approximate Area : 155' x 267' 5. 500 scmd of fuel gas will be provided free issue every month with no carry over in the next month any additional qty will have to be paid by the contractor at prices charged by producer after taxes and royalty and additional 15% gas handling charges.
12	PART-3 SECTION -II scope of work clause no.7.3	7.3 For the Additional package (if required) as per clause 2.1.2 vintage of all major equipment like Gas Compressor Package, Prime Mover etc. shall not be more than 5 (five) years old as on the Bid Closing Date of the Tender. The contractor shall provide the detailed specification of the compressor, prime mover etc. offered not limited to the following; i. Year of Manufacture ii. Make & Model of the equipment.	Since the requirement of additional compressor package is uncertain, it is not possible to provide details at the time of bidding itself and kept the compressor package committed. It shall be appropriate that such additional compresor details should be sought by AGCL at the time of actual requirement comes up.	Since the gas availability is uncertain but future possibility of additional gas cannot be ruled out and AGCL would like to operate the uriamghat compressor station with a single party and hence provision for additional compressor is included in BOQ for bid evaluation purpose. Corrigendum - New machine for the 2nd unit (additional compressor) instead of 5 year old unit.

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13	PART-3 SECTION IV SCHEDULE OF RATES AND PAYMENT Clause No.10 & 12	<p><b>10.0 CHARGES DURING SHUTDOWN:</b></p> <p>i) The contractor shall be allowed a cumulative 20 days (480 hours) scheduled shutdown in a year effective from the date of operation of the compressor station. This shutdown period shall not be carried forward to the next year. That is, if the cumulative shutdown period is less than the allowable period of 480 hours in a year, the remaining hours shall not be accounted for in the next year.</p> <p>ii) If the cumulative shutdown period exceeds 20 days (480 hours) in a year, the fixed rental charges shall be 'zero' for the first 10 days (240 hours) exceeding 20 days and thereafter penalty shall be imposed as per clause 12.0 stated below.</p> <p><b>12.0 PENALTY:</b></p> <p>i) A penalty shall be imposed @ 2 times of fixed rental charges if the cumulative shutdown period exceeds 30 (Thirty) days in a year. The penalty shall be applicable on daily basis. Total maximum penalty shall be limited to 20% of annual contract value considering each year of operation of respective individual compressor package. The annual contract value shall be exclusive of taxes and Mobilization and demobilization charges.</p>	Penalty @ 2 times of fixed rental charge if cumulative shutdown exceeds 30 days is too high. Request reduce it to @1.2 times. Also AGCL may please clarify that in case period where the shutdown is not attributable to contractor shall not be taken in to account for this purpose.	Tender condition prevails. AGCL clarifies that if the shutdown is not attributed to contractor , penalty shall not be imposed.
14	PART-3 SECTION -II scope of work clause no.7	7.3 For the Additional package (if required) as per clause 2.1.2 vintage of all major equipment like Gas Compressor Package, Prime Mover etc. shall not be more than 5 (five) years old as on the Bid Closing Date of the Tender. The contractor shall provide the detailed specification of the compressor, prime mover etc. offered not limited to the following;	Since additional compressor is acceptable to AGCL having 5 years vintage as on date of bid closing date. 1st Unit having vintage of 5 years may also be accepted.	Not accepted.Tender condition prevails. <b>Corrigendum</b> - New machine for the 2nd unit (additional compressor) instead of 5 year old unit.
15	PART-3 SECTION -II scope of work clause no.7	7.2 All major equipments for the 1st unit like Gas Compressor Package, Prime Mover, Gas flow meters, control panel etc shall be procured new and orders must be placed to vendors after the bidder receives workorder / LOI from Assam Gas Company Ltd and shall submit detailed specification of compressor package etc tom AGCL.	Since 1st unit order is to be placed only after receipt of LOI only. Mobilisation time shall be extended from 180 days to 240 days.	<b>Corrigendum</b> -Mobilisation time shall be extended from 180 days to 240 days.
16	PART-3 SECTION IV SCHEDULE OF RATES AND PAYMENT Clause No.11	<p><b>11.0 CHARGES FOR EXCESS FUEL CONSUMPTION:</b></p> <p>The fuel gas consumption will be charged at the prevailing natural gas price fixed by Govt. of India. as specified in clause No. 6.1(ii) of Scope of Work.</p>	Please inform the prevailing natural gas price fixed by Govt. of India which will be applicable for fuel gas consumption. We suggest that fuel upto the specified quantity shall be provided by AGCL free of cost. Fuel gas price shall be fixed for entire period of contract as gas compression charges are also fixed.	<b>Corrigendum</b> -AGCL will provide fuel gas for the prime mover (Natural Gas engine only) of compressor and generating set limited to 500 SCMD. If fuel gas consumption is more than the limit, it will be charged on the basis of fuelgas charges charged by producer after taxes and royalty and additional 15% gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified.

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17	PART-3 SECTION -II scope of work clause no.2.1.2	2.1 Depending on the amount of Gas availability in the locations, there shall be one installation for gas compression service requirement as below:  2.1.1 Existing Gas allocation of around (30000 scmd) 1 (one) Installation Inlet pressure : 1.0 Kg/Cm <sup>2</sup> g (Max : 2.0 Kg/Cm <sup>2</sup> ) Outlet pressure : 16.0 Kg/Cm <sup>2</sup> g (Max : 20.0 Kg/Cm <sup>2</sup> ) Compression capacity : 40,000 SCMD (Min : 20,000 SCMD) Inlet Temperature : 20 to 45 degree C Outlet Temperature (Max) : 50 Deg C Ambient Condition : Tropical Dusty Ambient Temperature : 05 to 42 Deg C	We understand that compressor is to be designed for following capacity. Inlet Pressure : 1.0 kg/cm <sup>2</sup> g Outlet pressure : 20.0 Kg/Cm <sup>2</sup> g Compression capacity : 40,000 SCMD Please confirm that our understanding is correct.	Yes. The compressor should be designed to run at 50% load i.e 20000 SCMD.
18	PART-3 SECTION -II scope of work clause no.5.6	5.6 To obtain all permissions from statutory bodies. The station shall be built, maintained and operated as per the Factory Act, PNGRB ACT. Accordingly the successful bidder shall obtain all permissions and submit the same to AGCL before starting operations. (PCB clearance, factories license etc)	Statutory permission as per Factory Act and PNGRB Act etc are granted to Company only and not to Contractor. Contractor at best can submit application on behalf of company. Any delay in grant of statutory permissions etc shall not be on Contractor's account	Tender condition prevails.
19	PART-3 SECTION -II scope of work clause no.5.7 (wrongly specified as clause 6.0)	5.7 To supply and install all equipment, instruments, including pipe lines, skid mounted Engine driven compressor packages, auxiliary equipment / items such as filters, intercoolers, separators, scrubbers etc., piping, pressure vessels, instruments and control systems, electrical items etc.	Please confirm whether Electrical Motor operated gas compressor are acceptable to AGCL; if so whether AGCL will provide generator for electrical supply.	Not accepted.
20	PART-3 SECTION -II scope of work clause no.8.0	8.0 GAS MEASUREMENT: 8.2 As specified in Clause 5.13 the contractor shall supply, install commission and maintain total of three flow meters with flow computer/ totalizer in each compressor for measuring and recording of natural gas. The design of the flow meter shall be done as per operational data as mentioned in Para 2.1 and Gas composition in Para 3.1 Out of these three flow meters, two meters shall be installed in the compressed gas delivery line. One of them shall be termed as main meter and the other as check meter used for continuous checking of the main meter performance or vice-a-versa. The main meter measurement shall be used for invoicing purpose.	Please confirm whether additional 2 nos flow meter are to be installed by contractor for gas measurement for Additional (2nd ) compressor.	<b>Corrigendum-</b> Clause 8.1 to 8.13 of Part III section II scope of work (Gas measurement)stands deleted . Gas will be measured at ONGC khoraghat, and as per prebid a check meter will be installed at Koraghat. Invoices will be raised on the gas record from ONGC less fuel consumption. Meters will be jointly calibrated by all three parties monthly.

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21	PART-2 BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC)	<p>1.0 BIDDER'S QUALIFICATION AND EXPERIENCE:</p> <p>(A) Technical:</p> <p>1.1 The bidder must have experience of successful installation, operation and maintenance of Natural Gas Compressor Packages of aggregate capacity not less than 30,000 SCMD (Standard Cubic Meter per Day) for minimum two year during the last 5(FIVE) years reckoning from bid closing date. In support of the experience, the bidder shall submit documentary evidences as per clause 1.1.1 below.</p> <p>1.1.1 Documents establishing successful completion of jobs must be submitted along with the technical bid. These documents shall be in the form of (i) Copies of relevant pages of contract document showing Contract Number, period of contract and Scope of work and (ii) Copies of completion certificate(s) or payment certificate(s) or any other documents which substantiate completion of the jobs, issued by the client(s).</p>	<p>Consortium bids should be allowed, either of the consortium partner should himself meet the major portion of the experience criteria covering the activities of work to be performed by him in terms of bid value in comparison to other members of the consortium, on its own and not through any other arrangement through supporting company, parent/subsidiary/sister subsidiary/co subsidiary/technical collaboration/sub contracting. Necessary documentary evidence to this effect should be submitted with techno-commercial bid.</p>	<p>Corrigendum- Consortium will be accepted as per Clause 1.2 which will be added in Part II BQC.</p>
22	PART-2 BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC) clause 1.0 Bidders qualification and experience	<p>The bidder shall have an average annual financial turnover of minimum INR 6 Crores during the last 3 (three) years ending 31.03.2017 (for Accounting year April-March) /31.12.2016 (for calendar Accounting year). Documentary evidences in the form of audited Balance sheet and Profit and Loss Account for the last three(3) accounting years as applicable shall be submitted along with the Technical Bid.</p>	<p>Whether the financial criteria should be fulfilled by the leader of the consortium.</p>	<p>Yes</p>
23	PART-3 SECTION -II scope of work clause no.6.1 (ii) & PART-3 SECTION IV SCHEDULE OF RATES AND PAYMENT Clause No.11	<p>6.1 (ii) The contractor is liable to pay 100% of fuelgas charges at prices charged by producer after taxes and royalty and additional 15% gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified.</p> <p>11.0</p> <p><b>CHARGES FOR EXCESS FUEL CONSUMPTION:</b> The fuel gas consumption will be charged at the prevailing natural gas price fixed by Govt. of India. as specified in clause No. 6.1(ii) of Scope of Work.</p>	<p>Kindly confirm the fuel charges (Rate) to be paid to AGCL. Also confirm whether fuel charges will be fixed for the entire period of contract.</p>	<p>Corrigendum-AGCL will provide fuel gas for the prime mover (Natural Gas engine only) of compressor and generating set limited to 500 SCMD. If fuel gas consumption is more than the limit, it will be charged on the basis of fuelgas charges charged by producer after taxes and royalty and additional 15% gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified.</p>

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24	PART-2 BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC) clause 1.0 Bidders qualification and experience	<p>1.0 BIDDER'S QUALIFICATION AND EXPERIENCE:</p> <p>(A) Technical:</p> <p>1.1 The bidder must have experience of successful installation, operation and maintenance of Natural Gas Compressor Packages of aggregate capacity not less than 30,000 SCMD (Standard Cubic Meter per Day) for minimum two year during the last 5(FIVE) years reckoning from bid closing date. In support of the experience, the bidder shall submit documentary evidences as per clause 1.1.1 below.</p> <p>1.1.1 Documents establishing successful completion of jobs must be submitted along with the technical bid. These documents shall be in the form of (i) Copies of relevant pages of contract document showing Contract Number, period of contract and Scope of work and (ii) Copies of completion certificate(s) or payment certificate(s) or any other documents which substantiate completion of the jobs, issued by the client(s).</p>	The group is worldwide distributor of Inc. manufacturer of compressor. The group want to participate in this tender and will provide documentary evidence from other worldwide group company meeting these criteria.	Please check corrigendum
	PART-2 BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC) Clause 13.0	13.0 Bidders shall quote directly and not through their Agent/ Representative/Retainer/Associate in India. Bids submitted by Indian Agent/Representative/Retainer/Associate on behalf of their foreign principals will not be considered and will be rejected straightway.	As stated in above,the compressor packager/ manufacturer does not quote directly and always quote through the bidder being a worldwide representative. Bidder from India will participate on this tender with a letter from the compressor manufacturer Please accept this.	Please check corrigendum
25	PART-2 BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC) Clause C 1.0	<p>C. GENERAL</p> <p>1.0 In case bidder takes exception to any clause of bid document notcovered under BEC/BRC, then the Company has the discretion to loador reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by Company. The loading so done by the Company will be final and binding and the Company reserves the right to ask the bidder for clarification in respect of the bids.</p>	Please see our comments as above.	Please check corrigendum

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26	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT Clause No.10.0 FORCE MAJEURE:	In the event of either party being rendered unable by 'Force Majeure' to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such 'Force Majeure' will stand suspended for the period during which such cause lasts. The word 'Force Majeure' as employed herein shall mean Acts of God, flood, earthquake, lightening, <b>unexpected reservoir behavior</b> , war, fire, revolt, agitation, riot, blockade, Act of terrorism, embargo of goods/ or embargo on people, sabotage, civil commotion, road barricade (but not due to interference of employment problem of the Contractor), acts of government of the two parties, which makes performance impossible or impracticable and any other cause, strike or lockout either parties operation in that region. Direct or indirect consequences of war (declared/undeclared), sabotage, National Emergency or any Law or Promulgation, Regulation or Ordinance whether Central or State or Municipal, Breakage, Bursting or Freezing of Pipeline, whether of kind herein enumerated or otherwise which are not within the control of the party to the contract and which renders performance of the contract by the said party impossible.	Unexpected reservoir behavior should be removed from the force majeure.	Tender condition prevails.
27	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT Clause No.11.4	11.4 TERMINATION FOR UNSATISFACTORY PERFORMANCE: If the Company considers that, the performance of the Contractor is unsatisfactory, or not upto the expected standard, the Company shall notify the Contractor in writing and specify in details the cause of the dissatisfaction. The Company shall have the option to terminate the Contract by giving 15 days notice in writing to the Contractor, if Contractor fails to comply with the requisitions contained in the said written notice issued by the Company.	15 days notice Please amend this notice period to 45 days to respond on action plan and time duration to bring back satisfactory performance.	Company will provide <b>sufficient time</b> to rectify any unsatisfactory performance. In case after repeated failure from bidder/contractor to correct the dissatisfaction the contract may be terminated by giving 15 days notice.
28	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT Clause No.14.1	14.0 SUBCONTRACTING/ASSIGNMENT: 14.1 Contractor shall not subcontract, transfer or assign the contract, in full or any part under this contract, to any third party (ies). Except for the main services under this contract, Contractor may sub-contract the petty support services subject to Company's prior approval. However, Contractor shall be fully responsible for complete execution and performance of the services under the Contract.	Part of the job will be subcontracted under supervision with full responsibility of executing contract.	Main work will be performed by bidder /contractor and cannot be subcontracted. Small works like security , unskilled manpower, premises cleaning etc can be subcontracted.



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29	PART-3 SECTION-I GENERAL CONDITIONS OF CONTRACT Clause No.16.1	16.0 LIQUIDATED DAMAGES 16.1 LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION INCLUDING COMMISSIONING OF COMPRESSOR STATION: In the event of the Contractor's default in timely mobilization including commissioning of compressor station, for commencement of operations within the stipulated period, the Contractor shall be liable to pay liquidated damages @ 0.5% of 1st year contract value (including mobilization cost), per week or part thereof of delay subject to maximum of 7.5%. Liquidated damages will be reckoned from the date after expiry of the scheduled mobilization including commissioning period till the date of commencement of Contract as defined in Clause No. 2.0 of Section- I.	Please make LD charges maximum 5 %	Tender condition prevails.
30	PART-3 SECTION -II SCOPE OF WORK/ TERMS OF REFERENCE/ TECHNICAL SPECIFICATION 2.0 COMPRESSION CAPACITY:	2.1 Depending on the amount of Gas availability in the locations, there shall be one installation for gas compression service requirement as below: 2.1.1 Existing Gas allocation of around (30000 scmd) 1 (one) Installation Inlet pressure : 1.0 Kg/Cm <sup>2</sup> g (Max : 2.0 Kg/Cm <sup>2</sup> ) Outlet pressure : 16.0 Kg/Cm <sup>2</sup> g (Max : 20.0 Kg/Cm <sup>2</sup> ) Compression capacity : 40,000 SCMD (Min : 20,000 SCMD) Inlet Temperature : 20 to 45 degree C Outlet Temperature (Max) : 50 Deg C Ambient Condition : Tropical Dusty Ambient Temperature : 05 to 42 Deg C	The selection criteria given for compressor selection are wide and may not be cover with single compressor. Please allow us to quote for 2 compressors to meet maximum compressor capacity of 40,000SCMD. This will also give Assam Petro flexibility to desired gas transfer in case of compressor under schedule maintenance or break down.	Bidders may keep a standby package to reduce downtime and avoid penalty. However no standby charges will be paid. Fixed charges as per quote will only be considered. Variable charge will be on actual gas compressed.
31	PART-3 SECTION -II SCOPE OF WORK/ TERMS OF REFERENCE/ TECHNICAL SPECIFICATION 5.0 SCOPE OF WORKS	5.0 SCOPE OF WORKS 5.1 The available low pressure natural gas received from Koraghat locations is required to be processed as under: (i) To provide gas liquid separator and install liquid collection vessel and arrangement for liquid transfer into tanker/ drums etc for disposal.	Please elaborate on liquid transfer facility.	Liquids must be collected in a standard manner may be in a underground drain pit with proper lining etc so as not to pollute the environment and should be disposed off in lubeoil drums/barrels to ONGC and record of such transactions to be maintained.
32	PART-3 SECTION -II SCOPE OF WORK/ TERMS OF REFERENCE/ TECHNICAL SPECIFICATION clause No.5.10	5.10 The piping for compressor pipeyard or station piping shall be manufactured as per API Spec 5L Grade B, or ANSI 106 GR B bevel end. Pipe lines shall be constructed as per API 31.8 and welding as per API Spec.1104, ASME SEC IX	The piping for the pipe yard or station piping shall be as per manufacturer's standard because the piping construction materials are threaded nipples and valves for the biggest piping diameters (2 in). Many units are working with configuration and will offer the same.	Package piping shall be according to the manufacturers standard and any process piping shall be as per tender clause 5.10.

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33	PART-3 SECTION -II SCOPE OF WORK/ TERMS OF REFERENCE/ TECHNICAL SPECIFICATION clause No.5.13	5.13 To supply and install metering facilities for measuring the compressed quantity of gas on dispatch line after compression and fuel gas consumption from LP suction line. The metering facilities shall be as per standard international practices. One each of main meter and check meter shall be provided for measuring compressed gas. A separate meter shall be provided for measuring fuel gas. (Note: For each compressor there shall be one main meter, one check meter and one fuel measurement meter.) To install a meter if a gas genset is installed for power generation.	Fuel gas line connection is internal and taken after the suction flow meter. We cannot measure fuel line consumption. This can be derived at by checking difference between suction and discharge mass flow meter.	Not agreed. A separate fuel meter must be installed to measure fuel gas for Gas engine of compressor and generating set. The volume must be measured in SCM.
34	PART-3 SECTION -II SCOPE OF WORK clause No.5.14	5.14 To install and provide adequate noise abatement equipment or facilities so that the noise level is within the limits of statutory rules and regulation. Sorting out of any problem arising out of this issue shall be sole responsibility of the contractor.	Please specify noise level accepted and at how many meters from compressor. Compressor will be skid mounted without any noise canopy.	As per regulations.
35	PART-3 SECTION -II SCOPE OF WORK clause No.5.14	5.17 To dismantle and demobilize the compressor plant after completion of the Contract. The plant site shall be reclaimed to its original state if the requirement exists.	Please give details of reclaim expected.	As per tender clause. In original state as provided to the party at the start of the contract.
36	PART-3 SECTION -II SCOPE OF WORK clause 6.0 FACILITIES / SERVICES FROM AGCL:	6.1 (ii) The contractor is liable to pay 100% of fuelgas charges at pricescharged by producer after taxes and royalty and additional 15%gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified.	Fuel gas line connection is internal and taken after the suction flow meter. We cannot measure fuel line consumption. This can be derived at by checking difference between suction and discharge mass flow meter. The payment shall be made on this basis.	<b>Corrigendum</b> -AGCL will provide fuel gas for the prime mover (Natural Gas engine only) of compressor and generating set limited to 500 SCMD. If fuel gas consumption is more than the limit, it will be charged on the basis of fuelgas charges charged by producer after taxes and royalty and additional 15% gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified.
37	PART-3 SECTION -II SCOPE OF WORK clause 7 .0 SPECIAL NOTES:	7.4 All equipments shall be in the best operating condition and shall meet all design and manufacturing criteria established in industry and certified as per relevant industry standards. Compressor packages shall be designed and manufactured as per specification API 11P / ISO 13631.	Compressor shall be manufacturer standard	Standard for Compressor and Engine should be applicable for Natural Gas handling.
38	PART-3 SECTION -II SCOPE OF WORK clause 7 .0 SPECIAL NOTES:	7.8 All electrical apparatus, instrumentation items / system shall be suitable for the hazardous area classification as per applicable National / International standards and statutory regulations	All electrical apparatus shall be as per international standard grade IIA/IIB suitable for natural gas application.	Agreed. as per tender clause 8.12 (v)scope of work

Sl.No	Tender Clause No.	Description of Tender clause	Pre Bid Query	AGCL Remarks/Reply/clarification
39	PART-3 SECTION -II SCOPE OF WORK clause 5.2	The scope of Work encompasses engineering, supply, transportation, installation, construction, commissioning, operation and maintenance of suitable Gas compressor plant having Gas Compressor capacity as per clause 2.0 above complete in all aspects on charter hire basis. It also shall include all civil / structural / mechanical / piping / instrumentation / electrical works required for the compressor station. Some of the works, but not exhaustive are specified in the following clauses; The contractor is to make arrangement for hooking up of pipelines at both ends i.e inlet to compressor station and outlet to compressor station. AGCL will provide the nozzles for hooking up the lines.	The pipeline size at inlet and outlet of compressor station may kindly be specified. Please also provide an estimate of length of pipes lines to be laid for suction and discharge from compressor.	This has been verified by the parties during site visit on 30.11.2017.
40	PART-3 SECTION -II SCOPE OF WORK clause 5.13	To supply and install metering facilities for measuring the compressed quantity of gas on dispatch line after compression and fuel gas consumption from LP suction line. The metering facilities shall be as per standard international practices. One each of main meter and check meter shall be provided for measuring compressed gas. A separate meter shall be provided for measuring fuel gas. (Note: For each compressor there shall be one main meter, one check meter and one fuel measurement meter.) To install a meter if a gas genset is installed for power generation.	Please remove additional meter to be installed for Gas genset. One fuel meter can measure the total fuel consumption of both the compressor engine and gas genset. From our experience one cone meter is sufficient to measure the fuel consumption of both. Therefore request AGCL to remove the last line - " To install a meter if a gas genset is installed for power generation".	<b>Corrigendum-</b> one single fuel gas meter for measuring fuel gas for both compressor and genset gas engines subjected tapplings for both fuels lines must be in the downstream of the said meter.
41	FORWARDING LETTER Point no 18 (salient points of the Tender )Amount of Performance Guarantee	validity of performance Guarantee -Up to 3(three) months from date of completion of contract.	Bank will not give Performance Security for such a long period. We request AGCL to consider bank Fixed Deposit in the name of AGCL, A/c Bidder name as Performance Security.	<b>Corrigendum-</b> PBG should be Valid for 3 years and renewal thereafter at the end 3rd and 6th year for corresponding annual contract based on fixed and variable charge quoted for respective periods.
42	PART-3 SECTION -II scope of work clause no.6.1 (ii)	ii) The contractor is laible to pay 100% of fuelgas charges at prices charged by producer after taxes and royalty and additional 15% gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified.	It is impossible to know /predict the gas price for next 10 years. We cannot quote our rate when fuel gas cost is uncertain. Request AGCL to amend that fuel gas charge may be recovered at current prevailing rate and any increase /decrease may be to the account of AGCL.	<b>Corrigendum-</b> AGCL will provide fuel gas for the prime mover (Natural Gas engine only) of compressor and generating set limited to 500 SCMD. If fuel gas consumption is more than the limit, it will be charged on the basis of fuelgas charges charged by producer after taxes and royalty and additional 15% gas handling charges. Fuel gas will be tapped from LP inlet gas and metered as specified.
43	FORWARDING LETTER Point no 3	Tender Fee: Non Refundable Rs.2000 (Rs. Two Thousand only)	Please confirm the date by which the tender fee will have to be paid.	Must reach within 7 days after bid closing date. Please check clause No.5.0 of forwarding letter

Sl.No	Tender Clause No.	Description of Tender clause	Pre Bid Query	AGCL Remarks/Reply/clarification
44	PART-2 BID REJECTION CRITERIA (BRC)/BID EVALUATION CRITERIA (BEC) clause 6.0	Assumption Within the contracted period there may be possibility of increase in gas availability at site (Additional 70000 SMCD) which may warrant the contractor to source and install additional compressor units with prior notice from AGCL.	While additional gas quantity is not confirmed, the same has been included in the Price Bid evaluation. We request AGCL to modify the price evaluation to include only confirmed gas quantity. <b>Provision may be kept for additional gas compressor package on same price</b>	Tender condition prevails.
45	PART-2 BID EVALUATION CRITERIA (BEC) CLAUSE 6(iii)	iii) Total Mobilisation charge ( $T_M$ ) shall not be more than 1% of total quoted contract value (T).	We request amend this clause to 10% of total quoted contract value as the contractor will incur high cost in compressor package ,pipeline, civil works etc initially.	<b>Corrigendum</b> will be issued $T_M$ shall not be more than 1% of total quoted contract value for 1 st Unit ( $T_1$ ).
46	PART-3 SECTION -II SCOPE OF WORK clause 7 .0 SPECIAL NOTES:	7.3 For the Additional package (if required) as per clause 2.1.2 vintage of all major equipment like Gas Compressor Package, Prime Mover etc. shall not be more than 5 (five) years old as on the Bid Closing Date of the Tender. The contractor shall provide the detailed specification of the compressor, prime mover etc. offered not limited to the following.	The contract period is 9 years with extention provision for 1 year. So we request AGCL to change this clause to brand new for all major equipments like Gas Compressor Package, Prime Mover etc. similar to the case of 1st unit.	<b>Corrigendum</b> - New machine for the 2nd unit (additional compressor) instead of 5 year old unit.
47	NIL	Standby Package	We would like to keep an emergency standby package to ensure uninterrupted service, which we may put at the beginning or any time during contract period. Please confirm that we may do that. For standby package vintage may not be specified.	Standby package is entirely on the Bidder's own plan. AGCL doesnot have any issues with it, subjected to running of the main unit (new unit) for more than 75% per annum if the vintage of the standby unit is not brand New.
48	NIL	Minimum Guranteed Gas quantity	We request AGCL to provide minimum guranteed gas quantitiy for compression to ensure that minimum payment is received by contractor.	AGCL cannot Gurantee Gas quantity as the same is not guranteed by the producer. The contract will be operational till ONGC provides gas to AGCL.
49	NIL	Land	At the time of site visit we noticed that there are 2 foundations and consequently not enough space for new foundation. We request AGCL to remove the foundations and provide plain ground for new construction.	Plain ground available in front of existing foundations whicg can be used for new foundation .
50	NIL	Security	We request AGC to provide security.	Tender condition prevails Clause 17.6 PART-3 SECTION III SPECIAL TERMS & CONDITIONS OF CONTRACT
51	PROFORMA-A PRICE BID FORMAT	Variable compression charge	The Unit in BOQ 'SCUM' and in Proforma A " Day Rate". Kindly confirm Unit	"SCUM " is correct.