

**F3X10 MW GAS ENGINE GENERATOR POWER PLANT
OF
OIL INDIA LIMITED
AT
DULIAJAN, ASSAM**

TENDER NO: CDG 3096P20

PRE-BID CLARIFICATION

Annexure 2

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
1	II.J.Part - 3 - Section-II 18210_EP C Spec_Mech Specs 18210_M1_ GEG_R3	2.08.00	The GEG Unit shall be designed for continuous operation (8760 hrs. per annum) at all loads under worst ambient conditions	GEG is designed for overall 8100 hrs average per annum on an average over its life cycle considering Scheduled Maintenance. Please delete "Continuous Operation"	<i>Standard maintenance schedule of OEM shall be allowed.</i>
2	II.J.Part - 3 - Section-II 18210_EP C Spec_Mech Specs 18210_M1_ GEG_R3	5.01.03	All filters / strainers shall have on line cleaning / self-cleaning facilities without shut down of the any equipment	Only Lube Oil filters will be Online Self-cleaning.	<i>As per NIT.</i> <i>Clarification: However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
3	II.J.Part - 3 - Section-II 18210_EP C Spec_Mech Specs	5.05.04	Two (2) nos. oil coolers (one operating, one standby) shall be provided to cool the lubricating oil.	Shall be as per OEM standard single PHE is provided instead of Coolers.	<i>As per NIT.</i> <i>Clarification: However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>

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	18210_M1_GEG_R3				
4	II.J.Part - 3 - Section-II 18210_EP C Spec_Mech Specs 18210_M1_GEG_R3	5.05.07	Vapour Extraction System (in the engine oil sump) comprising 2x100% fans	Bidder shall provide 1 x 100% Vapour Extraction system.	As per NIT. Clarification: However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
5	III. Part - 3 - Section-III - SCC & G0_Lead_R6	6.03.01	B) V) One (1) set of equipment required for generator drying out operation during commissioning.	OIL to clarify the requirement.	As per NIT. Clarification: Suitable equipment/system shall be provided to ensure that no moisture develops in the generator winding.
6	II.L.Part - 3 - Section-II 18210_EP C Spec_I&C Spec-Dwg 18210_I-1_R1	3.01.00/ Scope of Supply	i) ONE no of laptop loaded with all necessary calibration cum configuration software for field instruments like PT, DPT, FT, TT, MFM etc.	Is this HART Management System with software? Please clarify?	As per NIT. Clarification: Respective Calibration/ Configuration software of Field Instruments to be provided
7	II.L.Part - 3 - Section-II 18210_EP C Spec_I&C Spec-Dwg 18210_I-1_R1	8.03.07/ Operator & Engineering Station	5. LED based 24" sized monitors with non-interfaced refresh rate min. 75 Hz. Full HD resolution 1920 x 1080, 256 colours with MRPII compliant, viewing angle 178 ° vertical & horizontal and fastest response time	The size and type of Monitors indicated in clause 8.03.07 (24" LED) and clause 3.01.00 (22" LCD) are different. Kindly indicate the exact requirement.	22" LCD shall be read as 24" LED
8	II.L.Part - 3 - Section-II 18210_EP C Spec_I&C Spec-Dwg	8.05.00/Cabinets / Enclosure / Panels	Gland plates : Removable 4 mm thick (bottom)	3mm of Removable type shall be provided as per standard practise.	4 mm shall be read as 3 mm

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	18210_I-1_R1				
9	Doc. No. 18210-FND-SPC-G-0001.	SPECIFICATION NO. E-5, H.T. BUS DUCT.	2.01.00 The H.T. phase non segregated bus duct will serve for interconnecting the two sections of the new 11kV GEG Switchgear, as required.	Can we use 11 kV Cables instead of 11 kvBusduct. Please confirm. Route map of interconnection between GEG 11 kV switchgear (LOC: 20.28 MW switchgear building) to GEG 11 kV switchgear (LOC: 20.28 MW switchgear building Extension) is required for estimation of Length.	As per NIT. Clarification: HT bus duct is to be used for connection between two or more sections of the new 11kV GEG Switchgear, if any. Connections between 11kV GEG Switchgear in 20.28 MW switchgear building Extension, GT3 11kV Switchgear in 20.28 MW switchgear building and GT1-GT2 Switchgear in Old Power House Switch Room shall be by cables. Refer plot plan
10	Doc. No. 18210-FND-SPC-G-0001	SPECIFICATION NO.E0, GENERAL – ELECTRIC AL.	3.01.01 Power to the various loads at OIL Duliajan plant is supplied primarily through an 11kV network. At present, two nos. 14.45MW gas turbine generators, GTG-1 & GTG-2 are connected to an 11kV Switchgear and one no. 20.28MW gas turbine unit, GTG-3 is connected to another 11kV Switchgear. Two nos. tie feeders connect the two 11kV Switchgear.	Existing 11 kV switchgear Drawing required.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
11	18210-DWG-M-0110_Scheme Utility Tie-in_RevB	Drawing	-	Can the tie-in points be physically marked in the plot layout?	Shall be finalized during detailed engineering.
12	II.R Part - 3 - Section-II 18210_EP C Spec_Civil Specs	3.00.00 Point-2	Dismantling of Existing Structure, Foundation, Roads, Drains and Compound Wall.	Bidder Requires As Built drawings of all existing structures, foundations and Overground & Underground facility along with Survey Reports.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.

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	Spec. No. C0-General-Civil & Structural				
13	II.R Part - 3 - Section-II 18210_EP C Spec_Civil Specs Spec. No. C0-General-Civil & Structural	3.00.00 Point -24, 25	Non-destructive life assessment study	Information of piles i.e. Location, numbers, type and details of piles required for estimation.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
14	II.R Part - 3 - Section-II 18210_EP C Spec_Civil Specs Spec. No. C0-General-Civil & Structural	3.04	Insulated sandwiched metal cladding	Sound acoustic panel are required or not? If required, then sandwich cladding is required in addition to sound acoustic panels? Kindly Clarify	Clarification: Insulated sandwiched metal cladding shall be provided for the building for heat and sound insulation. Additional features, to meet the specified noise limits may be provided, if required.
15	II.R Part - 3 - Section-II 18210_EP C Spec_Civil Specs Spec. No. C0-General-Civil & Structural	3.05	Access to the extension building will be through the existing switchgear Building.	RCC / Structural drawings of existing switchgear cum control building are required.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.

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16	Part 3 section III price schedule/ SOR-4	Price schedule / SOR-4 note 8	The rates quoted towards the mandatory spares will be valid for next 25 years from the date of award of contract.	Rate quoted shall be for current year rates and yearly escalation as per OEM / Sub-Supplier escalation index shall be applicable.	<i>On this please be guided by the Corrigendum to SOR-4</i>
17	II.H. Part - 3 - Section-II 18210_EP C Spec_Mech Specs/18210_M12_Erection_R1	2.01.02 (C)	In plant transportation/ shifting of unloaded materials to storage area.	OIL to provide suitable storage area near site for unloading and storage of project materials.	<i>As per NIT</i> <i>Clarification: Open area near project site shall be made available.</i>
18	Part 2) BEC	Bidder's Experience "4.0"	C) COMMERCIAL – BID SUBMISSION SOR – 3 SOR – 4	Bidder requests Duty & Forex Exchange to be considered on date of actual ordering. Bidder requests to SOR 4 to be kept out of evaluation as different OEM's will have different Spares recommendation	<i>Exchange rate will be taken as per the clause No. 8 , under Section D. EVALUATED BID PRICE under BEC.</i> <i>Spares Cost will be evaluated as part of Total Life cycle Cost.</i>
19	Part 3 Section 1 GCC	19	PERFORMANCE SECURITY: The Contractor has furnished to Company a Bank Guarantee _____ No. _____ dated _____ issued by _____ for _____ (being 10% of 1 year estimated Contract Price) with validity of 3 (three) months beyond the contract period and a warranty period of 12 (Twelve) months towards performance security. The performance security shall be payable to Company as compensation for any loss resulting from Contractor's failure to fulfil their obligations under the Contract.	Request change in the clause to "The Performance security shall be valid for 3 months post the completion of the Main LSTK - EPC contract along with 12 months of warranty towards." The performance security shall be available to Company as recourse only in the event of failure of the Contractor to respond to notices relating to the failure of fulfilment of obligations or pay any undisputed	<i>PBG for the EPC contract should be Valid till expiry of the Contract post Warranty, O&M and to cover defect liability period.</i> <i>Towards O&M separate PBG based on annualised value to be submitted.</i>

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20	Part 3 Section 1 GCC	6 : Warranty and Remedy of Defects	6.2 Should Company discover at any time during the tenure of the Contract or within 12 (Months) from the date of Completion of the contract that the Work does not conform to the foregoing warranty, Contractor shall after receipt of notice from Company, promptly perform any and	Please change “ Completion of the contract” to “ Completion of Main LSTK- EPC Work”.	<i>Completion of contract is already defined.</i>
21	Part 3 Section 1 GC	8 : Taxes	8.7 All local taxes, levies and duties, sales tax, octroi, etc. on purchases and sales made by Contractor (except customs duty) shall be borne by the Contractor.	Please confirm whether the Employer shall be “ Importer on Record” for the clearance of the imports and directly pay the duty. If not, then the Custom duty should be reimbursed at actuals on proof of payment of duties. Goods and Service Tax as applicable on the contract value shall be borne by the Employer.	<i>All responsibility of Import, Clearance and onward despatch to the site will be responsibility of the Contractor.</i>
22	Part 3 Section 1 GCC	9: Goods and Service Tax	9.6 Where the OIL is entitled to avail the input tax credit of GST:	Please confirm whether OIL is entitled to avail the input tax credit.	<i>No.</i>
23	Part 3 Section 1 GCC	9: Goods and Service Tax	9.7.1 OIL will reimburse GST to the Supplier of Goods/Services (Service Provider) at actual against submission of Invoices as per format specified in rules/regulation of GST subject to the ceiling amount of GST as quoted by the bidder.	This ceiling amount shall be subject to change in Law.	<i>Any statutory changes on account of GST and CD after the closing date of Tender will be to OIL's Account.</i>
24	Part 3 Section 1 GCC	9: Goods and Service Tax	9.25 Procurement of Specific Goods: Earlier, there is no tax incidence in case of import of specified goods (i.e. the goods covered under List-34 of Customs Notification no.12/2012-Cus dated.17.03.2012 as amended). Customs duty is not payable as per the policy. However, under GST regime, IGST Plus GST compensation cess (if applicable) would be leviable on such imports. Bidders should quote GST	Please confirm whether the project equipment gets classified under Goods specified in List 34 required in connection with: <i>“(a) petroleum operations undertaken under petroleum exploration licenses or mining leases, granted by the Government of India or any State Government to the Oil and</i>	<i>Since items for the project may not be subjected to concession, list 34 would not be applicable and CD and IGST will be applicable on merit.</i>

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			<p>as inclusive considering IGST component for the imported Materials portion while quoting their prices on destination basis. However, GST rate to be specified in the price bid format.</p>	<p><i>Natural Gas Corporation or Oil India Limited on nomination basis,</i> <i>(b) petroleum operations undertaken under specified contracts</i> <i>(c) petroleum operations undertaken under specified contracts under the New Exploration Licensing Policy</i> <i>(d) petroleum operations undertaken under specified contracts under the Marginal Field Policy (MFP)</i> <i>(e) coal bed methane operations undertaken under specified contracts under the Coal Bed Methane Policy”</i></p> <p>All please confirm if the conditions under 40A of the notification , - “(a) the goods are imported by, - (i) the Oil and Natural Gas Corporation or Oil India Limited (hereinafter referred to as the —licensee) or a sub-contractor of the licensee and in each case in connection with petroleum operations to be undertaken under petroleum exploration licenses or mining leases, as the case may be, granted by the Government of India or any State Government on nomination basis; “ is satisfied . Further please confirm whether the conditions under 40A as applicable to the project with respect to OIL and Contractor as importer</p>	

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				/subcontractor can be complied with respect to the documentation required from OIL for certificate required from DGH, undertaking required from OIL and certificate required that no Foreign exchange shall be remitted for the import of such items.	
25	Part 3- Section IV – Payment Terms	<u>ISSUE OF TAKING OVER CERTIFICATE BY COMPANY (OIL) 10.00</u>	On successful Plant Commissioning and completion of all other balance works as per scope of work covered under these specifications, including fulfillment of requirements of Documentations, Drawings and Data, the Plant shall be ready for Handover to OIL. PMC/Company (OIL) shall issue to the Contractor a Taking Over Certificate, as stipulated in the General Conditions of Contract. The takeover by PMC/OIL as aforesaid shall be for the Plant complete in all respects. <u>The date of Taking over shall be the date of Contract Completion</u>	“ Completion of all other balance works” shall mean works related to the LSTK works.	<i>To read “balance works” as “balance works related to LSTK part”</i>
26	Part-3 SECTION-I GENERAL CONDITIO NS OF CONTRAC T	10.0 Insurance	the third party items/consumables	Kindly clarify what is meant by third party items/consumables so that the coverage can be accordingly taken.	<i>This is a GCC clause applicable in case of any third party Items used during the execution of the Contract</i>
27	Part 2 Bid evaluation criteria (A)	4.4	Time is the essence of this project. Completion period for the Main LSTK-EPC work is 19(Nineteen) Months from the issue of Mobilization Notice after Issuance of LOA (including 30 days mobilization period). Offers without confirmation of project completion time	Bidder request deletion of "Time is essence of this contract"	<i>No. change. Only completion period of EPC portion will be amended.</i>

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			of 19(Nineteen) Months or with project completion time more than 19(Nineteen) Months will be summarily rejected		
28	Part 2 Bid evaluation criteria Form C	4	We confirm to hold the quoted price of the mandatory spares for a period of 25 years from the award of contract for the quoted engines	Bidder request for deletion of the clause.	<i>Evaluation will be with cost of spares for 25 years only. On holding the prices, certain amendment clause will be issued.</i>
29	Part 3 Section I GCC	12.2	Upon occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing within Seventy Two (72) hours of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim	Bidder suggest that intimation of beginning and ending of any Force Majeure event can be performed in 72 hours, however, minimum period of 10 days shall be required for submitting full particulars and satisfactory evidence in support of its claim.	<i>As per NIT</i> <i>Clarification : Invocation of FM should be within 72 hours only.</i>
30	Part 3 Section I GCC	12.3	Should 'force majeure' condition as stated above occurs and should the same be notified within seventy two (72) hours after its occurrence the 'force majeure rate' shall apply for the first ten days.	Bidder requests to please specify Force majeure rate.	<i>FM rate is normally applicable in case of regular contracts where day rate, rental etc. are involved.</i>
31	Part 3 Section I GCC	12.3	Either party will have the right to terminate the contract if such 'force majeure' condition continues beyond fifteen (15) days with prior written notice.	Bidder request that right of termination by either party shall be applicable after Force Majeure continues for at least 30 days.	<i>Agreed. Suitable amendment will be issued.</i>
32	Part 3 Section I GCC	12	Force majeure	Bidder understand that neither Party shall be relieved of its obligations to make any payments due and payable in accordance with the terms of this contract for any reasons attributable to Force Majeure. Please confirm	<i>Agreed. FM rate is normally applicable in case of regular contracts where day rate, rental etc. are involved.</i>
33	Part 3 Section I GCC	13.1	TERMINATION ON EXPIRY OF THE TERMS (DURATION	Bidder request deletion of clause 13.1.	<i>As per NIT</i>

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					Clarification: Any requirement for extension of the contract will be done through a formal Contract amendment.
34	Part 3 Section I GCC	13.7	Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the company on giving 15 (fifteen) days written notice to the Contractor due to any other reason not covered under the above clause from 13.1 to 13.6 and in the event of such termination the Company shall not be liable to pay any cost or damage to the Contractor except for payment of services as per the Contract upto the date of termination	Bidder request that for termination by Company due to reason stated in clause 13.7, a notice of at least 30 days shall be provided and Company shall be liable for: (i) all the cost for completed Works; and (ii) costs incurred by contractor as a result of such termination, including costs of de-mobilization and any cancellation charges that Contractor must pay subcontractors and/or vendors as a result of such termination; and (iii) reasonable termination fees.	Standard clause of GCC. No change.
35	Part 3 Section I GCC	16.1	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.	Bidder shall have the right to sub contract any part of contract and hence request deletion of the clause.	As per NIT Clarification: Permitted scope under Sub-contract already mentioned in the document.
36	Part-3 - SECTION-I	6.0 WARRANTY AND REMEDY OF DEFECTS - 6.1	Contractor warrants that they shall perform the work in a first class, workmanlike, and professional manner and in accordance with the highest degree of quality, efficiency and current state of the art technology/oil field practices and in conformity with all specifications, standards and drawings set forth or referred to in the Terms of Reference and with instructions and guidance which Company may, from time to time, furnish to the Contractor	Terms of Reference?	Terms of Reference refers to NIT requirements
37	PART-1 INSTRUCT	30.0 SIGNING	The successful Bidder shall sign and date the contract and return it to the Company after	Please clarify the binding period	As per NIT Clarification:

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	IONS TO BIDDERS (ITB)	OF CONTRAC T: 30.1	receipt of LOA. Till the contract is signed, the LOA issued to the successful bidder shall remain binding amongst the two parties		<i>OIL shall endeavour to sign the contract during kick-off meeting upon completion of mobilisation.</i>
38	PART-1 INSTRUCT IONS TO BIDDERS (ITB)	33.0 MOBILISA TION ADVANCE PAYMENT: 33.1	Advance payment agreed to by the Company shall be paid only against submission of an acceptable bank guarantee whose value should be equivalent to the amount of advance plus the amount of interest covering the period of advance. Bank guarantee shall be valid for 2 months beyond completion of mobilisation and the same may be invoked in the event of Contractor's failure to mobilise as per agreement.	Format of ABG?	<i>Format for advance payment will be Provided.</i>
39	Part-3 SECTION-I GENERAL CONDITIO NS OF CONTRAC T	2.0 EFFECTIV E DATE, MOBILISA TION TIME, DATE OF COMMENC EMENT OF THE CONTRAC T AND DURATION OF CONTRAC T:	1 EFFECTIVE DATE: The contract shall become effective as of the date Company notifies Contractor in writing (through Letter of Award) that it has been awarded the contract	Please specify time gap between Letter of award to signed contract	<i>As per NIT Clarification: OIL shall endeavour to sign the contract during kick-off meeting upon completion of mobilisation.</i>
40	SPECIFICA TION NO. M4 AIR CONDITIO NING SYSTEM	2.00.00 SCOPE	In addition adequacy of existing AC system in the control room of 20 MW GTG plant to be checked and established by calculation, considering accommodation of GEG DCS panel and other control in the vacant space	Bidder requests OIL to share existing electrical room layout along with heat load and AC details.	<i>As per NIT. Clarification: Available data/documents/drawings may be collected from site post award.</i>

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			available in the room. If required additional AC units/s shall be provided		
41	SPECIFICATION NO. M11 PAINTING	8.00.00 SCHEDULE OF FINISHES	8.00.00 SCHEDULE OF FINISHES	Bidder will furnish the painting specification	As per NIT. Clarification: The Contractor shall submit his detail painting specification meeting NIT specification requirements, which shall be subject to review and approval of the Owner/PMC.
42	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	3.00.00 SCOPE OF SUPPLY 3.01.01	Gas Engine Generator unit complete with on base and off base auxiliaries including intake air filter, engine acoustic enclosure / engine hall acoustic insulation, Control System, Electrical System, Fuel Gas system, Starting air System, Lube oil System, CW system including Radiator, NOx reduction system if any, Exhaust System including Stacks.	No Acoustic enclosure seperetly for the engine, where as engine hall will be provided with sandwich panels	Words “engine acoustic enclosure” stand deleted
43	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.04.00 Air Intake and Exhaust Gas System 5.05.03	The lube oil loading to the oil sump of the engine will be through gravity from engine mounted tank . The engine mounted tank shall be complete with fill connection, strainers, vents, level indicators, level switches, man-holes, as necessary.	Lube Oil system will consist of Lube oil Tanks (storage , used) and Lube oil pumps (loading,unloading and transfer).LO will be filled in the sump from the storage tank by using pumps.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
44	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.04.00 Air Intake and Exhaust Gas System 5.05.04	Two (2) nos. oil coolers (one operating, one standby) shall be provided to cool the lubricating oil. The coolers shall be designed in accordance with TEMA Class-C or approved equivalent. The material of tubes shall be stainless steel TP-304. Material of tube sheets, water boxes, etc. shall be compatible with the fluid being handled. Each cooler shall have sufficient heat transfer surfaces for catering to the maximum heat load with 10% tubes plugged and 85% cleanliness factor.	As per OEM design 1 Lube Oil Cooler is supplied per engine which is mounted on the engine. Manufacturer casting design doesn't permit any modification on this aspect.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.

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45	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.04.00 Air Intake and Exhaust Gas System 5.05.05	Duplex type filters with on line manual change over arrangement shall be provided. Filter material shall be corrosion resistant with water in the oil. The mesh size of the filter shall suit OEM requirement.	As per OEM design centrifugal filter is provided in addition to this Candle type filter is provided which has an automatic arrangement.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
46	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.04.00 Air Intake and Exhaust Gas System 5.05.07	Vapour Extraction System (in the engine oil sump) comprising 2x100% fans complete with piping leading to a safe height and with flame arresters shall be provided.	As per OEM design we have the crank case breather mounted on the engine. This is spring loaded and whenever there is a increase in crank case pressure these breather valves will open and release the pressure. In addition to this we have the crank case vent pipe	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
47	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.04.00 Air Intake and Exhaust Gas System 5.05.08	All integral lube oil piping downstream of filter shall be of stainless steel.	It is part of OEM design and hence cannot be modified.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
48	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.04.00 Air Intake and Exhaust Gas System 5.05.09	The oil tank shall be designed as per the requirement of IS-803/ API-650	Engine sump is engine mounted and other external tanks are as per IS803	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
49	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.06.00 Pre-lubrication	The engine is equipped with an electrically driven pre-lube pump mounted parallel to the main pump for lubricating bearing of the engine and turbo charger. The pump will be arranged for automatic operation, ensuring standstill of the pre-lube pump when the engine is running, and running when the engine is standstill in stand-by condition. Provision for manual pre	Pre-lube pump is electrically driven engine mounted pump as per OEM design. Manufacturer casting design doesn't permit any modification on this aspect.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.

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			lubrication facility shall be considered to start the GEG under total black out condition as per the standard design of Engine OEM		
50	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.07.00 Cooling Water System	Each gas engine will have closed primary cooling water circuit which exchanging heat in an air cooled radiator. The primary cooling water system normally consists of a low temperature system and a high temperature system. The cooling water in the low temperature system is passed through the charge air cooler and the lubricating oil cooler. The high temperature cooling water system cools the engine cylinders and the cylinder head. The coolers / heat exchangers and filters shall have 100% redundancy.	Charge air coolers are engine mounted as per OEM design. Manufacturer casting design doesn't permit any modification on this aspect. Radiators are externally mounted which will have the heat exchange bank and the cooling fans, in case of issues with the radiators , engines can still run with reduced load.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
51	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.07.00 Cooling Water System. a) Low Temperature Cooling Water Circuit	An electrical motor driven cooling water pump circulates the cooling water through charge air coolers, lube oil cooler and jacket water cooler and send to radiator type air cooler where heat is evacuated to the air.	LT water pump is engine mounted and gear operated it is not electrical driven	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
52	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.07.00 Cooling Water System. b) High Temperature Cooling Water Circuit	The cooling water system pumps shall be of centrifugal with 100% redundancy. In case of engine driven CW pumps, redundancy is not required. Preference will be given on shaft driven CW pump.	There is no redundancy available for the cooling water system pumps. Manufacturer casting design doesn't permit any modification on this aspect.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.

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53	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	7.00.00 TEST AND INSPECTION 7.02.02	Mechanical running test of the complete GEG unit along with its auxiliaries at manufacturer's works.	Since the Genset and auxiliaries are procured from different suppliers and sent directly to site , Mechanical run test as specified in the clause mentioned alongside cannot be done at Factory.However the same will be done at site.	As per NIT Clarification: Auxiliaries which cannot be tested at Engine OEM's works may be tested at respective vendor's works.
54	SPECIFICATION NO. M2 GAS CONDITIONING CUM FILTRATION SYSTEM	2.00.00 SCOPE OF SUPPLY/SERVICES 2.01.00	Skid mounted Gas Conditioning cum Filtration System (GFS) of capacity 357400 Sm3/day consisting	Is this capacity for Total Gas consumption including Gas engines (to be installed) or only of the existing Gas Turbines?	As per NIT Clarification: Capacity of GFS mentioned, is considering requirement of existing GTGs and new GEGs
55	SPECIFICATION NO. M3-COMPRESSED AIR SYSTEM	4.00.00 DESIGN AND CONSTRUCTION 4.01.01	Each air compressor shall be oil less, heavy duty reciprocating type driven by electric motor. The compressor design shall ensure completely oil free air.	Compressor provided are typically not 100% oil free. Oil to reconsider the requirement	As per NIT Clarification: Alternative compressor design may be acceptable, subject to submission of proper technical justification by the bidder.
56	SPECIFICATION NO. M3-COMPRESSED AIR SYSTEM	4.00.00 DESIGN AND CONSTRUCTION 4.01.11	The sound pressure level shall not exceed 75 dBA at 1 meters away in either direction from the compressor .	Compressor used in typical GEG plant are not continuous duty, hence Oil to recheck the requirement from compliance point of view	Spec. clause shall be revised as: "Specified noise criteria, as per section G0, shall be met."
57	PART – 2 - BID EVALUATION CRITERIA FOR 3 X 10 MW GAS ENGINE	C) COMMERCIAL – BID SUBMISSION - 4.0	Bidder must include all liabilities and taxes including statutory liabilities but excluding GST. Applicable GST must be quoted in the SOR-Summary, which will be considered for evaluation of the bid.	To be in customer scope	As per NIT. Bidders should take care of all such risk while bidding.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	BASED POWER PLANT				
58	SPECIFICATION NO. G-0 - LEAD SPECIFICATION	6.02.04 Plant Compressed air system as per Specification No M- 3 consisting of: B)	Two (2) x 100% air driers	Only one dryer will be provided built on the Unit itself.	As per NIT Clarification: Alternative design may be acceptable, subject to submission of proper technical justification by the bidder.
59	SPECIFICATION NO. G-0 - LEAD SPECIFICATION	6.02.04 Plant Compressed air system as per Specification No M- 3 consisting of: D)	One (1) instrument air receiver and one plant air receiver	Please clarify if the plant air receiver is service air receiver.	As per NIT Yes. Plant Air and Service Air is the same.
60	SPECIFICATION NO. G-0 - LEAD SPECIFICATION	6.10.01 Mechanical A. Fuel Gas Line	The terminal point shall be the flange of the isolating valve on two 8 inch fuel gas line (approx. 100 meter from engine room).	OIL to elaborate on the requirement of two tapping points.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
61	SPECIFICATION NO. G-0 - LEAD SPECIFICATION	15.03.00 Performance Guarantee Tests	The performance test shall be conducted in two parts	Duration is not mentioned	Duration of the PG test shall be indicated by the Contractor in his PG test procedure in line with applicable codes, which shall be subject to OIL/PMC review and approval.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
		15.03.02 - xvi)			
62	SPECIFICATION NO. M-6 FIRE PROTECTION SYSTEM(EXTENSION)	2.00.00 GENERAL INFORMATION 2.01.02	<p>The existing fire protection system for 20.28 MW GTG plant comprising which will undergo extension / augmentation broadly consists of</p> <p>i) One (1) motor driven Fire Water Pump of capacity 171 m3/hour.</p> <p>ii) One (1) diesel engine driven Fire Pump of capacity 171 m3/hour.</p> <p>iii) One Air Compressor & One (1) Hydro-pneumatic Tank.</p> <p>iv) One (1) Jockey Pump.</p> <p>v) Interconnected hydrant and spray water piping system including outdoor & indoor hydrants, standpipes, hoses, hose stations etc. as defined and as required</p>	The existing system details such as the present hydrant system sizing need to be informed by customer. Or what is additional capacity can be added to be informed by customer. We proposes to keep the scope of fire protection system only for the extension project. The needed modification or any need to be done by customer.	<p>As per NIT.</p> <p>Clarification: Existing system drawings as presently available, has already been included in the NIT.</p>
63	SPECIFICATION NO. G-0 LEAD SPECIFICATION	6.03.00 Electricals - 6.03.01 - v)	v) One (1) set of equipment required for generator drying out operation during commissioning	Bidder will provide Anti-condensation heater	<p>As per NIT.</p> <p>Clarification: Suitable equipment/system shall be provided to ensure that no moisture develops in the generator winding.</p>
64	SPECIFICATION NO. G-0 LEAD SPECIFICATION	6.10.02 Electrical - i)	Outgoing feeders to various loads of OIL: power terminals at existing 11kV Switchgear of GT1-GT2 (14.45MW) units – Extension of Power cable from existing outgoing feeders of 11kV GT1-GT2 Reyrolle Burn Panel to the new 11kV GEG switchgear panels shall be under the scope of this package	Are the outgoing cables of existing GT-1 and GT-2 switchgear to be retrieved and extended up to the new switchgear?	<p>As per NIT.</p> <p>Clarification: Existing outgoing feeder cables are to be disconnected from GT1&GT2 panel end, and extended through additional cables and straight through joints to new 11kV GEG Switchgear (additional cables and joints as required shall be in contractor's scope)</p>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
65	SPECIFICATION NO. E-3 GENERATOR PHASE & NEUTRAL SIDE CUBICLES	2.00.00 DESIGN CRITERIA - 2.01.00	The generator phase/line side cubicle (generator auxiliary compartment) will serve as interconnection between the generator and the 11kV circuit breaker between the generator and the 11/11kV generator transformer. It will be connected to the generator by phase segregated bus and to the 11KV breaker by cables. This compartment will also provide tap offs to a VT and surge protection cubicle, which will house voltage transformers for metering, protection and voltage regulation, lightning arresters and surge capacitors for protection of the generator from high voltage and high frequency surges. The leads for the cable connection to the 11 KV breaker will also emanate from here.	Generator voltage transformer and CT are located within the generator. Surge capacitor and lighting arrestor can be mounted in external enclosure. The external enclosure is connected by cables. In view of this Phase side cubicle does not arise.	As per NIT. However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM
66	SPECIFICATION NO. E-3 GENERATOR PHASE & NEUTRAL SIDE CUBICLES	2.00.00 DESIGN CRITERIA - 2.02.00	The generator neutral side cubicle will serve as interconnection between the generator neutral side terminals and the generator grounding system. The neutral side generator leads will be brought out from the equipment bushings and will be shorted to form the star point. From the star point, a single-phase segregated bus duct/cable will be connected to the neutral grounding cubicles housing the neutral circuit breaker, neutral grounding transformer and secondary loading resistor and further to the plant grounding system by GI flats. The generator will thus be non- effectively earthed meeting the requirement of I.E. Rule.	1. The Generator neutral is formed with in the generator. Generator neutral is connected with the neutral CB with cables. 2. In stead of earthing transformer can we consider earthing resistor	Cl. nos. 2.02.00, 3.01.05, 3.05.01, 5.02.00.b) – the words “neutral circuit breaker” stands deleted. Cl nos. 3.05.08 and Clause sl. no. 7.0 of Annexure-A,– stands deleted. Clarification: Neutral side CTs shall be provided on each phase (for differential protection) before neutral formation.
67	ITB	Clause 11.11 of Part I	The scanned copy of the original Bid Security in the form of either Bank Guarantee or LC must be uploaded,..	Please clarify if OIL intends to issue a format of a letter of credit which the bidders will be required to comply with.	Will be Provided.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
68	ITB	Clause 14.2 of Part I	'....The letter of authorisation (as per Proforma-H). shall be indicated by written Power of Attorney accompanying the Bid'	<p>(i) Please confirm whether bidders are required to submit a board resolution authorizing the issuance of the Power of Attorney, or alternatively, granting authority to the person issuing the Power of Attorney to do so.</p> <p>(ii) Please confirm if OIL intends to issue a format for the Power of Attorney to be submitted by the bidders or if bidders are free to submit their own formats of the Power of Attorney.</p>	<i>No specific Format. Can submit in their own format, only specific provisions like authorize to Sign, Conclude, negotiate etc. should be there.</i>
69	ITB	Clause 11.9 and 19.1 of Part I	Clause 11.9 (ii) states that the bid security will be forfeited if a bidder withdraws or revises its bid suo-motu. However, Clause 19.1 states that a bidder may, after submission of its bid, modify or withdraw its bid prior to the 'Bid Closing Date and Time'.	Please confirm that if a bidder were to revise or withdraw its bid prior to the bid closing date, the bid security of such bidder will not be forfeited and will be returned to the bidder along with the bid securities of all unsuccessful bidders.	<i>Please refer the Tender clauses. Before the bid closing date, provisions are there in the e-portal to withdraw as well as resubmission</i>
70	ITB	Clause 11.6 and 28.3 of Part I	Clause 11.6 states that the unsuccessful bidders' bid security will be returned within 30 days after finalization of the 'IFB'. However, Clause 28.3 states that OIL will, upon the selected bidder submitting the Performance Security, notify the unsuccessful bidders and release their bid securities	The term 'IFB' is not defined in the Bid Document and therefore, there is ambiguity on when an unsuccessful bidder's bid security will be returned. There also appears to be a contradiction between Clauses 11.6 and 28.3. The return of the bid security of unsuccessful bidders should not be linked to the provision of the performance security by the selected bidder and should be returned immediately upon award of the contract to the successful bidder. Please amend Part I to clarify this accordingly.	<i>Bid Security of unsuccessful bidders will be returned on selection of the successful bidder.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
71	ITB	Clause 24.5 of Part I	Clause 24.5 – "In respect of foreign parties rupee payments made on the basis of the accepted rupee component of their bid, would not be repatriable by them. A condition to this effect would be incorporated by the Company in the contract."	Please clarify the rationale for including such a provision. Bidders should be free to convert any rupee denominated sums received into any other foreign currency and repatriate it in accordance with applicable exchange control regulations.	<i>Will be deleting this clause. However, any repatriate to be done in accordance with applicable exchange control regulations.</i>
72	ITB	Clause 4.4 of Part II	Clause 4.4. – "... Offers without confirmation of project completion time of 19(Nineteen) Months or with project completion time more than 19(Nineteen) Months will be summarily rejected."	Please clarify if this confirmation is required to be provided in any specific format or whether the bidder is free to provide its own form of this confirmation on its letterhead and signed by the authorised signatory.	<i>Amendment on timeline will be issued.</i> <i>Clarification: Bidder can submit the declaration on its letterhead and signed by the authorised signatory.</i>
73	BEC	B) Financial Criteria – (d) of Part II	Sub-Clause (d) – "Debt equity ratio: Debt equity ratio of the bidder should not be more than 2:1. Debt equity ratio shall mean long term borrowings/ Net-worth."	Please confirm what documents are required to be provided to satisfy this criteria. Will the submission of the bidder's audited balance sheets and profit loss account statements be sufficient to evidence compliance with this criteria?	<i>AS per the NIT. Audited financial document will suffice.</i>
74	BEC	B) Financial Criteria – (d) – Note 6 of Part II	Note 6 sub-clause (b) – "Corporate Guarantee of parent/ultimate parent/Holding company (as per format enclosed as Annexure-VI(c) by the authorized officials."	Please confirm if any supporting documents, such as a board resolution or power of attorney, are required to be provided authorizing the official signing the corporate guarantee.	<i>Authorisation of such person to sign the Corporate Guarantee should be provided.</i>
75	ITB	8.3	All duties (except customs duty which will be borne by the Company) and taxes (excluding GST) including Corporate Income Tax, Personal Tax, Assam Entry Tax etc. and other Cess/levies payable by the successful bidder under the Contract for which this Bid Document is being issued, shall be included in the rates, prices and total Bid Price submitted by the bidder, and the evaluation and comparison of bids shall be made accordingly. For example,	How customer will be paying customs duties for Indian Bidders, is customer proposing High sea sale?	<i>High Sea Sale – Not applicable for his tender.</i> <i>Since there is no exemption on CD in this project. No separate CD will be paid/borne by OIL. Quoted price should be inclusive of applicable CD.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
			personal taxes and/or any corporate taxes arising out of the profits on the contract as per rules of the country shall be borne by the bidder		
76	ITB	33.1	Request for advance payment shall not be normally considered. However, depending on the merit and at the discretion of the Company, advance against mobilisation charge may be given at an interest rate of 1% above the prevailing Bank rate (CC rate) of SBI from the date of payment of the advance till recovery/refund.	Advance should be interest free and Advance quantum should be 10% Payment security is missing. Payment for balance should be made through irrevocable letter of credit.	Advance Payment in general is not acceptable. If agreed subject to production of Bank gurantee for the as per the tender clause and valid till recovery/refund.
77	ITB	37.2.1 37.2.2	Above undertaking shall be supported by the following certificate from Statutory Auditor engaged by the bidder, on the letter head of such Statutory Auditor.	Can bidder submit letter from practicing CA instead of Statutory auditors	Changes w.r.t. new provisions of PP-LC will be incorporatd in the tender. For details, please refer Purchase preference policy (linked with Local Content) (PP - LC)- Amended, notified vlde letter No. 20013/2/2017-FP-PNG dated 07.10.2019 of MoPNG.
78	ITB	37.2.3	At the bidding stage the bidder shall provide Break-up of "Local Component" and "Imported Component" in the prescribed format enclosed as Proforma-BB(PP-LC) of the policy and shall be uploaded by the bidders along with their price bid in the e-procurement portal.	Proforma-BB(PP-LC) could not be located in tender documents.	Changes w.r.t. new provisions of PP-LC will be incorporatd in the tender. For details, please refer Purchase preference policy (linked with Local Content) (PP - LC)- Amended, notified vlde letter No. 20013/2/2017-FP-PNG dated 07.10.2019 of MoPNG.
79	GCC	General		In several places in the bid documents, including the GCC, references are made to a Special Conditions of Contract (SCC) - however, no SCC has been shared with the bid documents. OIL should either confirm that there will be no SCC and the GCC terms are the final contractual terms or provide a copy of the SCC for bidders to review and assess the amendments intended to be made to the GCC.	Clarification: SCC will be framed and will be provided
80	GCC	Clause 2.2 GCC –	According to the table in Clause 2.2, the contractor is required to complete mobilisation	Please amend Clause 2.2 to clarify the timeframe within which OIL will	As per NIT Clarification:

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
		Mobilisation Time	for the "Main LSTK-EPC work" within 30 days from the date of issue of the mobilisation notice by OIL. However, the GCC is silent on the timeframe within which OIL is required to issue the mobilisation notice.	issue the mobilisation notice after the letter of award is issued to the successful bidder. We would recommend that OIL should issue the mobilisation notice within [30] days of execution of the contract.	<i>OIL shall endeavour to sign the contract during kick-off meeting upon completion of mobilisation.</i>
81	GCC	Clause 2.4 GCC – Duration of Contract	According to the table in Clause 2.4, the 3 months of initial operations and 12 months of maintenance service is required to be 'completed' within 12 months from the "completion of LSTK Contract".	<p>The term "LSTK Contract" is not defined in this agreement and leads to ambiguity since a single contract is proposed to be entered into for both the EPC scope of work as well as the initial operations and maintenance scope of work. We would recommend amending the sentence as follows:</p> <p>"12 (Twelve months) Months after completion of the EPC Works LSTK Contract".</p> <p>Further, the term "EPC Works" should be defined to include all relevant components of the EPC scope of work and can be linked to the scope of work of the contractor set out in Section II (Terms of Reference).</p>	<i>Clarification: The words "LSTK Contract" and "Main LSTK EPC Work" means all works covered under SOR-1</i>
82	GCC	Clause 8.4 GCC – Taxes	Clause 8.4 – "Prior to start of operations under the contract, the Contractor shall furnish the Company with the necessary documents, as asked for by the Company and/or any other information pertaining to the contract, which may be required to be submitted to the Income Tax authorities at the time of obtaining "No Objection Certificate" for releasing payments to the Contractor."	: It is unclear what "No Objection Certificates" are being referred to in Clause 8.4. Please clarify the rationale of including this language in this clause. Further, it is unclear what documents need to be submitted by OIL to the Income Tax authorities for payments that need to be made to the bidder, apart from applicable withholding tax requirements for which separate	<i>Amendment clause:</i> Clause 8.4 – Before releasing payments to the Contractor, the Company may ask the Contractor to furnish the necessary documents and/or any other information pertaining to the contract which may be required to be submitted to the Income Tax authorities at the time of obtaining "No Objection Certificate".

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				provisions exist in the GCC. Any payments that are to be made to the contractor should not be subject to obtaining any no objection certificates from the tax authorities or otherwise. We would recommend that this clause be deleted in its entirety.	
83	GCC	Clause 9.21 GCC – GST	Clause 9.21 – "Beyond the contract period, in case OIL is not entitled for input tax credit of GST, then any increase in the rate of GST beyond the contractual delivery period shall be to Service provider's account whereas any decrease in the rate GST shall be passed on to the OIL."	The term 'contract period' is not defined in the GCC. Hence, the intent behind Clause 9.21 is not entirely clear. Please confirm if the intent is to state that if the contractor has delayed in the performance of the works or services beyond the relevant completion period, then any subsequent increase in the rate of GST will be to the contractor's account if, at such time after the relevant completion period, OIL is unable to claim input tax credit on such amounts	Clarification: The words “contract period” shall mean “Duration of Contract” Contract period will be defined in the Contract in detail.
84	GCC	Clause 12.3 GCC – Force Majeure	Clause 12.3 – "Should 'force majeure' condition as stated above occurs and should the same be notified within seventy two (72) hours after its occurrence the 'force majeure rate' shall apply for the first ten days....".	Please clarify what is meant by 'force majeure rate' as this term is not clarified in the GCC. We would recommend that the clause be amended to include such explanation	This clause is applicable in case of regular nature of contracts where rental, day rate etc. are applicable.
85	GCC	Clause 19 GCC – Performance Security	Clause 19 of the GCC states that the value of the performance security shall be 10% of the "1 year estimated Contract Price". However, as per the Forwarding Letter of the bid document, the performance security is required to be for a value of 10% of the "estimated Total Contract Value for the LSTK Contract" and for the maintenance service, a separate performance	There is a discrepancy between the Clause 19 of the GCC and the Forwarding Letter of the bid document on the quantum of the performance security. Clause 19 of the GCC should be amended to clarify the correct value of the performance security for the LSTK-EPC component of the contract. If a	A suitable PBG Clause will be put in the SCC. PBG requirement will be 10% of the Contract Value covering the EPC scope.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
			security equal to 10% of the "Annualized Contract value".	separate performance security is required to be provided for the maintenance services component, then the value of this performance security should also be clarified in Clause 19.	
86	GCC	8.7	All local taxes, levies and duties, sales tax, octroi, etc. on purchases and sales made by Contractor (except customs duty) shall be borne by the Contractor.	The price should be kept excluding applicable taxes duties, cess, surcharges and other levies, which should be borne by customer at actuals. Even GST is also not excluded by this clause	As per NIT. All Tax will be to Contractor Account.
87	GCC	9.6	Where the OIL is entitled to avail the input tax credit of GST:	Would like to know if OIL is entitled to claim GST credit on invoices raised by bidder post award of contract	No.
88	GCC	9.8	Payments to Service Provider for claiming GST amount will be made provided the above formalities are fulfilled. Further, OIL may seek copies of challan and certificate from Chartered Accountant for deposit of GST collected from OIL.	GST may not be actually deposited in cash when we have ITC to set off, when paid tax is paid in totality hence it would be difficult to exhibit the tax paid is belong to invoice of customer. GSTR 1 proof should be conclusive.	Document to substantiate the payment of GST will do.
89	GCC	9.1	GST shall be paid against receipt of tax invoice and proof of payment of GST to government. In case of non-receipt of tax invoice or non-payment of GST by the contractor/vendor, OIL shall withhold the payment of GST.	Need to clarify with customer. Not every tax invoiced is paid in cash, we also pay through input tax credit and no challans can be produced in such cases.	Document to substantite the payment of GST will do.
90	GCC	9.12	Where OIL has the obligation to discharge GST liability under reverse charge mechanism and OIL has paid or is /liable to pay GST to the Government on which interest or penalties becomes payable as per GST laws for any reason which is not attributable to OIL <u>or</u> ITC with respect to such payments is not available to OIL for any reason which is not attributable to OIL, then OIL shall be entitled to deduct/	Contractor should be liable only when such payments are due to reasons attributable to contractor	This is only applicable in situations where contractor's GST registration is not required.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
			setoff / recover such amounts against any amounts paid or payable by OIL to Contractor / Supplier.		
91	GCC	9.15	The Contractor will be under obligation for charging correct rate of tax as prescribed under the respective tax laws. Further the Contractor shall avail and pass on benefits of all exemptions/concessions available under tax laws. Any error of interpretation of applicability of taxes/ duties by the contractor shall be to contractor's account.	Customer to highlight if they enjoy any specific exemption otherwise it is not contractor's responsibility to identify such benefits and pass on.. Otherwise the price should be considered as inclusive of any benefits concessions which may be available to customer.	<i>All provisions are mentioned in the Tender.</i>
92	GCC	9.16	It is the responsibility of the bidder to quote the correct GST rate. The classification of goods/services as per GST (Goods & Service Tax) Act should be correctly done by the contractor to ensure that input tax credit on GST (Goods & Service Tax) is not lost to the OIL on account of any error on the part of the contractor.	in view of GST where there is chance of considering the supply and services as composit works. How Oil India is considering it for current EPC work	<i>To consider and Quote as per the GST provision.</i>
93	GCC	9.18	Notwithstanding anything mentioned elsewhere in the Bidding Document the aggregate liability of OIL towards Payment of Taxes & Duties shall be limited to the volume of GST declared by the bidder in its bid & nothing shall be payable extra except for the statutory variation in taxes & duties.	Does statutory variation includes change in the rate of tax	<i>Statutory variations after the closing date of Tender is to OIL's account.</i>
94	GCC	9.21	In case of statutory variation in GST, other than due to change in turnover, payable on the contract value during contract period, the Supplier of Goods/ Services (Service Provider) shall submit a copy of the 'Government Notification' to evidence the rate as applicable on the Bid due date and on the date of revision. Beyond the contract period, in case OIL is not entitled for input tax credit of GST, then any increase in the rate of GST beyond the contractual delivery period shall be to Service	GST applicable shall be reimbursed by customer whether or not customer is entitled for input tax credit.	<i>Statutory variations on GST after the bid closing date of Tender will be to OIL's account.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
			provider's account whereas any decrease in the rate GST shall be passed on to the OIL.		
95	GCC	9.21	Beyond the contract period, in case OIL is entitled for input tax credit of GST, then statutory variation in applicable GST on supply and on incidental services, shall be to OIL's account. Claim for payment of GST/ Statutory variation, should be raised within two [02] months from the date of issue of 'Government Notification' for payment of differential (in %) GST, otherwise claim in respect of above shall not be entertained for payment of arrears.	Two month time line is not acceptable. Once rate is changed and invoice is raised post two months, Contractor needs to charge the revised rate and not rate originally communicated in bid.	Clarification only - For the applicability of the Statutory variations, the impact due to change should be brought to OIL's notice within the allowed limit of 2 months.
96	GCC	9.25	Procurement of Specific Goods: Earlier, there is no tax incidence in case of import of specified goods (i.e. the goods covered under List-34 of Customs Notification no. 12/2012-Cus dated. 17.03.2012 as amended). Customs duty is not payable as per the policy. However, under GST regime, IGST Plus GST compensation cess (if applicable) would be leviable on such imports. Bidders should quote GST as inclusive considering IGST component for the imported Materials portion while quoting their prices on destination basis. However, GST rate to be specified in the price bid format.	Need to understand what billing methodology customer is proposing. Is it High sea sale with delivery at site (DAP). There are conflicting positions on customs duty payment of IGST by Bidder on import. Need clarity on billing mechanism and delivery terms for imported goods.	High Sea Sale – Not applicable for his tender. This provision is only applicable, when benefits on concession of CD is there.
97	GCC	9.27	Anti-profiteering clause As per Clause 171 of GST Act it is mandatory to pass on the benefit due to reduction in rate of tax or from input tax credit to the consumer by way of commensurate reduction in prices. The Supplier of Goods / Services may note the above and quote their prices accordingly.	The price quoted by contractor shall be presumed to be post taking into account all benefits and not further reduction can be offered.	Yes
98	Profarma B : SOR	SUMMARY PRICE SCHEDULE/ SUMMARY	GST CHARGES FOR THE SERVICES	Why only GST on services to be mentioned? What about GST on supply items, Is customer proposing Works contract? If yes,	As per the GST act, the project will fall under Works contract and hence one rate of GST will be applicable, as such SOR will be amendment to provide provisions to quote the applicable GST rate for the whole scope of work.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
		SCHEDULE OF RATES - (SOR-S)		How customer will bear import duty component on imported goods.	
99	Notes for SOR-1, SOR-2 & SOR-3	Notes	1. The quoted rate for supply items should be CIF price but excluding Customs Duty and GST. Customs Duty (if applicable) to be quoted in the specific space provided. Bidder to quote the applicable rate of GST along with SAC code in the SOR-Summary.	Why CIF price, is customer proposing high sea sale for supply items? How customer will pay of import duties and GST on import duties.	<i>High Sea Sale – Not applicable for his tender.</i>
100	SCC	6.01.00 Section G0	<p>1.1 The complete work will be on LSTK - EPC basis for the entire plant and the scope of work as hereinafter outlined shall include, but not be limited to the complete engineering and design, supply of material & equipment, delivery, ocean/road transportation, custom clearance, inland transportation, storing & handling at site, insurance from transit to handover, installation, testing, trial run, performance guarantee test, handing over of all equipment including all necessary civil, structural, architectural, electrical, instrumentation & control and services as necessary for three Gas Engine Generator based power plant complete with all auxiliaries and ancillaries required for safe & trouble free operation.</p> <p>The scope of work under this contract shall include equipment and services complete in all respect for the GEG power plant. For minimum technical requirement and other details of the respective equipment / plant / system, refer subsection and tender drawings as attached under Mechanical, Electrical, instrumentation and Control and Civil, Structural and Architectural work.</p>	As per the scope it will be works contract and hence would like to know how customer would be paying for customs duty portions as there will be no separate supply of goods but everything will get invoices as works contract service.	<p><i>Bidders are to quote their prices considering applicable Customs Duty.</i></p> <p><i>Since there is no exemption on CD in this project and CD will attract as per the merit, bidders are to check the CD provisions and quote their prices inclusive of CD. No separate payment towards CD will be paid by OIL. Quoted price should be inclusive of applicable CD.</i></p>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
101	Payment Terms	2.5	The Contractor shall submit an application to the Engineer for the payment in the prescribed PROFORMA-XXXXX .	Profarma is missing	<i>This proforma is pertaining to payment during execution and shall be finalised after award of contract.</i>
102	Payment Terms	2.6	The contractor shall not insist upon opening of a letter of credit i.e. L.C. facility, if arrangement are made for payment of certified bills in the country of origin.	OIL requested to open letter of credit as payment security for entire scope of contract.	<i>There will not be separate payment other than the payment schedule mentioned in the tender/contract. As such there is no requirement for LC as payment.</i>
103	BEC Form C	1	This is to confirm that the offered Gas Engine Model----- Manufactured by ----- is still in the production line as on the date of submission of this Bid and shall not become obsolete in the coming 5 years. We also confirm that the spare parts of the model and the control system shall be made available for the next 25 years in case the order is awarded on us.	Please note bidder will provide letter from OEM for the following. This is to confirm that the offered Gas Engine Model----- Manufactured by ----- - is still in the production line as on the date of submission of this Bid and shall not become obsolete in the coming 5 years. We also confirm that the spare parts of the model and the control system shall be made available for the next 25 years in case the order is awarded on Bidder.	<i>Amendment to BEC Form-C will follow</i>
104	BEC Form C	2	The maintenance and overhauling of the Gas Engine can be carried out at site and we confirm of extending our support as required for the work at site.	The maintenance and overhauling of the Gas Engine can be carried out at site by bidder as per OEM recommendation	<i>Amendment to BEC Form-C will follow</i>
105	BEC Form C	3	We also confirm that only OEM personnel/ OEM certified competent persons shall be deployed during all routine/schedule/breakdown/Long Term Maintenance Service of the GEG.	We also confirm that only OEM certified competent persons shall be deployed for all routine/schedule/breakdown during Long Term Maintenance Service agreement of the GEG with the bidder.	<i>Amendment to BEC Form-C will follow</i>
106	BEC Form C	4	We confirm to hold the quoted price of the mandatory spares for a period of 25 years from the award of contract for the quoted engines.	Price confirmation for 25 years is not feasible	<i>On this please be guided by the Corrigendum to SOR-4</i>
107	Part 2 BEC FORM C	4	We confirm to hold the quoted price of the mandatory spares for a period of 25 years from the award of contract for the quoted engines.	Contradicting statement from BEC, we assume that Price validity if for 10 years. Please Confirm.	<i>On this please be guided by the Corrigendum to SOR-4</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
108	Part 3 Section 1 GCC	1.1(b)	"The Contract" means agreement entered into between Company and Contractor, as recorded in the contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein;	The Bidder seeks clarification as to whether deviations (whether technical, commercial, or otherwise), where accepted, will be attached, or if alternatively that the relevant portion(s) of the Contract shall be amended accordingly (thereby doing away the need for agreed deviations to be attached). The Bidder seeks clarification whether entire scope including EPC, 3 months O&M and 1 year maintenance will be covered in one contract or more contracts. The Bidder proposes for two contracts : First Contract: for EPC scope Second Contract: for 3 months Operation and year maintenance agreement . Each contract will need to be modified accordingly to take into account all the deviations before issue and signature of the Contract Agreement, and before the issue of the Notification of Award.	<i>The main Contract will cover the whole i.e. EPC, O&m and maintenance.</i> <i>However, for detailed scope for the AMC period, OIL may enter into individual contract for ease of operation.</i>
109	Part 3 Section 1 GCC	6.1	WARRANTY: Contractor warrants that they shall perform the work in a first class, workmanlike, and professional manner and in accordance with the highest degree of quality, efficiency and current state of the art technology/oil field practices and in conformity with all specifications, standards and drawings set forth or referred to in the Terms of Reference and with instructions and guidance which Company may, from time to time, furnish to the Contractor.	The Bidder seeks clarification : 1. Which Term of Reference are referring here ? 2. What guidance and instruction which Company may, from time to time, furnish to the Contractor ?	<i>Terms of Reference refers to NIT requirements</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
110	Part 3 Section 1 GCC	10	Insurance requirement:	OIL's Insurance scope to be clarified During EPC and LTSA period. As per industry practise, we recommend OIL to have IAR Policy for the Plants & Equipment's which shall cover Fire & allied Perils, Machinery Breakdown, etc. in which Contractor shall be co-insured In OIL IAR Policy, Contractor should additionally name co-insured. What would be the Minimum deductible for the IAR Policy during LTMS period?.	<i>All insurance as required and specified shall be taken by Contractor</i>
111	Part 3 Section 1 GCC	11.2	If any change result in an increase in compensation due to Contractor or in a credit due to Company, Contractor shall submit to Company an estimate of the amount of such compensation or credit in a form prescribed by Company. Such estimates shall be based on the rates shown in the Schedule of Rates (Section IV). Upon review of Contractor's estimate, Contractor shall establish and set forth in the Change Order the amount of the compensation or credit for the change or a basis for determining a reasonable compensation or credit for the change. If Contractor disagrees with compensation or credit set forth in the Change Order, Contractor shall nevertheless perform the work as changed, and the parties will resolve the dispute in accordance with Clause 13 hereunder. Contractor's performance of the work as changed will not prejudice Contractor's request for additional compensation for work performed under the Change Order.	The Bidder understand that OIL intention is to write Clause 14 instead of Clause 13	<i>Clause 14 shall be applicable</i>
112	Part-3 Section-II,	1/19/2000	Recommended Spares	For the purpose of clarity, reconfirm that cost for supply of Gas Engine	<i>As per NIT:</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	Doc. No. 18210-FND-SPC-G-0001			Spare parts to be considered as part of SOR 2 & 3 in Maintenance Charges, excluding spare parts supply cost for GEG Auxiliaries, BOP & Electrical System. For GEG Auxiliaries, BOP & Electrical System, spares shall be procured by OIL as per clause 19.01.00 for LTSM period. Please confirm.	Clarification: SOR-2 & SOR-3 refers to complete GEG plant. Clause 19.01.00 refers to providing a list of recommended spares (for all plant and equipment, except Gas Engines).
113	Part-3 Section-II, Doc. No. 18210-FND-SPC-G-0001 ATTACHMENT	1.01.00 (h)	At the end of LTMS period, the Gas Engine shall be thoroughly inspected and replacement of parts shall be made as necessary for each engine to bring it to near new and clean condition before handing over to OIL.	As per the operation profile at end of 4 th year, each engine would have completed 18800Hrs. As per maintenance schedule all spare parts replacement & services would be carried out and handed over to OIL. We request owner to relook in to the wording "replacement of parts shall be made as necessary for each engine to bring it to near new and clean condition"	As per NIT Clarification: The word "near new" shall mean that there shall be no pending maintenance service requests.
114	Part 3 Section 1 GCC	13.6	If at any time during the term of this Contract, breakdown of Contractor's equipment results in Contractors being unable to perform their obligations hereunder for a period of 15 successive days, Company at its option, may terminate this Contract in its entirety without any further right or obligation on the part of the Company, except for the payment of money then due. No notice shall be served by the Company under the condition stated above.	We assume this applicable only during LTSM period. There is provision of Availability Guarantees for Individual GEG & Plant (2R + 1S), with slab for LDs. We request to consider termination after breach of LD limits.	This is a GCC clause, mainly applicable for regular annualized Contracts please.
115	SOR 2 & SOR 3	SOR 2 & SOR 3	Euro Payment – During LTMS	Hope OIL is allowed to make foreign currency payments during LTMS (0-4yrs) ? Can we split our rate per hour in 2 currencies (Foreign& INR) ?	Yes. Mentioned in the Tender

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				Can the composition of the currency be year wise ?	
116	Part-3 Section-II, Doc. No. 18210-FND-SPC-G-0001	Page 4 / 4.00.00 Section G0	. The bidder shall provide the details of Gas Engine spares that will be required for running each GEG for 1,00,000 Running Hrs.	We believe this spares are for 100000 running hrs operation after initial 4 years of scheduled operation.	<i>On this please be guided by the Corrigendum to SOR-4</i>
117	Part-3 Section-II, Doc. No. 18210-FND-SPC-G-0001	Page 30 / 20.01.01 Section G0	The Bidder shall quote for a complete and unused set of all special tools and tackle, including required number of the tool boxes, as required for erection, maintenance, overhaul or complete replacement of the equipment and components required for the plant. The Bidder shall enclose with his proposal the list of special tools and tackle as per the format given under Schedule-VII	Need to discuss Erection tools will be property of Bidder and the same will be taken back after respective work is finished. Special tools for maintenance of engine shall be supplied along with standard tool set.	<i>As per NIT</i> <i>Clarification: Erection tools will be property of Contractor and the same can be taken back by the Contractor</i>
118	Doc. No. 18210-FND-SPC-G-0001 / M1	Page4 / 05.01.03	All filters / strainers shall have on line cleaning / self-cleaning facilities without shut down of the any equipment	All filter / strainer may not have self cleaning facility unless it is recommended as per respective OEM specifications.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
119	Doc. No. 18210-FND-SPC-G-0001 / M1	Page 7 / 05.05.04	Two (2) nos. oil coolers (one operating, one standby) shall be provided to cool the lubricating oil. The coolers shall be designed in accordance with TEMA Class-C or approved equivalent. The material of tubes shall be stainless steel TP-304.	Lube oil Cooler shall be of PHE Type and No Standby	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
120	Doc. No. 18210-FND-SPC-G-0001 / M1	Page 7 / 05.05.07	Vapour Extraction System (in the engine oil sump) comprising 2x100% fans complete with piping leading to a safe height and with flame arresters shall be provided	1 x100% fan as per standard design of OEM	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
121	Doc. No. 18210-FND-SPC-	Page 8 / 05.07.00.b	The coolers / heat exchangers and filters shall have 100% redundancy	Cooler / Heat exchanger will have suitable fouling margin but no redundancy as per OEM standard design	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	G-0001 / M1				
122	Doc. No. 18210-FND-SPC-G-0001 / M1	Page 9 / 05.10.00	The GEG will be equipped with electronic governors and hydraulic actuators of minimum accuracy class as A-1 and shall also meet the requirement specified under clause no 2.06.00 together with other electrical characteristics as specified elsewhere in the specification. The speed adjustment (synchronizer), speed droop and load limit controls, air fuel ratio control and gas pressure control are standard features of governor and control switches will be mounted on the engine control panel.	Noted. This will be controlled from engine control cabinet as per standard operating philosophy of engine manufacturer.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
123	Doc. No. 18210-FND-SPC-G-0001 / M1	Page 9 / 07.01.03	Test certificates for static and dynamic balancing test of rotating elements	Please advise which equipment it applies to?	Spec. clause shall be revised as: "Test certificates for static and dynamic balancing test of rotating elements, where applicable."
124	Doc. No. 18210-FND-SPC-G-0001 / M2	Page 1 02.02.00	Skid mounted Gas Conditioning cum Filtration System (GFS) of capacity 357400 Sm3/day consisting of:	Why such over capacity GFS needed for 3 Genset ?	As per NIT Clarification: Capacity of GFS mentioned, is considering requirement of existing GTGs and new GEGs
125	18210-FND-SPC-G-0001 SPEC NO M1	3.01.10	Compressed air based engine starting system common for three GEG comprising of 2X100% motor driven compressors, 2X100% dryers and Air receivers (2X100%)	We recommend air receiver dedicated for each DG. We will be supplying control air module for instrument air and air drying.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
126	18210-FND-SPC-G-0001 Specification M1	5.05.04	The material of the tubes shall be stainless steel TP-304	The lube oil coolers in our system are of plate heat exchanger with SS as MOC.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
127	18210-FND-SPC-G-0001 Specification M1	5.08.00	The starting air shall be common to three GEG unit comprises 2X100% air receivers each of 3m3 capacity	We recommend one no air receiver of 3 m3 capacity each per engine.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
128	18210-FND-SPC-G-0001 Specification M2	2.01.00	Skid Mounted Gas Conditioning cum filtration system(GFS) of capacity 357400 Sm3/day	Client to clarify the basis of the capacity for gas conditioning skid. The capacity requirement for 3 engine is much lower	As per NIT Clarification: Capacity of GFS mentioned, is considering requirement of existing GTGs and new GEGs
129	18210-FND-SPC-G-0001 Specification M2	4.08.01	Material of construction	Steel Plates as per ASTM 515 Gr. 70 is not readily available. Client to approve the equivalent MOC ASTM A 516 Gr 60/70 for filter separator which is readily available as per OEM standard design.	Clarification :Material equivalent or superior to that specified can be accepted subject to Bidder's submission of documentary evidence.
130	18210-FND-SPC-G-0001 Specification M3	4.03.00	Air Drying Plants	We will supply control air module as per OEM standard which is with air drier. Hence separate air drying plant is not considered.	As per NIT Clarification: Alternative design may be acceptable, subject to submission of proper technical justification by the bidder.
131	18210-FND-SPC-G-0001 Specification M3	4.04.04	Air volume bottle for buffer air should be provided for instruments which consume high quantity of instrument air.	We will supply instrument air through our control ai module. No separate instrument air bottle will be required	As per NIT Clarification: Alternative design may be acceptable, subject to submission of proper technical justification by the bidder.
132	18210-FND-SPC-G-0001 Specification M3	4.04.04	The air receivers shall be constructed of carbon steel plates as per ASTM A-283 Gr. C	ASTM A-283 is not very commonly available but it is equivalent to E-250 (IS:2062).	As per NIT Clarification: Material equivalent or superior to that specified can accepted subject to Bidder's submission of documentary evidence in this regard.
133	18210-FND-SPG-G-001 part 3, Section II	6.10.00 Section G0	Terminal Points	Client to confirm exact distance/ battery limit from the engine room for plant water, Fire fighting water and nitrogen purging.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
134	Specification G0 – lead specification	9.02.00	It shall be noted that part of the proposed GEG building will be located in the space presently occupied by the Gas Filtration System of the existing 2x14.45MW Gas Turbines. The existing GFS can be dismantled only after the new GFS is ready and made operational. This needs to be suitable taken care of in the project schedule	Does this mean the gas conditioning skid has to take care of the gas required for 2 x 14.45 MW Turbines as well ?	As per NIT Clarification: Capacity of GFS mentioned, is considering requirement of existing GTGs and new GEGs
135	18210-FND-SPC-G-0001 Specification G-0	6.02.06 # ii) # vi)	Fire Protection & Detection system Medium velocity water spray system for extended cable spreader room of existing Switchgear building of 1 x 20 .28 MW GTG plant Rerouting of existing cable spreader sprinkler system hydrant lines due to installation of elevator	Are new compressor house / new store building / Lube oil station as shown in plot plant required to be covered with hydrant system? Need drawing of existing switchgear building and its cable spreader room details with tray arrangement Location of elevator required	As per NIT Clarification : All new facilities of the plant shall be covered by fixed fire fighting system including fire monitor & hydrant system etc. Refer clause No. 5.v, 5.vi & 5.vii of document specification No. M#6(Fire Protection System-Extension) for details regarding water spray system. Refer Plot Plan drawing for location of the elevator.
136	Part-3 Section-III, Doc. No. 18210-FND-SPC-G-0001, E0	3.01.03 Page 7	Accordingly, the new 11kV GEG Switchgear shall have outgoing feeders identical to that in the existing 11kV GTG-1/2 Switchgear.	Need to discuss. Existing Tech Specs of Switchgears are required from Client and due to technological developments getting identical equipment may not be possible.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
137	Part-3 Section-III, Doc. No. 18210-FND-SPC-G-0001, E0	3.02.03 Page 8	Operation of the 11kV system shall be such that at any time with the 11kV switchgear interconnected only one neutral grounding reactor shall be in circuit.	Noted. Existing NGR data is required from customer.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
138	Part-3 Section-III, Doc. No. 18210-	3.03.02 Page 9	one (1) GEG running it shall be possible to successfully start OIL's largest load of LPG motor of rating 4500 HP, 0.85 pf, 213A full load current, 505A starting current. LPG Motor Starting is through auto-transformer: 11000 V	Need to discuss. Since this data is available now, we need to conduct motor starting study. Additional information is required in order to conduct the study.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	FND-SPC-G-0001, E0		primary, 7150-6600-6050 V secondary, vector group Yna0.		
139	Part-3 Section-III, Doc. No. 18210-FND-SPC-G-0001, E0	3.03.13 Page 10	An automatic real time load shedding and generator management system shall be provided considering the existing GTG units and the new GEG units. Bidder shall collect necessary data from PMC/OIL for load and priority of 11kV feeders to be tripped, details of existing system and any other data. The design shall be such that system stability shall be maintained and total blackout prevented.	Need to discuss. More information's are required on Load shedding breakers and their capability to function with new load management system. (Numbers/Distance/Communication Protocol.../ breaker condition etc)	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
140	Part-3 Section-III, Doc. No. 18210-FND-SPC-G-0001, E1	3.01.01 Page 3	The enclosure shall be IP-54 in accordance with IEC recommendation IEC-34.5 and cooling system shall be IC-81.	Since the generator is installed within the power house building why IP54 is envisaged? Normal practice is to use IP23 in such case.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
141	Part-3 Section-III, Doc. No. 18210-FND-SPC-G-0001, E5	2.01.00 Page 3	The H.T. phase non segregated bus duct will serve for interconnecting the two sections of the new 11kV GEG Switchgear, as required.	Need to discuss. Information related to existing breakers, distance between the old and new system needs to be evaluated.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award. Further Clarification: HT bus duct is to be used for connection between two or more sections of the new 11kV GEG Switchgear, if any. Connections between 11kV GEG Switchgear in 20.28 MW switchgear building Extension, GT3 11kV Switchgear in 20.28 MW switchgear building and GT1-GT2 Switchgear in Old Power House Switch Room shall be by cables.
142	E-13, Motors	2.02.03	The motor name-plate rating at site ambient shall have at least 15% margin over the input power requirement of the driven equipment at rated duty point.	These shall be as per OEM standard for the pumps used for auxiliary equipments, otherwise it	As per NIT Clarification:

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
143	E-13, Motors	3.01.02	The motor shall be capable of operating satisfactorily at full load for 5 minutes without injurious heating with 75% rated voltage at motor terminals.	will call for major design change at our vendors works.	<i>Motors integral to the GEG unit shall be as per OEM standard.</i> <i>However, for bought-out items of auxiliary systems, motors shall comply with specification requirements.</i>
144	E-13, Motors	3.11.01	Motor terminal box shall be detachable type and located in accordance with Indian Standards clearing the motor base-plate/foundation		
145	E-13, Motors	3.11.02	Terminal box shall be capable of being turned 360o in steps of 90o, unless otherwise approved.		
146	E-13, Motors	3.11.09	Motor terminal box shall be furnished with suitable cable lugs and double compression brass glands.		
147	E-11 Instrumentation & Control	c). Display	The following minimum parameters of running engine/ generator shall be displayed in the monitor: c) Running Hours l) Number of Start of Engine	No. of engine starts is not standard feature for reciprocating engine, hence can not be provided.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
148	E-11 Instrumentation & Control	8.01.00	a). Pressure Transmitter-Working Principle:- Smart (HART) b). Differential Pressure Transmitter	These will be as per OEM Standard for GEG skid and gas regulating unit.	<i>As per NIT</i> <i>Clarification: Alternative may be acceptable, subject to submission of proper technical justification by the bidder.</i>
149	E1:1Synchronous Generator	3.12.02	Control Power Supply-110 V DC	As per OEM Standard, it will be 24 V DC as per standard practice.it will be possible for MV and LV switchgears.	<i>As per NIT</i> <i>Clarification:DC system for GEG and its auxiliaries may be as per proprietary design of OEM .</i>
150	E-4 Power Transformers	Annexure C	Neutral Grounding Reactor-Each transformer shall be provided with a neutral grounding reactor for grounding the neutral of the star connected winding. Details as per SLD 18210-DWG-E0102	Need to discuss, details about existing NER/NGR system are required.	<i>As per NIT</i> <i>Clarification: Available data/documents/drawings may be collected from site post award.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
151	Forwarding Letter	Missing page nos.	Confirmation regarding missing page no.	In Letter after page no. 2 of 5, page no. 3 of 8 begins but the serial no. of contents continues serially. Please confirm and provide if page no. 3 of 5 to 5 of 5 and page 1 of 8 to page 2 of 8 also exists.	<i>will be corrected</i>
152	Forwarding Letter	A.2.0 (f) Part-I, ITB	Special Conditions of Contract (Part-3, Section III)	No Such document found	<i>Clarification: SCC refers to Technical Specifications. Refer Part-3, Section-II of NIT.</i>
153	Instruction to Bidder – Part 1	29.0	Performance Security to be issued by any Foreign Bank to be counter guaranteed from any scheduled bank in India.	First of all the requirement of Performance Security should be waived of in absence of any advance or payment security no performance can be secured. However, if Company needs performance security as a minimum condition to Contract then either payment to contractor shall be secured through letter of credit or PBG can be given at the time of notice for commencing performance guarantee test. Also We request you to accept the BG from any first class international bank or international bank having S&P rating of minimum A '+'. Also make corresponding changes in the draft such as payment of stamp duty application of Indian Law shall be changed to URDG 758.	<i>As per NIT Applicable PBG format will be provided.</i>
154	Instruction to Bidder – Part 1	29.2	BG to be extended on extension of contract period.	Cost of BG shall be on party responsible for extension of contract period.	<i>As per NIT. Any extension will be on contractor's Account.</i>
155	Instruction to Bidder – Part 1	33.0	Advance not be given generally. If given only after charging interest.	Secured advance should not carry any interest. Advance is required to ensure Company's commitment to take delivery when equipment is complete. Minimum 20% interest free secured advance shall be	

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				allowed. ABG shall be accepted from any international bank of rating better than S&P A'-' with law applicable as URDG 758.	
156	BEC – Part 2	3.1.1 (i) & (ii)	Where bidder bids on the PTR of parent company having 100% share holding in the bidder should provide an additional performance security of 50% of the performance security to be given by the bidder and a declaration to allow deduction in it on failure of Bidder.	These two sub-conditions need to be deleted on following account: 1. Since parent company guarantee is already sought. 2. Even if parent company itself have bided it would have given only 10% and no separate Corporate Guarantee. By Corporate Guarantee already additional protection is available. 3. This make bidding difficult, unequal and impossible.	<i>As per the Tender, PBG to be submitted by the Successful bidder(s).</i>
157	BEC – Part 2	4 of Annexure VI (a)	Format of agreement between bidder and its parent company	Kindly allow to include the detailed agreement between parent company and the bidder on sharing of responsibility inter-se without diluting the rights of OIL.	<i>Additional document can be submitted as part of response.</i>
158	Part – 3, Section-I	8.5	TDS under corporate income tax	Request to bifurcate the LTSK portion in supply and service so that TDS is attracted only on Service Portion. TDS on full LTSK value will have adverse impact on cash flow.	<i>TDS will be deducted as per applicable law and terms of payment.</i>
159	Part – 3, Section-I	9.21	Adverse impact of GST beyond the Contract Period shall be borne by the Contractor. Base date for determining the Statutory variations	Contractor shall bear the adverse impact of variations of GST, if the delay is solely and only attributable to the Contractor. Also base date for statutory variation should be from Bid closing date since the Contractor could not revise its bid after the bid closing date.	<i>Noted.</i>
140	Part – 3, Section-I	10.8	Enhancing the limit of insurance at no extra cost on request of customer.	Limits can be raised at the cost of customer.	<i>Provisions of Insurance should be sufficient, else Company may request to take extra provisions.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
141	Part – 3, Section-I	13.1	Contract to terminate automatically on expiry of duration of the Contract.	Since delay in Contract is compensated by LD simply completion of Contract Period cannot allow termination of the Contract. Contract to terminate on completion of all rights and obligations of both the Parties.	<i>For any extension requirement, Contract period will be extended without the waiver of LD with a formal extension letter. This clause will not be applicable.</i>
142	Part I - ITB	9.0	Currencies of Bid and Payment	Can we quote in two different currencies – Imported Genset in Euro & Indigenous in INR?. Alternatively, can FOREX variation / protection clause be inserted in the tender	<i>Bidders can Quote in Multiple Currencies. For evaluation currencies will be converted into INR as per the conversion clause of the tender.</i>
143	Part I - ITB	24.4	Exchange Rate Risk	Although the Indian Bidders are permitted to quote in any currency, the inflation or deflation will come into effect during payments. OIL is requested to compensate for any exchange rate fluctuation, which might be a loss for the successful bidder.	<i>Exchange Rate variation risk is not applicable as the Bidders are permitted to quote in any currency.</i>
144	Part I - ITB	30.2	The successful Bidder shall sign and date the contract and return it to the Company after receipt of LOA. Till the contract is signed, the LOA issued to the successful bidder shall remain binding amongst the two parties.	Considering the size of Gensets which will be custom built, contract signing or the release of PO is requested to take place within 30 days from the date of receipt of LOA.	<i>As per NIT Clarification: OIL shall endeavour to sign the contract during kick-off meeting upon completion of mobilisation.</i>
145	Part 2 - BEC	A - 4.4	Time is the essence of this project. Completion period for the Main LSTK-EPC work is 19(Nineteen) Months from the issue of Mobilization Notice after Issuance of LOA (including 30 days mobilization period).	24 months Project completion period, instead of 19 months is requested	<i>No. change. Only completion period of EPC portion will be amended.</i>
146	Part 2 - BEC	D - 1	Bids shall be evaluated taking into account the total Price quoted against SOR –Summary i.e. total of SOR-1, SOR-2, SOR-3 and SOR-4	SOR-4 may please be removed from the evaluation criteria as Spare Price of 100,000 hrs on present cost shall not help in evaluating the landed cost properly as the time limit of completion of	<i>On this please be guided by the Corrigendum to SOR-4</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				100,000 hrs for all these 3 units is not certain. Instead, 5 years pricing including 1 year of warranty period may please be considered.	
147	Part 2 - BEC	D - 2	However, Bidder has to give an undertaking to hold the quoted prices as firm for a period of 10 years from the date of successful commissioning of the project.	Undertaking to hold the spare price as firm for 5 years may please be considered instead of 10 years as this is practically impossible & unreasonable for anyone.	<i>On this please be guided by the Corrigendum to SOR-4</i>
148	18210_M3_Compressed Air_R018210_M3_Compressed Air_R011	2.05.00	...Cooling Water circuit for intercooler, after cooler and other cooler	Normally all starting air compressors of this size are air cooled. Why are water-cooled compressor required?	<i>As per NIT</i> <i>Clarification: Alternative design may be acceptable, subject to submission of proper technical justification by the bidder.</i>
149	II.J.Part 3 II-18210_M1	2.11.00	Exhaust of each GEG unit shall be provided with necessary metallic flue with outside insulation.	What is means by metallic flue?	<i>As per NIT</i> <i>Clarification :This refers to the exhaust chimney</i>
150	II.J.Part 3 II-18210_M1	5.05.03	Lube oil for the engine shall be essentially of Indian grade	Which Indian grade shall be considered? Assume it will be manufacturer's recommended grades, if manufactured by Indian Oil Companies.	<i>'Essentially' to be read as 'preferably'</i>
151	II.J.Part 3 II-18210_M1	5.05.07	Vapour Extraction System (in the engine oil sump) comprising 2x100% fans complete with piping leading to a safe height and with flame arresters shall be provided.	Is hereby the function of the crankcase ventilation system described?	<i>As per NIT</i> <i>Clarification: This refers to vapour extraction system in the engine lube oil sump.</i>
152	II.J.Part 3 II-18210_M1	5.07.00	The coolers / heat exchangers and filters shall have 100% redundancy.	Please specify type of coolers.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
153	18210_G0-R6-010719 II	16.02.01	A full set of certified correction curves with adequate resolution shall be provided with the bid to insure evaluation of the operation at the design point from the actual test conditions.	Certified is understood as Information from component manufacturer who has the experience and the data base from their tested components and not as a 3rd party certification. Please confirm.	As per NIT Clarification: This refers to GEG performance curves provided by OEM, for correctness and authenticity.
154	18210_E0-General-Electrical_R1 II	3.03.03	Energizing 10MVA 11/33kV: The GEG, the Engine Governing system, Alternator sizing and the AVR shall be designed in a manner such that with one (1) GEG running it shall be able to supply the inrush current of existing 10MVA 11/33kV transformer in the 11kV network. Bidder shall specify the minimum and maximum GEG load between which the Transformer can be energized successfully.	Transformer specification incl. inrush characteristics required for ensuring alternator design meets the requirements.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
155	18210_E0-General-Electrical_R1 II	3.01.01	The synchronous generator shall be totally enclosed, horizontal shaft, once through air cooled type, driven by gas engine. The enclosure shall be IP-54 in accordance with IEC recommendation IEC-34.5 and cooling system shall be IC-81.	<p>The OEM standard solution is to blow fine filtered air from the outside into the power house, directly onto the generators. Due to the high quality of the filtered air, a nearly hermetically closed generator cooling with air-air heat exchanger is not necessary.</p> <p>OEM has a good track record with this solution in India as well as in other countries with heavy exposure to dust and insects.</p> <p>OEM would also like to check cooling by air-water heat exchanger for the generator instead of air-air because of reduced heat exchanger size and power consumption. Air-water cooling is</p>	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				standard in marine applications of our engines/gensets. Please confirm to check alternative, well proven technical solutions	
156	18210_E0-General-Electrical_R1 II	3.03.07	The generator shall be capable of delivering the rated output continuously without the specified temperature rise exceeded with one cooler section out of service for maintenance.	Please provide information how maintenance will be performed on an operating generator at rated load. e.g. exemplary instruction from existing plant. Isn't it a safety issue?	As per NIT Clarification :This clause shall not be applicable for air-air type of cooling for generator.
157	18210_E0-General-Electrical_R1 II	3.05.05	a) Rotor winding shall be secured in the slots by suitable slot wedges and fillers. The overhung portion of rotor winding shall be held in position against centrifugal force by retaining rings.	Round rotor requirement to be neglected?	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
158	PART – 2 Bid Evaluation Criteria	A) TECHNICAL CRITERIA: TECHNICAL REQUISITES Clause 1.00 Technical Requisites Page no. 2 of 26	Sub Clause 1.1 The bidder must offer 3 Nos of Gas Engine driven Generator (GEG) sets, of the same make, of performance Class G2 as per ISO8528-5 (<i>with additional requirements as indicated in Form-A</i>), having Engine RPM of 750 maximum , each suitable for continuous Base Load operation with Guaranteed Net exportable Electrical power output....	Bidder requests OIL to consider 1000 rpm Gensets/Engine for evaluation of the project without diluting functional requirement of the project.	Amendment to BEC will follow
159	Part 3, Section III, Price Schedule and Rates	Price Schedule (SOR -1) for Main LSTK-EPC work	Sr. No. 10 Supply of Gas Engine Generator unit: Design, Engineering, Manufacture, Fabrication, Assembly, Testing at manufacturer's work, Packing for transport & delivery, CIF port of	Bidder intend to import 3 Nos of Gas Genest and it's accessories. However, price for these items will be quoted in INR and payment is to be made in INR by OIL.	There is no restriction on the quoted currency and can even quote in multiple currency. Prices are to be Quoted on FOR Destination basis including all components like Customs duty, Post clearance, inland transportation, Insurance etc. including all GST components.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	for EPC Contract		shipment/ FOR station for dispatch of three (03) number of Gas Engine Generator units each with Net exportable Electrical power output	<p>1) Bidder understanding is that for Imported Items Bidders to quote price on CIF, Indian Port Basis as mentioned in the adjacent column.</p> <p>2) Customs clearance will be done by Bidder.</p> <p>3) Customs Duty will be paid by OIL at actual and customs duty shall not be a part of bid Price.</p> <p>4) Bidder understands that IGST applicable on imported supply shall be included in GST amount for supply portion of the contract.</p> <p>5) Inland Transportation up to site for these imported items will be OIL responsibility.</p> <p>Please confirm that the above understanding is correct. If Not please clarify.</p>	<i>Your understandings on the responsibility of materials upto sit all inclusive is correct.</i>
160	Part 3, Section III, Price Schedule and Rates for EPC Contract	Price Schedule (SOR -1) for Main LSTK-EPC work	Applicable rate of Customs Duty	<p>Bidder understands that only applicable % of import duty is to be mentioned here.</p> <p>Please confirm.</p>	<p><i>Payment of CD and Clearance of Consignment is the responsibility of the Contracotr only.</i></p> <p><i>Bidders are to quote their prices considering applicable Customs Duty i.e. quoted price should be inclusive of applicable CD.</i></p>
161	Part 3, Section III, Price Schedule and Rates	Price Schedule SOR – 3 and SOR – 4,	3 MONTHS INITIAL OPERATION ALONG WITH 1 YEAR MAINTENANCE SERVICE	The scope includes supply of Spares that will be imported from OEM.	<i>SOR will be modified suitably to incorporate the provisions.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	for EPC Contract			There is no provision to indicate Customs Duty / Customs Rate in the SOR 3 & 4. Please advise.	
162	Part 3, Section III, Price Schedule and Rates for EPC Contract	Price Schedule SOR – 4	Applicable rate of Customs Duty	Bidder understands that only applicable rate i. e. % of customs duty to be indicated here. Please confirm. However, different spare may have different rates of customs duty. Please advise.	<i>Bidders are to quote their prices considering applicable Customs Duty.</i> <i>Since there is no exemption on CD in this project and CD will attract as per the merit, bidders are to check the CD provisions and quote their prices inclusive of CD. No separate payment towards CD will be paid by OIL. Quoted price should be inclusive of applicable CD.</i>
163	Part 3, Section III, Price Schedule and Rates for EPC Contract	Price Schedule SOR – 4	Note 8 The rates quoted towards the mandatory spares will be valid for next 25 years.	1) Please clarify which mandatory spares. There is no provision to indicate rates of mandatory spares in the price schedule. 2) In BEC document at Sr. No. 2.0 of D Evaluation Of Bid it is mentioned that the price validity of these spares to be 10 years. Please confirm whether OIL wants 10 years or 25 years of validity.	<i>Necessary provisions will be made through Amendment to SOR-4. On this please be guided by the Corrigendum to SOR-4</i>
164		Part 4, Section IV Proformas and Annexures	Pro-forma – A LIST OF ITEMS (Equipment, Tools, Accessories, Spares & consumable) To be imported in connection with execution of the contract showing CIF Values.	Bidder understands that Bidder to indicate CIF value of all imported items including Gas Engine Generating Set and it's spares that will be supplied under LSTK Part of the contract to OIL. And This pro-forma is part of Price Schedule and to be submitted in	<i>This should be a comprehensive list of imported items including the supplied items or any items that the Contractor want which may be required as part of contract execution on re-exportable basis are also to be mentioned here.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				Price Folder on OIL's e-tender Portal. Please confirm.	
165		Part 4, Section IV Proformas and Annexures	Annexure III Commercial Check List Sr. No. 1. Bidding Structure	Sr. No. 1 – Not clear, please clarify what confirmation is expected by OIL here.	<i>On what capacity the Bidder is Quoting. As an EPC contracotor, or OEM or JV etc.</i>
166	Part 3 Section 1 General Condition of Contract	Clause 9.0 Goods and Service Tax Page no. 5 of 20	Sub-clause 9.4 Quoted price/rate(s) should be inclusive of all taxes and duties, except GST..... However, GST rate (including cess) to be provided in the respective places in the Price Bid.	Bidder is not clear about GST on supply portion of contract. Should the Supply price be including GST or excluding GST. If excluding GST, should bidder mention GST rate for supply portion in SOR? Bidder found that there is no provision to mention GST on supply in the SOR.	<i>The quoted rates shall be inclusive of all taxes and duties as applicable [including GST]. Bidder to indicate the applicable rates as per the SOR provision.</i>
167	Part 3 Section 1 General Condition of Contract	Clause 9.0 Goods and Service Tax Page no. 6 of 20	Sub-clause 9.5 Bidder should also mention the Harmonised System of Nomenclature (HSN) and Service Accounting Codes (SCA) in the designated places in SOR.	Bidder found that there is no provision to mention HSN code in the SOR. Please advise.	<i>Entry of HSN provisions will be incorporated as applicable.</i>
168	Part 3 Section III, Specification No. G – 0, Lead Specification	Clause 6.02.00 Mechanical Page no. G0:6	Sub-clause 6.02.01 ix) Sound attenuated enclosure common for three GEG units suitably designed for a residual sound pressure level of 75 dB (A) at 1 m under near field condition.	Bidder proposes to provide sound attenuation panel on the walls of engine/genset room. Please confirm your acceptance.	<i>Spec. clause shall be revised as: “Sound attenuation measures as required to meet specified noise criteria.”</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
169	Part 3 Section III, Specification No. G – 0, Lead Specification	Clause 6.02.00 Mechanical Page no. G0:7	Sub-clause 6.02.01 xiv) Fire detection and extinguishing system	Please elaborate on exact requirement of fire Extinguisher. Are these portable, gas / powder based or complete gas flooding type system with control panel and gas cylinders.	As per NIT Clarification : Refer clause No. 4.03.00 of document specification M-6 for details related to Fire Extinguishers & for all other requirement refer M-6(Specification for Fire Protection System)
170	Part 3 Section III, Specification No. G – 0, Lead Specification	Clause 6.03.00 Electrical Page no. G0:11	Sub-clause 6.03.13 Uninterruptible Power Supply System (UPS)	Bidder does not require UPS system for Genset Operations. DC Power is used for pre, post and running requirements of Genset. Please specify if OIL requires UPS supply, If yes, please provide rating.	As per NIT Clarification: UPS shall be provided for power supply to critical station loads
171	Part 3 Section III, Specification No. G – 0, Lead Specification	Clause 6.09.00 Construction Facilities Page no. G0:15	Sub-clause 6.09.03 Construction Power OIL shall provide construction power of 10 KW to the Contractor at an available voltage level at one suitable location within the plant boundary on chargeable basis	Please indicate applicable charges for construction power.	As per rates charged to OIL's external customers.
172	Part 3 Section III, Specification No. G – 0, Lead Specification	Clause 6.10.00 Termination Points Page no. G0:16	Sub-clause 6.10.01 Mechanical C Fire Fighting Water Fire-fighting water to be tapped from existing 150 NB hydrant main. D Nitrogen - To be supplied from the existing system at one point	C Please provide distance from tapping to proposed Genset room D please provide distance between existing nitrogen system and proposed Genset room.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
173	Part 3 Section III, Specification No. G – 0, Lead Specification	Clause 16.05.00 Absolute Guarantees Page no. G0:27	D. GEG Exhaust gas emission level at Stack outlet. The SO _x and NO _x in the exhaust gas shall be within the stipulations of the Central Pollution Control Board and State Pollution Control Board.	SO _x in exhaust gas is not guaranteed as it depends on Sulphur content in the inlet fuel gas. Please delete the requirement.	As per NIT Clarification: SOX shall be measured which shall correspond to actual sulphur content in fuel

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
174	Part 3 Section III, Specification No. G – 0, Lead Specification	Clause 16.05.00 Absolute Guarantees Page no. G0:27	16.05.01 E Noise Level Noise Level of all the major equipment shall not exceed 75 dB (A) at 1.0m distance (near field) and 60 dB(A) at 120m distance (far field) at a height of 1.5 m above ground during plant operation.	Please note equipment noise shall be more than 75 dB (A) at 1 m distance. For Gas Gensets and other equipment that are installed inside Genset room like Air Compressor, Noise should be measure at 1 m distance outside Genset room. Genset room shall be provided with Acoustic Insulation.	<i>Spec. clause shall be revised as:</i> “Noise Level of all the major equipment shall not exceed 75 dB (A) at 1.0 m distance (near field) from the building and 60 dB(A) at 120m distance (far field) from the building at a height of 1.5 m above ground during plant operation.”
175	SPECIFICATION NO. M5:- VENTILATION SYSTEM	Clause 2.00.00 Scope	Sub-clause 2.01.01 Centrifugal fan unit each complete with: Electrical drive motor, fan wheel with casing and support and required supporting structure, if any. b) Drive pulleys, V-belts, belt guards, slide rails etc. c) Vibration isolators (Cushy foot mount type), foundation bolts etc. d) connection with matching flanges. e) Dampers at the outlet	Bidder may use Axial Flow Fans based on ventilation system requirement and recommendations from OEM.	<i>As per NIT</i> <i>Clarification: Alternative design may be acceptable, subject to submission of proper technical justification by the bidder.</i>
176	Specification no M1 Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Clause 2.00.00 Performance Required Page no. M1:1	Sub-clause 2.08.00 The GEG Unit shall be designed for continuous operation (8760 hrs. per annum) at all loads under worst ambient conditions.	The proposed Gas Genset are designed for continuous and base load operation. However, there will be shut down to carry out preventive maintenance operation as per standard maintenance schedule of OEM.	<i>Standard maintenance schedule of OEM shall be allowed.</i>
177	Specification no M1 Gas	Clause 3.00.00	Sub-clause 3.01.06	As per recommendation from OEM of Gas Genset, Silence in the air	<i>As per NIT</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	engine generator (Doc. No. 18210-FND-SPC-G-0001)	Scope of supply Page no. M1:2	Inlet system comprises air inlet filter, ducts, silencers , expansion joints, access port, platforms, supports, lighting etc.	inlet system are not required and shall not be provided.	However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
178	Specification no M1 Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Clause 3.00.00 Scope of supply Page no. M1:2	Sub-clause 3.01.08 Lubricating oil system including main oil pump/s, pre-lubrication pump, HP oil pump if applicable for generator, 2 x100% oil coolers, duplex oil filters, pressure regulating device, lube oil sump, engine mounted lube oil tank, with manifolds and pumps for unloading lube oil from lube.....	1. As per standard design of OEM, lube oil filters are simplex type and 1x100% lube oil cooler is provided per engine. 2. Day Lube Oil Tank is not engine mounted. It is mounted on separate steel structure.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
179	Specification no M1 Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Clause 3.00.00 Scope of supply Page no. M1:3	Sub-clause 3.03.00 Instrumentation and Controls as detailed out in I&C Section: I-1.	Instrumentation and controls that are part of Gas Genset and it's standard accessories (Imported Portion) shall be as per OEM standard design, scope, specification and make. Please confirm your acceptance.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
180	Specification no M1 Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Clause 5.00.00 Design & Construction of gas engine generator and auxiliaries Page no. M1:4	Sub-clause 5.01.03 All filters / strainers shall have on line cleaning / self-cleaning facilities without shut down of the any equipment.	Filters that are post of Gas Genset and it's accessories (Imported scope) shall be as per OEM standard and without online cleaning / self cleaning facility.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
181	Specification no M1	Clause 5.00.00	Sub Clause 5.05.00 Lubricating Oil System 5.05.04	Lube oil cooler (LOC) shall be engine mounted and same shall be	As per NIT

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Design & Construction of gas engine generator and auxiliaries Page no. M1:7	Two (2) nos. oil coolers (one operating, one standby) shall be provided to cool the lubricating oil. The coolers shall be designed in accordance with TEMA Class-C or approved equivalent. The material of tubes shall be stainless steel TP-304. Material of tube sheets, water boxes, etc. shall be compatible with the fluid being handled. Each cooler shall have sufficient heat transfer surfaces for catering to the maximum heat load with 10% tubes plugged and 85% cleanliness factor.	one number per engine. Design, MOC and other specification of LOC shall be as per OEM's standard design.	<i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
182	Specification no M1 Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Clause 5.00.00 Design & Construction of gas engine generator and auxiliaries Page no. M1:7	Sub Clause 5.05.00 Lubricating Oil System 5.05.05 Duplex type filters with on line manual change over arrangement shall be provided.	Lube oil filter shall be simplex type as per OEM standard design.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
183	Specification no M1 Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Clause 5.00.00 Design & Construction of gas engine generator and auxiliaries Page no. M1:7	Sub Clause 5.05.00 Lubricating Oil System 5.05.07 Vapour Extraction System (in the engine oil sump) comprising 2x100% fans complete with piping leading to a safe height and with flame arresters shall be provided.	As per OEM standard design closed loop type crankcase ventilation system shall be provided. No. of fans shall be as per OEM design. Being closed loop system flame arrestor is not required and not provide in the system.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
184	Specification no M1	Clause 5.00.00	Sub Clause 5.05.00 Lubricating Oil System 5.05.08	MOC and other specification of Lube oil piping that is part of	<i>As per NIT</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Design & Construction of gas engine generator and auxiliaries Page no. M1:7	All integral lube oil piping downstream of filter shall be of stainless steel.	imported scope shall be as standard design of OEM.	<i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
185	Specification no M1 Gas engine generator (Doc. No. 18210-FND-SPC-G-0001)	Clause 5.00.00 Design & Construction of gas engine generator and auxiliaries Page no. M1:7 & 8	Sub Clause 5.07.00 Cooling water system The cooling water system pumps shall be of centrifugal with 100% redundancy. In case of engine driven CW pumps, redundancy is not required.	As per OEM standard design cooling water pumps shall be electric motor driven and redundancy is not provided.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
186	Specification No. M11_Painting-R0 (DOC NO. 18210-FND-SPC-G-001)	Clause 6.00.00 Inspection Page no. 6	Inspection - visual inspection of surface preparation; comparison basis: photo index given in the Swedish Standard SIS 055900.	Please provide equivalent Indian standard.	<i>Shall be finalized during detailed engineering.</i>
187	Forwarding Letter	Clause 2.0 Page 3 of 8	xvii) Duration of Contract: Main LSTK-EPC work: 19 (nineteen months) from the date of issue of Mobilization Notice Issuance of LOA.	Bidder requests to increase duration of contract up to 22 Months considering work involved in the LSTK contract.	<i>Amendment to BEC will follow</i>
188				Bidder requests to provide existing Earth Mat Layout of the plant.	<i>As per NIT</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
					Clarification: Available data/documents/drawings may be collected from site post award.
189	CDG3096P 20	Forwarding Letter		Since we are the existing registered vendors of Oil India , the mentioned bid security amount will it be exempted . <div> <div>Bid Security Amount</div> <div>:</div> <div>Rs. 141.50 Lakhs</div> </div>	NO. EMD/Bid Security is applicable as per the Tender.
190	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	2.07.00 PERFORMANCE REQUIRED	Selection of GEG equipment / component shall be as per hazardous area classification wherever applicable	Gas Genset will be located in Safe Area hence equipment will be selected as per Safe Area classification.	GEG Power Plant shall be located in safe Zone. Clarification: However, Bidder shall develop hazardous area classification drawing and provide equipment & protection accordingly
191	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.02.00 Enclosure	The GEG units shall be housed within a steel framed building with acoustic enclosure to attenuate noise emission. The acoustic enclosure shall be of standard and proven design and common for three GEG units.	GEG Sets will be provided in acoustic enclosure separate for each GEG. The acoustic enclosure will be individual for each GEG units.	Spec. clause shall be revised as: "The GEG units shall be housed within a steel framed building. The building shall be provided with insulated sandwich metal cladding for heat and sound insulation. Additional features, to meet the specified noise limits shall be provided, as required."
192	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	3.01.04	Load limiting device	Request OIL to confirm the function of load limiting device	Spec. clause shall be revised as: "Engine governing system with load limiting features, as applicable."
193	SPECIFICATION NO. M1 GAS ENGINE	7.02.02 Mechanical running test of the complete GEG unit	In case any auxiliary equipment cannot be tested along with the GEG the same shall be tested separately by simulated operation.	Engine along with Alternator will only be tested at manufacturer's work along with the auxiliary system available for testing in factory. Auxiliaries for this project will be	As per NIT Clarification: Auxiliaries which cannot be tested at Engine OEM's works may be tested at respective vendor's works.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	GENERATOR	along with its auxiliaries at manufacturer's works.		tested at respected manufacture's work and test reports will be provided.	
194	SPECIFICATION NO. M2 GAS CONDITIONING CUM FILTRATION SYSTEM	2.00.00 SCOPE OF SUPPLY/SERVICES	Skid mounted Gas Conditioning cum Filtration System (GFS) of capacity 357400 Sm ³ /day	We have considered the Gas conditioning skid capacity 357400 Sm ³ /day for 3 genset running.	As per NIT Clarification: Capacity of GFS mentioned, is considering requirement of existing GTGs and new GEGs
195	SPECIFICATION NO. M6 FIRE PROTECTION SYSTEM (EXTENSION)	2.01.01	Water for the fire protection system is proposed to be taken from the existing fire water hydrant main. However Bidder shall check the adequacy of existing Fire water pumping arrangement considering the number of hydrant points presently installed for fire protection of the existing power plant and facilities in line with TAC requirement and accordingly either extend the exiting fire hydrant main and/or add additional fire water pump/s to cater to the additional requirement for 3x 10 GEG plant and 2 x 14.45 MW existing GTG plant	Complete Plant lay-out showing the areas to be covered for Hydrant system in AutoCAD format for developing new pipe routes and Hydrant locations. The drawing no. NFE/WBS/1254/D014/R8 is showing only the existing hydrant area.	Refer to Corrigendum
196	SPECIFICATION NO. M6 FIRE PROTECTION SYSTEM (EXTENSION)	2.01.02	The existing fire protection system for 20.28 MW GTG plant comprising which will undergo extension / augmentation broadly consists of -- -----	Data sheets of Existing Fire Pumps with details of prime movers and Jockey Pump with details of Prime movers are required. In the absense of data sheets minimum following details would be required:- 1. Pump head at rated flow. 2. Pump Make and Model 3. Motor rating, speed and make 4. Diesel Engine Moadel, Make and	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				Power rating Oil is requesting to provide the same	
197	SPECIFICATION NO. M6 FIRE PROTECTION SYSTEM (EXTENSION)	2.02.00 Fire Detection and Alarm System	The existing control room of 20 MW GTG where operators & others plant personnel will be stationed for both GTG as well as GEG power plant shall be provided with fire detection system	Existing Control room drawing required in AutoCAD format along with the details of Fire Sensors presently located	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
198	SPECIFICATION NO. M6 FIRE PROTECTION SYSTEM (EXTENSION)	2.02.01	Existing 20.28 MW GTG Control room	Control room drawing showing the location and details of existing sensors required	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
199	SPECIFICATION NO. M6 FIRE PROTECTION SYSTEM (EXTENSION)	2.02.02	A central monitoring station in Control Room complete with computer based monitoring logic system, signal notification and recording system, remote multiplexing system, desks, panels, cabinets, displays, power supplies and all applicable accessories and auxiliary systems. For this purpose, main computer shall be utilized	The location of Main Fire Control Room to be specified	As per NIT Clarification : Fire control room is in the Main operator Control room of existing 20 MW GTG switchgear building
200	SPECIFICATION NO. M6 FIRE PROTECTION SYSTEM	6.07.01 Diesel Oil Day Tank	The tank will be vertical cylindrical type and will be of welded construction.	Diesel Day Tank shall be cubical type and will be of welded construction as per packager's design.	Shall be finalized during detailed engineering.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	(EXTENSION)				
201	G0	4.00.00 GAS ENGINE SPARES	The bidder shall provide the details of Gas Engine spares that will be required for running each GEG for 1,00,000 Running Hrs.	Request to confirm 100000 hrs running hours after 4 years or including 4 years (1 year Warranty Period + 3 Year).	<i>On this please be guided by the Corrigendum to SOR-4</i>
202	G0	22.07.00 : Lubricants, Servo fluids and Chemicals	Detailed specification for the lubricating oil, grease, chemicals etc. required for the complete plant shall be furnished. On completion of erection, a complete list of bearings/equipment giving their location, and identification marks etc. shall be furnished to the PMC/Company (OIL). Lubricant level indicators shall be marked to indicate proper level under both standstill and operating conditions. As far as possible lubricants and servo fluids as marketed by Indian Oil Companies shall be used. The variety of lubricants shall be kept to a minimum.	Lubricating oil, Grease, Chemicals & other consumables to be used are as per approved & recommended makes of OEM. If Indian Oil marketed Lubricants and fluids are available and in OEM's approved & recommended list, then we shall be able to use the same. OIL to clarify.	<i>As per NIT</i>
203	SPECIFICATION NO. E0 GENERAL – ELECTRIC AL	3.00.00 SPECIFIC REQUIREMENTS – ELECTRIC AL SYSTEM & LAYOUT CRITERIA 3.01.03	the new 11kV GEG Switchgear shall have outgoing feeders identical to that in the existing 11kV GTG-1/2 Switchgear	Request OIL to provide existing switchgear drawing of GTG 1,2 & 3	<i>As per NIT</i> <i>Clarification: Available data/documents/drawings may be collected from site post award.</i>
204	SPECIFICATION NO. E0 GENERAL – ELECTRIC AL	3.03.02 LPG Motor Starting:	The GEG, the Engine Governing system, Alternator sizing and the AVR shall be designed in a manner that with one (1) GEG running it shall be possible to successfully start OIL's largest load of LPG motor of rating 4500 HP, 0.85 pf, 213A full load current, 505A starting current. LPG Motor Starting is through auto-transformer: 11000 V primary, 7150-6600-6050 V secondary, vector group Yna0.	OIL to provide starting p.f of 4500 HP largest motor .	<i>As per NIT</i> <i>Clarification: Available data/documents/drawings may be collected from site post award.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
205	SPECIFICATION NO. E0 GENERAL – ELECTRIC AL	3.03.03 Energizing 10MVA 11/33kV	one (1) GEG running it shall be able to supply the inrush current of existing 10MVA 11/33kV transformer in the 11kV network	OIL is requested to provide complete details of the existing 10 MVA transformer including resistance and inductance values, peak inrush current value etc. for proper selection.	As per NIT Clarification: Available data/documents/drawings may be collected from site post award.
206	SPECIFICATION NO. E-1 SYNCHRO NOUS GENERATOR	3.00.00 SPECIFIC REQUIREMENTS	The synchronous generator shall be totally enclosed, horizontal shaft, once through air cooled type, driven by gas engine. The enclosure shall be IP-54 in accordance with IEC recommendation IEC-34.5 and cooling system shall be IC-81.	As the gensets will be installed inside civil building & in acoustic enclosure , as per standard practice we will provide IP 23 Alternator air cooled IC 01 .	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
207	SPECIFICATION NO. E-1 SYNCHRO NOUS GENERATOR	3.12.02 Parameters of Automatic Voltage Regulator	Control Power Supply : 110V D.C. (+)10% to (-) 15%	AVR does not require any external control power supply. OIL to clarify this requirement	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
208	SPECIFICATION NO. E-4 POWER TRANSFORMER	4.00.00 TESTS	4.01.07 Frequency Response Analysis test (This test shall also be undertaken by manufacturer at site after transformer is installed).	Frequency Response Analysis Test (SFRA) being a type test shall be carried out at OEM works only and not at site	Words “ (This test shall also be undertaken by manufacturer at site after transformer is installed). ” Stands is deleted
209	SPECIFICATION NO. E-9 PLANT AUXILIARY TRANSFORMER	1.00.00 DESIGN CRITERIA	2.05.00 The transformers shall be capable of withstanding the short circuit stresses due to a terminal fault on one winding with full voltage maintained on the other winding for minimum period of three (3) seconds	Transformer shall be capable of withstanding the short circuit stresses due to thermal fault on one winding withfull voltage maintained on the other winding fdr min period of 2sec.	Clarification Noted. Aux. Trafo. shall conform to relevant IS/IEC standard.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
210	SPECIFICATION NO. E-9 PLANT AUXILIARY TRANSFORMER	3.08.00 Marshalling Box	3.08.01 A sheet steel, IP54, marshalling box shall be provided for each transformer. The box shall contain all auxiliary devices except those, which must be located directly on the transformer.	Marshaling box protection shall be as per protection class of transformer. As per tender Transformer protection class is IP23 (cl.no. 3.01.01)	As per NIT Shall be finalized during detailed engineering.
211	SPECIFICATION NO. E-18 DIESEL GENERATOR SET	3.01.07 Sound level (in DBA)	90 DbA	As per CPCB norms with acoustic enclosure the noise level shall be 75 dBA at one meter under free field condition.	Spec. clause shall be revised as: "Sound level (in dBA) : Specified noise criteria, as per GO."
212	SPECIFICATION NO. E-18 DIESEL GENERATOR SET	3.02.01	Short circuit ratio not less than 0.5	Short circuit ratio shall be as per manufacturer standard.	Shall be finalized during detailed engineering.
213	SPECIFICATION NO. E-18 DIESEL GENERATOR SET	3.02.01	Insulation class (F)	Class F insulation is nowhere manufactured in India for LT machines. Hence as per OEM standard we have considered alternator with class H insulation with temperature rise limited to class F.	Acceptable
214	SPECIFICATION NO. I1 INSTRUMENTATION & CONTROL	a) SOx, NOx, CO, CO2, O2 & Moisture Analyzer	01. Type : In-situ Probe type combined analyser	The standard technology is extractive type in place of in situ type for measurement of emission parameters. This technology is support IR type sensor as required in tender specification. With Extractive type technology moisture measurement is not applicable. We have already supplied extractive	As per NIT Shall be finalized during detailed engineering.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				type CEMS system for Oil India projects	
215	SECTION - III PRICE SCHEDULE AND RATES FOR EPC CONTRACT	Notes for SOR-1, SOR-2 & SOR-3:	1. The quoted rate for supply items should be CIF price but excluding Customs Duty and GST. Customs Duty (if applicable) to be quoted in the specific space provided. Bidder to quote the applicable rate of GST along with SAC code in the SOR-Summary	Oil to clarify where to mention GST rate in Price schedule (SOR)	<i>Bidders are to quote their prices on destination basis considering applicable rate of Customs Duty. All responsibility of Import, Clearance and onward despatch to the site will be responsibility of the Contractor.</i> <i>As per the GST act, the project will fall under Works contract and hence one rate of GST will be applicable, as such SOR will be amendment to provide provisions to quote the applicable GST rate for the whole scope of work.</i>
216	SECTION - III PRICE SCHEDULE AND RATES FOR EPC CONTRACT	RICE SCHEDULE/ SCHEDULE OF RATES - 4 (SOR-4) GAS ENGINE SPARES REQUIRED UPTO 1,00,000 RHRS FOR EACH GAS ENGINE	Gas Engine Spares (including all the consumables) required upto 1,00,000 RHRS for each Gas Engine (post the period covered under SOR-2 and SOR-3), as declared by the OEM based on GEG running hours.	Whereas Page 44: Clause : 2.01.00 confirms " Spares details required considering each engine running hours of 1,00,000 Hrs after plant commissioning". OIL to clarify.	<i>On this please be guided by the Corrigendum to SOR-4</i>
217	SECTION - III PRICE SCHEDULE AND RATES FOR EPC	Notes for SOR-4:	The rates quoted towards the mandatory spares will be valid for next 25 years from the date of award of contract.	Generally, Each manufacturer/OEM ensures spares support for equipment supplied for a period of 15 years maximum.	<i>On this please be guided by the Corrigendum to SOR-4</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	CONTRACT				
218	SPECIFICATION NO. C0 (Doc No. 18210-FND-SPC-G-0001)	3.00.00 Scope of Supply and Services	General	We have noticed that for the area marked for storage room has an overhead line of 33 KV passing by. Hope storage space can be made irrespective of overhead 33 KV line.	<i>The overhead line of 33KV above new store building has already been dismantled by OIL.</i>
219	Spec C-0_General Civil & Structural		18210-DWG-M-0102_GEG building_RevC	Please provide the plan and section with detailed dimensions of the following for a better understanding: a) portion of the switch gear cum control (SWC) building that will be extended b) Elevator details of SWC building	<i>As per NIT Clarification: Available data/documents/drawings may be collected from site post award.</i>
220	Spec C-0_General Civil & Structural		Spec C-0_General Civil & Structural	Please provide details regarding fencing arrangement & gate size and highlight us the fencing perimeter that comes under our scope of work.	<i>As per NIT Clarification: Available data/documents/drawings may be collected from site post award.</i>
221	Spec C-0_General Civil & Structural		Spec C-0_General Civil & Structural	As per 3.13.00 of Spec-C "Outdoor cables will be routed through RCC cable trench. Outdoor piping will be routed above ground on pipe Sleepers and through pipe trenches at road crossings"-Please provide us details regarding cable trench route ,arrangement of cables & pipes, diameters etc.This will give us a better understanding about the no. of crossovers with road & the trench size.Please mention the stretches of underground piping.	<i>As per NIT Clarification: Available data/documents/drawings may be collected from site post award.</i>
222	PART 2 - BID Evaluation Criteria	C - COMMERCIAL – BID SUBMISSION	4 Bidder must include all liabilities and taxes including statutory liabilities but excluding GST. Applicable GST must be quoted in the SOR-Summary, which will be considered for evaluation of the bid.	There is no Provision to Quote GST on Material in the SOR Summary .Request OIL to let us know where to write GST Component applicable on Material.PI clarify	<i>The quoted rates shall be inclusive of all taxes and duties [including CD,GST etc.]. Bidder to quote the applicable GST rates in the SOR.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				whether OIL is treating this TENDER on WCT basis ? If yes than under which notification of GST and what shall be the rate of GST on such WCT ?	<i>As per the GST act, the project will fall under Works contract and hence one rate of GST will be applicable, as such SOR will be amendment to provide provisions to quote the applicable GST rate for the whole scope of work. Bidder to quote the rate based on the GST Act.</i>
223	PART 3 - SECTION III -PRICE SCHEDULE AND RATES FOR EPC CONTRACT	<u>Notes for SOR-1, SOR-2 & SOR-3:</u>	1. The quoted rate for supply items should be CIF price but excluding Customs Duty and GST. Customs Duty (if applicable) to be quoted in the specific space provided	Request OIL to plclarify : 1. what Shall be the customs duty applicable to oil 2. Can the Bidder do the High seas sales for the imported component 3. If High Seas Sales is allowed than How Customs Duty Shall be paid .Shall Customs Duty be directly paid by OIL or it shall be reimbursed to the Bidder against debit Note	<i>Since there is no exemption on CD in this project and hence CD will attract as per the merit, bidders are to check the CD provisions and quote their prices inclusive of CD.</i> <i>High Sea Sale – Not applicable for his tender.</i>
224	PART 3 - SECTION III -PRICE SCHEDULE AND RATES FOR EPC CONTRACT	<u>Notes for SOR-4</u>	1. The quoted rate should be CIF rate but excluding Customs Duty and GST. Bidder to quote the applicable Customs Duty in the specific field	Request OIL to plclarify : 1. what Shall be the customs duty applicable to oil 2. Can the Bidder do the High seas sales for the imported component 3. If High Seas Sales is allowed than How Customs Duty Shall be paid .Shall Customs Duty be directly paid by OIL or it shall be reimbursed to the Bidder against debit Note	<i>CD will attract as per the CD merit list</i> <i>High Sea Sale – Not applicable for his tender.</i>
225	<u>PART-1(Instructions to the Bidder (ITB)</u>	37.2 Calculation of LC and Reporting	37.2.1 In pursuance of the clause above, towards fulfillment of conditions pertaining to Local Contents in accordance with the value mentioned in the certificate of LC, the bidder shall have to submit additional Bank Guarantee (Annexure-C) equivalent to the amount of PBG.	Bidder is required to submit PBG also apart from ABG .Request OIL to remove condition of submission of additional Bank Guarantee towards fulfilment of conditions pertaining to Local Content	<i>If a bidder begs the contract on the strength of LC provisions, then only PBG towards LC provision to be payable.</i>
226	Annexure III (COMMER	1 .Bidding Structure	This Questionnaire duly filled in should be returned along with each copy of Un-priced	Should we bifurcate imported and local portion and write accordingly	<i>On what capacity the Bidder is Quoting. As an EPC contracotor, or OEM or JV etc. The status of the Bidder in the bidding.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	CIAL CHECKLIST)		Bid. Clauses confirmed hereunder should not be repeated in the Bid		
227	PART 1 ITB Document	24.4 EXCHANGE RATE RISK	Since Indian bidders are now permitted to quote in any currency and also receive payments in that currency. Company will not be compensating for any exchange rate fluctuations in respect of the services.	Request OIL to PI let us know can we Quote whole of the Project including Local Content in Foreign Currency and whether OIL will make the whole payment including local content value in Foreign Currency	Contract will be made on the basis of quoted currency and payment will be made in the same currency.
228	Annexure III (COMMERCIAL CHECKLIST)	Indicate SAC Code		Request OIL to let us know where to write HSN/SAC Code	Entry of HSN provisions will be incorporated as applicable.
229	Part-3 (SECTION 1)(GENERAL CONDITIONS OF CONTRACT)	9. GOODS AND SERVICES TAX	9.6.2 The input tax credit of GST quoted shall be considered for evaluation of bids, as per evaluation criteria of tender document.	PI clarify whether GST Output Quoted by Bidder on Taxable value of the bidder shall be considered for evaluation of bids ? If Yes then where to write GST applicable on material as there is no provision to Quote GST applicable on Material	Final GST to be quoted on the SOR summary sheet which will be considered for evaluation.
230	Part-3 (SECTION 1)(GENERAL CONDITIONS OF CONTRACT)	9. GOODS AND SERVICES TAX	9.7.2 The bids will be evaluated based on total price including GST.	PI clarify whether GST Output Quoted by Bidder on Taxable value of the bidder shall be considered for evaluation of bids ? If Yes then where to write GST applicable on material as there is no provision to Quote GST applicable on Material	Final GST to be quoted on the SOR summary sheet which will be considered for evaluation.
231	Part-3 (SECTION 1)(GENERAL	9. GOODS AND SERVICES TAX	9.12 ITC with respect to such payments is not available to OIL for any reason which is not attributable to OIL, then OIL shall be entitled to deduct/ setoff / recover such amounts against	Request OIL to change the clause as " If ITC is not available due to reasons attributable to the bidder	As per NIT Bidders can take ITC on their input project items against final quoted GST.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	<u>L</u> CONDITIO NS OF CONTRAC T)		any amounts paid or payable by OIL to Contractor / Supplier.	then OIL shall be entitled to deduct such amounts "	
232	Part-3 (SECTION 1) <u>(GENERA</u> <u>L</u> CONDITIO NS OF CONTRAC T)	9. GOODS AND SERVICES TAX	9.15 Further the Contractor Shall avail and pass on benefits of all exemptions/concessions available under tax laws. Any error of interpretation of applicability of taxes/ duties by the contractor shall be to contractor's account.	Request Oil to let us know exactly what are the exemptions /concessions available to OIL under Tax Laws including Customs and GST	No exemption.
233	Part-3 (SECTION 1) <u>(GENERA</u> <u>L</u> CONDITIO NS OF CONTRAC T)	9. GOODS AND SERVICES TAX	9.62 The input tax credit of GST quoted shall be considered for evaluation of bids, as per evaluation criteria of tender document.	PI clarify whether GST Output Quoted by Bidder shall be considered for evaluation of bids ? If Yes then where to write GST applicable on material as there is no provision to Quote GST applicable on Material	The quoted rates shall be inclusive of all taxes and duties. Bidder to indicate the applicable rates. Final GST to be quoted on the SOR summery sheet wich will be considered for evaluation.
234	Part-3 (SECTION 1) <u>(GENERA</u> <u>L</u> CONDITIO NS OF CONTRAC T)	9. GOODS AND SERVICES TAX	9.25 Procurement of Specific Goods: Earlier, there is no tax incidence in case of import of specified goods (i.e. the goods covered under List-34 of Customs Notification no. 12/2012- Cus dated. 17.03.2012 as amended). Customs duty is not payable as per the policy. However, under GST regime, IGST Plus GST compensation cess (if applicable) would be leviable on such imports. Bidders should quote GST as inclusive considering IGST component for the imported Materials portion while quoting their prices on destination basis. However, GST rate to be specified in the price bid format	PI let us know whether Customs Duty benefits like exemption in Custom Duty ,Deemed Export benefits are available against this contract vide Notification No 12/2012 .What document /Certificate from Which Authority OIL India Shall provide to GPIPL to get the customs exemptions and Deemed Export Benefits ?	No exemption for concessional duty or Deemed Export Benefit against this Tendered items.
235	Part-3 (SECTION	12. FORCE MAJEURE	Should 'force majeure' condition as stated above occurs and should the same be notified	Request OIL to clarify the text " no payment would apply after expiry of	This clause is applicable in case of regular nature of contracts where rental, day rate etc. are applicable

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	<u>1</u> (GENERAL CONDITIONS OF CONTRACT)		within seventy two (72) hours after its occurrence the 'force majeure rate' shall apply for the first ten days. Either party will have the right to terminate the contract if such 'force majeure' condition continues beyond fifteen (15) days with prior written notice. Should either party decide not to terminate the contract even under such condition, no payment would apply after expiry of fifteen (15) days period unless otherwise agreed to. Time for performance of the relative obligation suspended by the 'Force Majeure' shall then stand extended by the period for which such cause lasts.	fifteen (15) days period unless otherwise agreed to " in the paragraph 12.1 pertaining to Force Majeure	
236	Part-3 (SECTION 1) (GENERAL CONDITIONS OF CONTRACT)	14 SETTLEMENT OF DISPUTES AND ARBITRATION:	2. Clause 2 of PARAGRAPH 14 OF GCC says that in case of dispute ,if the claim amount is less than Rs 5 Crore than there shall be sole Arbitrator appointed by OIL	Request OIL to keep Arbitration condition as that in case of Dispute ,if claim amount is less than Rupees five Crore than appointment of One Arbitrator by each party and the 3rd Arbitrator, who shall be the presiding Arbitrator, by the two Arbitrators.	Arbitrator appointment will be done with the consent of both the parties.
237	Part-3 (SECTION 1) (GENERAL CONDITIONS OF CONTRACT)	14 SETTLEMENT OF DISPUTES AND ARBITRATION:	4. Parties agree that there will be no objection if the Arbitrator appointed holds equity shares of OIL and/or is a retired officer of OIL/any PSU. However, neither party shall appoint its serving employees as arbitrator .	Request OIL to delete this clause as even Indian Arbitration and Conciliation act 2019 says that Arbitrator should not be related to any party and Act has prescribed Qualifications of the Arbitrator and the said Arbitrator shall be either Lawyer or Chartered Accountant or Cost Accountant or person having the technical qualification and requisite experience	Arbitrator appointment will be done with the consent of both the parties.
238	II. Part 1-ITB Document Clause No.	12.2	MSEs Units (manufacturers/Service Providers only and not their dealers/ distributors) who are already registered with District Industry Centres or Khadi & Village Industries	We are an EPC company in Gas & Liquid fuel Genset based power generation Plants. We are registered with District Industries	As per Tender requirement, the bidder should be registered under Udyog Aadhaar for the same services.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	12 : EXEMPTION FROM SUBMISSION OF BID SECURITY		Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are exempted from payment of Bid Security (EMD) irrespective of monetary limit mentioned in their registration, provided they are registered for the item they intend to quote/participate.	Center, Gautam Budh Nagar (Entrepreneur Memorandum No. : 090102207914 Part – II / 2013) as Small Scale Industries (SSI) for following services:1) Technical/consultancy services n.e.c.2) Sales, Maintenance & Repair Services n.e.c.3) Electrical Designing Services4) Repair and Maintenance of electric motors, generators and transformers.We are also registered with MSME (UdhyogAadhar No. UP28B0007771) under the Ministry of MSME for following categories.1) 33200 - Installation of industrial machinery and equipment2) 35103 - Electric power generation by non-coal based thermal (e.g. diesel, gas)3) 71100 - Architectural and engineering activities and related technical consultancy4) 77301 - Renting and operational leasing, without operator, of other machinery and equipment that are generally used as capital goods by industries5) 77309 - Renting and leasing of other machinery and equipment n.e.c. without operator.We request OIL to confirm our exemption from the payment of tender fee, Bid Security (EMD) and also the consideration of our bid under the Public Procurement Policy.We are enclosing herewith following documents for your kind perusal.1) DIC Certificate2)	

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
				UdhyogAadhar issued by MSME3) ISO Certificate4) Copy of PAN Card	
239	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	2.00.00 PERFORMANCE REQUIRED	2.11.00 Exhaust of each GEG unit shall be provided with necessary metallic flue with outside insulation.	We understand 'necessary metallic flue' means MS ERW pipe for exhaust of GEG. OIL to confirm.	As per NIT Clarification : This refers to the exhaust chimney.
240	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	3.00.00 SCOPE OF SUPPLY	3.01.08 Lubricating oil system including main oil pump/s, pre-lubrication pump, HP oil pump if applicable for generator, 2 x100% oil coolers, duplex oil filters, pressure regulating device, lube oil sump, engine mounted lube oil tank, with manifolds and pumps for unloading lube oil from lube oil drums	Oil cooler shall be single as per OEM standard. Lube oil tank shall be separate. Engine mounted lube oil tank is not applicable .	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
241	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.00.00 DESIGN & CONSTRUCTION OF GAS ENGINE GENERATOR AND AUXILIARIES	All filters / strainers shall have on line cleaning / self-cleaning facilities without shut down of the any equipment.	Engine related filters & strainers which are under continuous operation shall be cleaned during engine maintenance only as per maintenance schedule.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
242	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.00.00 DESIGN & CONSTRUCTION OF GAS ENGINE GENERATOR AND AUXILIARIES	Two (2) nos. oil coolers (one operating, one standby) shall be provided to cool the lubricating oil. The coolers shall be designed in accordance with TEMA Class-C or approved equivalent. The material of tubes shall be stainless steel TP-304	Oil cooler shall be single as per OEM standard. MOC of the Oil cooler shall be as per OEM standard. .	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
243	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.00.00 DESIGN & CONSTRUCTION OF GAS ENGINE GENERATOR AND AUXILIARIES	5.05.07 Vapour Extraction System (in the engine oil sump) comprising 2x100% fans complete with piping leading to a safe height and with flame arresters shall be provided.	We understand the vapour extraction system means the crankcase ventilation system. Crankcase ventilation system shall be as per OEM design with single Fan and the discharge is directed to combustion air inlet pipe as per OEM design. OIL to confirm	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
244	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.00.00 DESIGN & CONSTRUCTION OF GAS ENGINE GENERATOR AND AUXILIARIES	5.05.08 All integral lube oil piping downstream of filter shall be of stainless steel.	Please note that the lube oil module will be supplied by engine manufacturer and internal piping within the module as per OEM standard. We can provide stainless steel pipe for lube oil outside the module for interconnection with gas genset. OIL to confirm.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
245	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.00.00 DESIGN & CONSTRUCTION OF GAS ENGINE GENERATOR AND AUXILIARIES	5.06.00 Pre-lubrication Provision for manual pre lubrication facility shall be considered to start the GEG under total black out condition as per the standard design of Engine OEM	There is no provision for manual pre lubrication facility as per OEM standard. There is separate electrically operated pre lube pump which will operate automatically during starting & stopping of engine.	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
246	SPECIFICATION NO. M1 GAS ENGINE GENERATOR	5.00.00 DESIGN & CONSTRUCTION OF GAS ENGINE GENERATOR AND	5.07.00 The coolers / heat exchangers and filters shall have 100% redundancy.	Engine cooling circuit design is with single cooler/ heat exchanger for each Genset as per OEM standard design .	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
		AUXILIARIES			
247	SPECIFICATION NO. E-1 SYNCHRO NOUS GENERATOR	3.03.07 Capacity with one Cooler out of Service	The generator shall be capable of delivering the rated output continuously without the specified temperature rise exceeded with one cooler section out of service for maintenance.	This will be air cooled as per OEM standard.	As per NIT Clarification :This clause shall not be applicable for air-air type of cooling for generator
248	SPECIFICATION NO. E-1 SYNCHRO NOUS GENERATOR	3.05.05 Rotor Winding	a) Rotor winding shall be secured in the slots by suitable slot wedges and fillers. The overhung portion of rotor winding shall be held in position against centrifugal force by retaining rings.	Rotor Winding as per OEM standard.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
249	SPECIFICATION NO. M3 COMPRESSED AIR SYSTEM	2.00.00 GENERAL INFORMATION	2.05.00 Cooling module with Fin Fan units and overhead expansion tank shall be provided for the purpose exchanging heat from primary cooling water circuit for intercooler, after cooler and other coolers if any.	The starting air compressor should be air cooled . Oil to confirm	As per NIT Clarificaion: M3 section refers to compressed air system for the plant
250	SPECIFICATION NO. M3 COMPRESSED AIR SYSTEM	3.00.00 CODES AND STANDARDS	API-661 - Air Cooled Heat Exchanger	For Air Compressor cooling no heat exchanger is required.	As per NIT Clarificaion: M3 section refers to compressed air system for the plant
251	SPECIFICATION NO. M3 COMPRES	4.00.00 DESIGN AND CONSTRUCTION	4.01.01 Each air compressor shall be oil less, heavy duty reciprocating type driven by electric motor. The compressor design shall ensure completely oil free air	Compressor shall have lubrication oil for piston. However we shall provide coalescing filter in the air supply line to remove oil and any other contamination fromm the air.	As per NIT Clarification: Alternative design may be acceptable, subject to submission of proper technical justification by the bidder.

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
	SED AIR SYSTEM			OIL is requested to accept the same.	
252	Section-II 18210_EP C Spec_Civil Specs	18210-FND-SPC-G-0001, Cl. No 4.01.05	$K_1 = 1.08$, $K_2 = 1.12$, $K_3 = 1.0$, $K_4 = 1.0$	The value of K_2 mentioned is for height of structure = 30m. However, for designeing, K_2 will be varied based on height of structure.	<i>K_2 shall be taken as per IS: 875 part 3 considering height of structure.</i>
253	Section-II 18210_EP C Spec_Civil Specs	18210-FND-SPC-G-0001, Cl. No. 6.06.00	High strength friction grip bolts shall be used for all bolted connections.	We suggest use of high strenth bearing bolts for Beam to beam shear, plan bracing and vertical bracing connections. And, use of high strenth friction grip bolts for beam to column shear and moment connections	<i>Main frame connections in transverse and longitudinal direction shall be of friction grip bolts and others will be of bearing type bolted connections.</i>
254	Part 3 B Section II H BOOK 1 OF 6 Specificatio n no. M1 GAS GENSET	3.01.01	Acoustic Treatment	Acoustic Room Treatment can be provided on steel frame building suitbale for noise reduction of 25 dBA as per CPCB norms under free field condition.	<i>Words "engine acoustic enclosure" is deleted.</i>
255	Part 3 B Section II H BOOK 1 OF 6 Specificatio n no. M1 GAS GENSET			CW system shall be Cooling Tower / Adiabatic Rad cool	<i>As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
256	Part 3 B Section II H BOOK 1 OF 6 Specificatio n no. M1 GAS GENSET	3.01.13	Generator Air discharge	Air inlet / discharge shall be provided as per manufacturer's design standard	<i>As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
257	Part 3 B Section II H BOOK 1 OF 6 Specification no. M1 GAS GENSET	5.02.01	Steel framed GEG Building	Acoustic Room Treatment can be provided on steel frame building suitable for noise reduction of 25 dBA as per CPCB norms under free field condition.	<i>Spec. clause shall be revised as:</i> "The GEG units shall be housed within a steel framed building. The building shall be provided with insulated sandwich metal cladding for heat and sound insulation. Additional features, to meet the specified noise limits shall be provided, as required."
258	Part 3 B Section II H BOOK 1 OF 6 Specification no. M1 GAS GENSET	5.05.03	Oil Sump	Wet type Sump is provided as per manufacturer's design standard	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
259	Part 3 B Section II H BOOK 1 OF 6 Specification no. M1 GAS GENSET	5.05.07	Vapour Extraction system	Vent system as per manufacturer's design standard	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>
260	SPECS M3 : Compressed Air System	4.02.00	Aftercooler	Compressors are Dry Air cooled type	<i>As per NIT</i> <i>Alternative design may be acceptable, subject to submission of proper technical justification by the bidder.</i>
261	Part 3 B Section II N Book 2 of 6 Specs E0	3.03.00	Operation & control	Please provide us Load List & sequence of operation to enable us to confirm the parameter. Let's know the TVD allowable	<i>As per NIT.</i> <i>Clarification: Available data/documents/drawings may be collected from site post award.</i>
262	Specs E1 : Synchronous Generator	3.01.01	Enclosure	It will be IP23 with IC01 Natural Air cooled	<i>As per NIT</i> <i>However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
263	Specs E1 : Synchronous Generator	3.05.02	Stator Core	Stator core cooling is IC01 Natural air cooled as per manufacturer's design standard	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
264	Specs E1 : Synchronous Generator	3.05.06	Bearing	It is self lubricated sealed bearing as per manufacturer's design standard.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
265	Specs E1 : Synchronous Generator	3.05.07	Slip Rings	Alternator is Self Excited Self regulated type, hence slip rings are not applicable.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
266	Specs E1 : Synchronous Generator	3.07.01	Ventillation & cooling	Stator core cooling is IC01 Natural air cooled as per manufacturer's design standard	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
267	Specs E1 : Synchronous Generator	3.08.00	RTD/BTD	These are 2 nos per phase , hence 6 nos RTD & 2 nos BTD. Design as per manufacturers standard.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
268	Specs E1 : Synchronous Generator	3.09.03.c	Excitation Cubicle	Alternator is Self Excited Self regulated type, hence no cubicle provided.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
269	Specs E1 : Synchronous Generator	3.10.03	Excitation system	Excitation system design as per manufacturer's standard.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
270	E18 : Diesel Generator Set	3.01.07	Sound level	DG set shall be provided with Acoustic Canopy to meet 90dBA sound level under free field condition	Spec. clause shall be revised as: “Sound level (in dBA) : Specified noise criteria, as per G0.”

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
271	E18 : Diesel Generator Set	3.01.10	Engine instrumentation	Engine instrumentation shall be as per manufacturer's design standard only.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
272	E18 : Diesel Generator Set	3.01.12	Charger	It will be SMPS type MOSFET design	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
273	E18 : Diesel Generator Set	3.02.01	Generator	It will be H insulation	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
274	E18 : Diesel Generator Set	3.02.09	AVR	This will be integral part of Engine PCC panel.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
275	Section I : Instrumentation & Control	2.00.00	Control	Engine control & instrumentation system shall be design as per manufacturer's design standard.	As per NIT However, alternative design may be acceptable if declared as proprietary and adequate, by the OEM.
276	SPECIFICATION NO. E-0 GENERAL - ELECTRICAL	2.10.02	For the purpose of designing the electrical equipment and systems site ambient temperature shall be considered as 50 deg.C.		Spec. clause shall be revised as: For the purpose of designing the electrical equipment and systems site ambient temperature shall be considered as 50 deg.C and relative humidity shall be considered as 95%.
277	Section III-SCC & G0_Lead_R6	14.05.00	DURING THE FAT, BIDDER'S GUARANTEE WITH RESPECT TO THE FOLLOWING PARAMETERS, UNDER ISO CONDITIONS, SHALL BE VERIFIED AT OEM'S WORKS a) Gross Electrical Power Output at Generator terminal		The clause "c) Specific Lube oil consumption at Gross Electrical Power Output" stands deleted

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
			b) Heat Rate at Gross Electrical Power Output c) Specific Lube oil consumption at Gross Electrical Power Output		
278	Section III-SCC & G0_Lead_R6	14.08.00	<p>THE GEG UNIT SHALL BE ACCEPTED ONLY IF THE RESULTS OF THE FAT ARE WITHIN ACCEPTABLE VALUES, AND VALUES OF THE FOLLOWING PARAMETERS FALL WITHIN THE RANGE AS SPECIFIED BELOW FOR BOTH UNDER ISO CONDITION AS WELL UNDER SITE CONDITIONS (BASED ON EXTRAPOLATION) :</p> <p>a) Gross Electrical Power Output at Generator terminal under ISO condition is not below 100% of the guaranteed value.</p> <p>b) Extrapolated value for Gross Electrical Power Output under site condition <i>minus</i> Declared Auxiliary Power Consumption, is not below 100% of the guaranteed Net Exportable Electrical Power Output at site condition.</p> <p>c) Heat Rate at Gross Electrical Power Output is not above 105% of the guaranteed value.</p> <p>d) Specific Lube oil consumption at Gross Electrical Power Output is not above 105% of the guaranteed value.</p>		<i>The clause “d) Specific Lube oil consumption at Gross Electrical Power Output is not above 105% of the guaranteed value”-----stands deleted</i>

SI No. (2)	Tender Section number (3)	Tender Reference Clause number (4)	Tender Requirement (5)	Bidder's Query/Clarification (6)	Response from OIL/DCPL (7)
279	Section III-SCC & G0_Lead_R6	ATTACHMENT-A: 2.01.00	<p>Gas Engine Spares</p> <p>Engine spares(including all the consumables) that will be required post 4 years LTMS shall be declared by the Contractor and substantiated with OEM's Published Maintenance Catalogue for that particular Model, considering each engine running hours of 1,00,000 Hrs after plant commissioning. Detailed list shall include rates along with annual price escalation, if any and shall be duly validated/endorsed by the OEM. Separate Purchase Order for these will be placed by OIL as per requirement.</p>		<p>Clause 2.01.00 to be read as :</p> <p>Gas Engine Spares</p> <p>Gas Engine spares (including turbocharger spares and all the consumables) that will be required post 4 years LTMS shall be declared by the Contractor and substantiated with OEM's Published Maintenance Catalogue for that particular Model, considering each engine running hours of 1,00,000 Hrs after plant commissioning. Detailed list shall include rates and shall be duly validated/endorsed by the OEM. Separate Purchase Order for these will be placed by OIL as per requirement</p>
280	Section III-SCC & G0_Lead_R6	2.02.00 b)	This comprehensive list of spares will mandatorily include all the consumables (e.g lube oil replacement, filters etc) recommended & vetted by Engine OEM for 1,00,000 RHRS.		<p>The clause to be read as :</p> <p>This comprehensive list of spares will mandatorily include Turbocharger spares and all the consumables (e.g lube oil replacement, filters etc) recommended & vetted by Engine OEM for 1,00,000 RHRS.</p>
281		2.02.00 c)	In addition to above list of spares, the list shall include spares required for at least one major overhaul of each engine.		<p>The clause to be read as :</p> <p>This spares list shall include spares required for at least one major overhaul of each engine.</p>