

REPLIES TO PRE BID QUERIES LOT-10 Dated 27.05.2026

NIT No: PNMM/PC-217/E/001 dated 10.10.2025

COAL GASIFICATION PLANT FOR GENERATING SYNTHETIC NATURAL GAS (SNG) AT BARDHAMAN

S.No.	NIT Part	Section	Page No.	Clause No.	NIT Specification	Bidders Query	PDIL/Owner reply
1	PC217/E/001/P-II/SEC-1.0	SECTION – 4.0	36of 1178	2.4.1	Offsite storage facility (shaded with proper concrete dyke) shall be provided by LSTK CONTRACTOR. Provision of space for future installation of full capacity Pastillation Unit shall be considered	Bidder presume the future installation shall be of similar capacity of the proposed plant.	Bidder understanding is correct
2	PART II: Technical	SECTION – 4.0 DESIGN BASIS	4 of 17	2.2.7	The technical proposal from the bidders shall be based on following two design cases: 1.Design case (PDC case) 2. Equipment Design Case (EDC case)EDC design case has been specified with 20% overdesign margin on PDC case. Gasification Plant shall be designed for EDC case.	We request client to please confirm the following: Whether Plant Design is to be done for PDC case * 1.2	Refer cl. No. 2.1.3 of Section 8.0 (Performance and Guarantee Test) of Technical part of NIT.
3	PART II: Technical	SECTION – 2.0 RAW MATERIAL, PRODUCT & UTILITY SPECIFICATIONS	8 of 9	4.1 SPECIFICATION OF PRODUCT	PURIFIED SYN GAS (CO+H2)	We request Client to please explain the difference between Purified Syn gas , Effective Syn Gas & Syn Gas.	1. Syngas produced after the Purification section is the purified syn gasa.. 2. Effective- when Syngas is define in terms of (CO+H2) it is effective Syn gas.
4	PART II: Technical	SECTION – 2.0 RAW MATERIAL, PRODUCT & UTILITY SPECIFICATIONS	8 of 9	4.1 SPECIFICATION OF PRODUCT	PURIFIED SYN GAS (CO+H2)	(Feed stock for the production of Synthetic Natural Gas) shall be produced in the Coal Gasification Plant. We request Client to please confirm whether it is in LSTK-1 bidder scope.	Refer Sec. 3.0 (Contractor's Scope of Work) of Technical Part of NIT.
5	PART II: Technical	SECTION –1.0 DESIGN PHILOSOPHY- ASH HANDLING SYSTEM SLAG (BOTTOM SLAG) REMOVAL & SLAG FINES REMOVAL	21 & 22 of 23	7.1 SLAG (BOTTOM SLAG) REMOVAL 7.2 SLAG FINES REMOVAL	Finally, bottom slag received from conveyor shall be transferred to hopper at gasification area or to hopper at ash/slag pond area for dispatch outside by dumper/truck. Ash/slag pond is not under LSTK contractor's scope Hopper (one dedicated to one conveyor stream) near the ash/slag pond area shall have provision to load the bottom ash into truck as well as into Ash/ Slag Pond. Slag fines shall be transported to storage hopper at gasification area or to ash/slag pond with help of Dumper/truck.	As per our technology provider, slag is generated below the gasifier and discharged through the SDCC (Submerged Drag Chain Conveyor) up to the nearest designated point at silo (8 hours storage). Further slag disposal through trucks will be handled by the Owner. Similarly, fly ash generated from the process will be transferred to the nearest silo (24 hours storage). Further disposal from the silo through trucks will be handled by the Owner. TKIL do not recommend locating any ASH POND / DYKE at nearby premises, which may contaminate the coal (in coal stockpiles / conveying system). Please confirm.	Bidder to follow the NIT i.e Slag generated from the process shall be transferred to hopper/silo within gasification area or to be transferred to hopper/silo at ash/slag pond area to discharge at pond or to load dumper/truck. Fly ash generated from the process shall be transferred to the storage silo for dispatch outside by closed truck/dumper. Bidder to furnish provision only in the silo to connect with pneumatic ash handling system from the silo. Ash Pond within the plant area shall be for slag and ash slurry. Also, coal storage area is of fully closed type. Thus, contamination is not envisaged.

7	-	Drg: PC217-0000-0001	1 of 1		Offsite facilities	For bid clarity, Bidder has presumed all offsites facilities identified in the plant layout shall be part of other package (not in LSTK-1 vendor), expect material handling plant, Gasification plant, SRU & Sulphur storage. Kindly re-confirm.	Refer Sec. 3.0 (Contractor's Scope of Work) of Technical Part of NIT.
10	Design Philosophy- Civil and Structural	Section 5.5	25 of 254	2.2.4	A minimum of two staircases and two exits per floor shall be provided in each building. Width of passage / corridor shall not be less than 1500 mm.	TKIL assumes that this clause is applicable only for buildings having more than 500 m ² ground covered area (Cl. 2.5.16, page 35 of 254) i.e. If L x B of building is more than 500 m ² . Then that building will have two No. of staircases. Kindly confirm.	The requirement of providing a minimum of two staircases and two exits per floor shall be governed by the project specification and applicable safety codes, and shall not be limited solely to buildings having more than 500 m ² ground coverage. Hence, the provision of two staircases shall be ensured based on occupancy, building usage, and statutory fire and safety requirements, irrespective of the building area criteria referred to. Further details shall be reviewed and approved during detailed engineering.
11			34 of 254	2.5.9	Parapets shall be of RCC for all buildings with minimum 500 mm high for non-approachable roof and 1100 mm high for approachable roof.	TKIL request to inform whether the roofs of buildings are flat RCC roof as per this clause or sloped roofs with roof sheeting.	Generally RCC Buildings shall be provided with flat RCC roofs. Accordingly, RCC parapets shall be constructed as per the specification, with a minimum height of 500 mm for non-approachable roofs and 1100 mm for approachable roofs.,However if there is special technical requirement of the sloped roof ,sam may be considered,
12			101 of 254	6.1.4	Steel staircases shall have minimum clear width of 750 mm and maximum slope of 41 degree.	The clause 2.5.16 page 36 of 254 states that minimum width for staircase shall be 1500 mm. TKIL request to inform the minimum width of staircase is to be adopted. Usually, it is 1000 mm.	The requirements mentioned in Clause 2.5.16 (minimum 1500 mm width) are applicable to main staircases intended for regular building access, occupancy movement, and emergency egress. The specification stating a minimum clear width of 750 mm for steel staircases shall be applicable to secondary, service, or access staircases (e.g., for maintenance, equipment access, etc.). Accordingly, the minimum staircase width shall be adopted based on the functional requirement: 1500 mm for main staircases 750 mm (minimum) for steel service/access staircases.
						TKIL request to inform following for CHP area.	

13					<p>a) Type of walkway in conveyor galleries. 6 mm O/P chequered plate or 25 mm thick HDG gratings.</p> <p>b) Any windows to be provided in conveyor galleries or continuous 500mm opening slot is to be provided on side sheeting.</p> <p>c) In case of transfer towers, floor supporting drive</p>	The point shall be referred to in conjunction with Clause 6.7 of the NIT, as mentioned on Page 105 of 254. However, for complete understanding and clarity, the NIT document shall be read and construed in its entirety.
14	Main Document	Sub Document / File		Technical data	Bidders Query	PDIL/Owner reply
15	General	PC217/E/001/P-II/ SEC-5.5		Plot map and contour survey drawing	TKIL request PDIL to provide the AutoCAD format Topographical Survey drawing as same is missing.	already attached topographical report with published tender for reference
16	General	PC217/E/001/P-II/ SEC-5.5		Fairly graded land shall be provided to contractor	TKIL considers the Micro grading scope shall be +/- 0.3m and area grading is excluded from TKILs scope . PDIL to confirm	Bidder understanding is correct
17	General	PC217/E/001/P-II/ SEC-5.5		Plot map and contour survey drawing	TKIL request PDIL to provide the details of the Existing overground/ underground structures / facilities if any.	Fairly graded land shall be provided to SUCCESSFUL BIDDER /contractor, however tender condition shall prevail.
18	General	PC217/E/001/P-II/ SEC-5.5		Plot map and contour survey drawing	TKIL request PDIL to provide flood level / HFL data and site drainage pattern.	The point shall be referred to in conjunction with Clause 1.2 of the NIT, as mentioned on Page 7 of 254. However, for complete understanding and clarity, the NIT document shall be read and construed in its entirety.
19	General	PC217/E/001/P-II/ SEC-5.5		U/G structures shall be painted with two coats of Bitumen paint	TKIL considered bitumen paint for substructure foundations but for superstructures additional protective paint is not considered. PDIL to confirm	Refer NIT clause 5.10.6 mentioned in page 98 of 254. However, for complete understanding and clarity, the NIT document shall be read and construed in its entirety.
20	General	PC217/E/001/P-II/ SEC-5.6			TKIL request PDIL to confirm scope & battery limits for main plant Road & drains execution scope.	Refer NIT clause 1.60,1.10, 2.3.1 mentioned in page 52 of 254 & separate technical specification .However, for complete understanding and clarity, the NIT document shall be read and construed in its entirety.
21	General	PC217/E/001/P-II/ SEC-5.7			TKIL consider that overground & underground dismantling or relocation is in PDIL scope. PDIL to confirm.	Refer NIT clause 2.14 mentioned in page 63 of 254 & separate technical specification .However, for complete understanding and clarity, the NIT document shall be read and construed in its entirety.
22	General	PC217/E/001/P-II/ SEC-5.8		Existing Piles if any needs to be adjusted while making new pile	TKIL request PDIL to provide the existing structure pile layout drawing	Refer NIT clause 2.14 mentioned in page 63 of 254 & separate technical specification .However, for complete understanding and clarity, the NIT document shall be read and construed in its entirety.

23	General	PC217/E/001/P-II/ SEC-5.9		Getting approval from various documents through various authorities	TKIL request PDIL to inform that labor statutory compliance shall be considered. Any other project approval related clearances from authorities shall be in PDILs scope. PDIL to confirm.	All the statutory compliance related to the Labour,wages PF etc are the responsibility of LSTK contractor 'scope
24	General	PC217/E/001/P-II/ SEC-5.10			TKIL request PDIL to provide the architectural specifications (finishes, materials, standards).	Refer "Annexure-1 of NIT ,page "16 to 64 of 254".However, for complete understanding and clarity, the NIT document shall be read and construed in its entirety.
25	General	PC217/E/001/P-II/ SEC-5.11			TKIL requests PDIL to provide detailed battery limit drawings with coordinates and elevations for roads/ drains / sewer lines etc.	SHALL BE FINALIZED DURING DETAILED ENGINEERING
26	General	PC217/E/001/P-II/ SEC-5.12			TKIL request PDIL to confirm the list of non plant buildings & sizes to be considered in LSTK-1 package	Refer plot plan for tentative size.
27	General	PC217/E/001/P-II/ SEC-5.14			TKIL request PDIL to Confirm load transfer responsibility at interfaces.	SHALL BE FINALIZED DURING DETAILED ENGINEERING
28	General	PC217/E/001/P-II/ SEC-5.15			TKIL request PDIL to confirm availability of Site office, Storage yard, Fabrication yard , Batching Plant labor colony within plant premises.	Site office, Storage yard, Fabrication yard and Batching Plant under the bidder scope and arrange by itself. labor colony within plant premises is not permissible.
29	General	PC217/E/001/P-II/ SEC-5.16			TKIL request PDIL to confirm that Commissioning Power shall be provided free of cost to TKIL.	Power shall be provided on chargable basis.
30	General	PC217/E/001/P-II/ SEC-5.17			TKIL request PDIL to confirm that Commissioning manpower by PDIL only supervision by TKIL	Commissioning under the bidder scope
31	General	PC217/E/001/P-II/ SEC-5.18			TKIL request PDIL to confirm that Operation & maintenance is excluded or included and only supervision for 6 months in included	Refer NIT scope
32	General	PC217/E/001/P-II/ SEC-5.19			TKIL request PDIL to confirm that requirement of 3D modelling and isometric submissions for civil interface.	Refer NIT scope
33	General	PC217/E/001/P-II/ SEC-5.20			TKIL request PDIL to confirm the applicability of minimum wages State/ Central	All the statutory compliance related to the Labour,wages PF etc are the responsibility of LSTK contractor 'scope
34	General	PC217/E/001/P-II/ SEC-5.21			TKIL request PDIL to clarify any constraints on construction sequence or working hours	Bidder may visit to site for determining actual site condition and quote accordingly.
35	General	PC217/E/001/P-II/ SEC-5.22			TKIL request PDIL to clarify Clash with existing utilities? Existing drawings not provided	Bidder may visit to site for determining actual site condition and quote accordingly and refer attached plot plan

36	General	PC217/E/001/P-II/ SEC-5.23			TKIL request PDIL to confirm the Coal stockpile base preparation specifications. TKIL has considered compacted base . PDIL to confirm.	Fairly graded land shall be provided to SUCCESSFUL BIDDER /contractor, however tender condition shall prevail.																						
S.No.	NIT Part	Section	Clause No.	NIT Specification	Bidders Query	PDIL/Owner reply																						
37		Part - II : Technical Section-13		Number of design cases to be considered	<p>Please confirm the number of design cases to be considered in licensor's design package.</p> <table border="1"> <thead> <tr> <th>Design Case</th> <th>CO+H₂ from Gas Purification, Nm³/h</th> <th>CO+H₂ from Gasification Unit, Nm³/h</th> <th>Coal Spec</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1.Process Design Case (POC)</td> <td>336,000</td> <td>340,000</td> <td>20 w% ash at air dry basis</td> <td rowspan="4">Coal spec provided in 'Corrigendum111 02.01.2026.pdf' document will be adjusted to reflect 20% ash content on ad basis.</td> </tr> <tr> <td>2. Equipment Design Case (EDC-120%)</td> <td>403,200</td> <td>408,000</td> <td>20 w% ash at air dry basis</td> </tr> <tr> <td>3. POC (110%)</td> <td>369,600</td> <td>374,000</td> <td>20 w% ash at air dry basis</td> </tr> <tr> <td>4. Turndown Case (TDC-50%)</td> <td>168,000</td> <td>170,000</td> <td>20 w% ash at air dry basis</td> </tr> </tbody> </table>	Design Case	CO+H ₂ from Gas Purification, Nm ³ /h	CO+H ₂ from Gasification Unit, Nm ³ /h	Coal Spec	Remarks	1.Process Design Case (POC)	336,000	340,000	20 w% ash at air dry basis	Coal spec provided in 'Corrigendum111 02.01.2026.pdf' document will be adjusted to reflect 20% ash content on ad basis.	2. Equipment Design Case (EDC-120%)	403,200	408,000	20 w% ash at air dry basis	3. POC (110%)	369,600	374,000	20 w% ash at air dry basis	4. Turndown Case (TDC-50%)	168,000	170,000	20 w% ash at air dry basis	Ref. Sl. No. 3 of Corrigendum –IV: Technical (Process) dated 29.01.2026 and Sl. No. 1 of Corrigendum –III: Technical (Process) dated 02.01.2026 for coal analysis.
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38	m - 9 Dated 16.04.2026	1 of 43	1.4.2 MOBILISATION ADVANCE	<p>14.2 MOBILISATION ADVANCE (MA) On request of the CONTRACTOR, the CONTRACTOR shall be paid an interest bearing free recoverable Mobilisation Advance equivalent to 10% (Ten percent) of the CONTRACT PRICE divided into two parts, namely 10% (Ten percent) of the Foreign Currency portion comprised in the Lumpsum price and 10% (Ten percent) of the Indian Rupees portion comprised in the Lumpsum price. The interest rate shall be at Marginal cost of fund based landing rate (MCLR) for Six Month charged by SBI (applicable on the date of disbursement of Mobilization Advance) plus 2.0% per annum on reducing balance basis.</p> <p>The Mobilization Advance shall be paid in two installments. The first installment of advance shall be maximum 50% of the Mobilization Advance and will be disbursed on submission of 110% BG and Proforma Invoice for the corresponding amount. Further, the disbursal of second installment of balance amount can be made at the end of any time after 3 months from the first installment and will be disbursed on submission of 110% BG and Proforma Invoice for the corresponding amount subject to submission of Certificate of full utilization of first installment Certificate of utilization shall be submitted supported by proof of the cash outflow towards the project. General Note: Wherever interest bearing Mobilization Advance is mentioned in the NIT, the same shall be read as interest free Mobilization Advance.</p>	<p>As per Corrigendum IX we understand that 10% advance is being provide to the bidder.</p> <p>In view of the above, bidder requests Client/PDILto share the revised payment terms for supply, civil, erection and commissioning along with the percentages.</p>	All other provisions of Payment terms shall be as per NIT
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