

REPLIES TO PRE BID QUERIES LOT-13 Dated 03.07.2026
NIT No: PNMM/PC-217/E/001 dated 10.10.2025
COAL GASIFICATION PLANT FOR GENERATING SYNTHETIC NATURAL GAS (SNG) AT BARDHAMAN

SI No.	Reference of Bidding Document					Bidders Query	PDIL / Owner's reply
	NIT Part	Sec No.	Page No.	Clause No.	NIT Specification		
1	CommercialNIT	SCC	36 OF 54	14.1	Each member of Consortium shall raise separate invoices applicable for their part of scope of work as per the approved Billing Schedule and the OWNER shall pay directly to each member of the Consortium against such invoices.	We understand each consortium member shall provide separate Bank Guarantees for their scope of work in the currency specified in the contract for their respective scope of work. Kindly confirm.	Bidder's Understanding is correct.
2	CommercialNIT	ITB	39	3.3	All the members shall authorize the representative from the lead partner by submitting a Power of attorney (on a non judicial stamp paper of appropriate value) signed by legally authorized signatories of all the member(s). Such authorization	Since the Technology licensor is outside India, the stamp act shall not be applicable to the Technology licensor. Hence ,the authority provided by the said Technology licensor will be on plain paper instead of stamp paper.	It shall be as per Land of Law.

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					must be accompanied with the bid.	Kindly confirm.	
3	Commercial NIT	LIST OF FORMS & FORMAT	160	F-16	Indemnity Bond	a) We understand that Indemnity Bond shall be furnished after award of contract. Kindly confirm. b) As per the Maharashtra stamp act the indemnity bond is to be provided on stamp paper and not on plain paper. Kindly confirm.	a) Bidder's understanding is correct. b) Noted, however indemnity bond shall be submitted on plain paper during bidding stage.
4	CommercialNIT	Section I	18	7.0	Applicability of Policy for providing preference to Domestically Manufactured Iron & Steel (DMI & SP) products as per attached Annexure-VI.	As per tender "A bidder who is not manufacturer of Iron & Steel product and is unable to submit the Affidavit from domestic manufacturers at bidding stage, such bidder can submit the Affidavit issued by	Format of Undertaking is attached with this reply

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						domestic manufacturers after placement of order. In this case bidder along with his bid shall submit an undertaking as per attached format in NIT. We request Client to kindly provide the undertaking format as the same is missing from the tender.	
5						As a Chinese bidder, our Engineering and Procurement works will be completed in China and the cost is also spent in China. We checked through the internet, Chinese Yuan (CNY) is in RBI's notified basket of foreign currencies. To avoid the impact of	As per clause no 11.1 of SCC.

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						exchange rate fluctuations on project execution, we think that we should submit our bid price in CNY	

***POLICY FOR PROVIDING PREFERENCE TO DOMESTICALLY MANUFACTURED
IRON & STEEL PRODUCTS IN GOVERNMENT PROCUREMENT
(TO BE SUBMITTED ON BIDDER'S LETTERHEAD)
SELF-CERTIFICATE***

To,

M/s Coal Gas India Limited

SUB:

TENDER NO:

Dear Sir,

This has reference to "Policy for providing Preference to Domestically Manufactured Iron & Steel Products in Government Procurement" issued by Ministry of Steel, Govt. of India, vide their revised notification "The Gazette of India, Notification No. 385 (E) dated 29.05.2019".

We confirm that we will obtain Affidavit of Self Certification of Domestic value addition in Iron & Steel Products from manufacturer before supply of iron and steel products required under the tender/bidding document.

Sign & Stamp of bidder

S No	Bid Document & Sheet no	Bid Document Clause & Clause No.	Specification	Bidder Pre Bid Query		CGIL / PDIL reply
1	PC217/E/001/P-II/SEC-4.0 Sheet 5 of 17	Clause 2.2.10 Coal, Slag / Slag fine / Fly ash Handling equipment	Coal / Fluxant : Coal / Pet coke received in Battery limit by Dumper / Conveyor Belt shall be Crushed through Crusher from 100 mm to -30 mm size and transferred to Covered storage. Fluxant received in battery limit by Dumper shall be crushed through Crusher to -30 mm size and transferred to covered storage			Query not clear
2	PC217/E/001/P-II/SEC-5.3.4 Sheet 3 of 23	Clause 2.0 (a) of Scope of Work	Coal & Fluxant received from mines shall be transferred to Storage area. Closed (full side Coal & fluxant / limestone from Storage area shall be transferred to crusher house for crushing and then transfer to bunkers of CMD system.			Query not clear
3	PC217/E/001/P-II/SEC-5.3.4 Sheet 5 of 23	Clause 4.1 of Scope of work	Coal (-100 mm) and Fluxant (-200 mm) received at battery limit shall be transferred to fully closed storage of Coal and Fluxant with help of Two (2) Conveyors (1 working + 1 standby) shall be considered after storage from a suitable transfer tower to transfer coal & fluxant / limestone to crusher house			Query not clear
4	PC217/E/001/P-II/SEC-5.3.4 Sheet 6 of 23	Clause 4.2 of Scope of work	Stacker shall be used for stacking coal / fluxant/limestone. For reclaiming, separate reclaimer shall be used to reclaim the coal / fluxant /limestone and to feed to Crusher house for screening 'and then transfer to respective bunkers of coal milling and drying system (CMD system)			Query not clear
5	PC217/E/001/P-II/SEC-5.3.4 Sheet 10 of 23	Clause 5.1 point 29	Bidder to consider redundancy / stand by for belt conveyor system (1W + 1S) after coal storage yard conveyor to bunkers of CMD unit for transfer the raw materials (Coal & Fluxant / limestone)	conveyor from Crusher house to CMD system		Query not clear
6	PC217/E/001/P-II/SEC-5.3.4 Sheet 6 of 23	Clause 4.3	Coal Milling and Drying (CMD) ; Each vertical roller mill shall be fed by two (2) nos of bunkers (1 each for coal and fluxant / limestone)	Depending on the number of Coal gasifiers offered (i.e 2 nos / 3 nos), each gasifier is to be provided with one (1) CMD system, with Vertical mill fed by two(2) bunkers, 1 each for coal & Fluxant PDIL is requested to confirm our understanding		Bidder's understanding is correct i.e each gasifier is to be provided with one (1) CMD system with Vertical mill fed by two(2) bunkers, 1 each for coal & Fluxant and 1 common standby CMD station.
7	PC217/E/001/P-II/SEC-4.0 Sheet 5 of 17	Clause 2.2.10	Coal / Slag / Slagfine / Flyash Handling; Coal / Fluxant : For coal / Fluxant storing, one no stacker & one reclaimer There shall be two / three operating as per licensors design specification and one common stand-by coal milling and drying station	Requirement specified in this clause about "There shall be two / three operating as per licensors design specification and one common stand-by coal milling and drying station" is not clear. The requirement of standby is not specified in Clause 4.3 (Design philosophy - Solid material handling system). PDIL is requested to confirm our understanding that CMD stations will be 2/3 Working (depending on number of Gasifiers 2/3) with 1 common standby CMD station		

8			A. Table - 1 : Moisture %	Moisture content of Coal as per proximate analysis (Air dry basis) is indicated as 5.6 to 6.3 %. Since CGIL shall be supplying coal from Washery, please indicate the % range of moisture that needs to be considered for design of Coal gasifier (Moisture % in washed coal is likely to be much higher than values of proximate analysis).		Bidder to decide the design based on the moisture % provided.
9			B. Table - 1 : Ash - 14.9-18.4 %	As indicated by PDIL 18.4% Ash will be taken for PG Test and Capacity evaluation. PDIL may please indicate maximum % of Ash for Design purpose.		Bidder to decide the design based on the ash% provided.
12			E. PSD of Coal	PDIL is requested to furnish PSD.		Corrigendum being issued for Partial size Distribution of coal
13	PC217/E/001/P-II/ SEC-5.5, Page 7 of 254	Clause 1.3 Grading	Fairly graded land site shall be provided to the CONTRACTOR.	From this clause, it is understood that fairly graded land will be provided by CGIL to the LSTK contractor. (As per earlier pre bid queries, owner / PDIL have replied that suitable amendment will be issued. However, confirmation on scope / corrigendum is awaited) PDIL is requested to confirm the development of Site is in the scope of CGIL or LSTK 1 bidder with details of the same.		Fairly graded land site shall be provided which is owner scope as per the NIT condition
14	PC217/E/001/P-II/ SEC-5.5, Page 135 of 254	Clause 8.0 Structural steel work	All members shall be so fabricated as to assemble the members accurately on site and erect them in correct positions. Before dispatch to site the components shall be assembled at shop and any defect found rectified.	Confirmation of owner / PDIL on earlier prebid query is awaited. Prebid query : " Bidder presumes that only technological structures will have to be fabricated at works and others can be carried out at site for which enough space will be provided by Client. Please clarify bidders understanding" PDIL is requested to clarify.		Bidders understanding is correct limited space provide subject to availability
15			Treatment of Cooling Water in centralized system which is in the Scope of Owner.	We anticipate from operational experience that any contamination of Cooling water due to operational failures in heat exchangers etc of units like Gasifier, CO Shift, AGR, SRU (LSTK1) and SNG Unit (LSTK3) will Contaminate the intake water of the centralized cooling water system. So we suggest that in addition to centralized cooling system, each of the above mentioned units or each section of the units shall have individual cooling system		NIT condition shall be prevail
16	PC217/E/001/P-II/SEC-5.3.4 Sheet 3 of 23 and Preliminary Layout of Coal based SNG plant	1) Clause 2.0 Scope of Work 2) Drg PC217-0000-0001 Rev P3	1) Coal & fluxant/limestone received from mines shall be transferred to storage area. Closed (full side covering with full top/roof cover) storage with RCC flooring equivalent to seven (07) days consumption of each of raw materials- coal (-100 mm) & fluxant/limestone (-200 mm) required for Coal gasification Plant plus 5000MT of coal for Steam Generation Plant (SGP) [other's scope] shall be considered with one stacker & one reclaim system. Single storage for coal & fluxant/limestone shall be considered with demarked section for coal & fluxant/limestone storage. 2) Layout drawing shows provision of 120 m x 80 m space for storage of Coal & Fluxant	Considering Seven (7) days of Storage for Coal Gasifier plus 5000 MT of Coal for Steam Generation Plant (of others), it is found that the allocated space 120 m x 80 m is Grossly Inadequate. Considering maximum recommended height of 10 mtr for stock pile height from safety point of spontaneous combustion and fire (Maximum height of 10 mtrs is also as per guidelines of CEA for power stations), size of Coal & Fluxant storage shed would be 90 mtr Width x 170 mtr Length. Please refer to attached sketch for details. Considering Space requirement for Coal / Fluxant storage shed and overall space requirement for Material Handling Plant (as highlighted in point no 2 below), CGIL/PDIL are requested to allocate adequate space in the layout.		Block facilities & conveying system shown in the plot plan are tentative; bidder may adjust/resize block facilities & conveying system as per requirement inline with NIT. Ash/slag storage area in the west side of coal storage may be utilized for coal storage purpose.

17	1) PC217/E/001/P-II/SEC-5.3.4 Sheet 5 of 23 1) PC217/E/001/P-II/SEC-5.3.4 Sheet 9 of 23	1) Clause 4.1 2) Point no 23 of Clause 5.1	One (1) no. stacker & One (1) no. reclaimers shall be used inside storage area of coal & fluxant handling (stacking & reclaiming). Solid material handling system operation/design shall be two shift operations i.e. 14 hours to fill both two materials (coal & fluxant/limestone) to gasification plant. Capacity of belt conveying system for gasification plant shall be considered as min. 500TPH (Rated)/ 600 TPH (Design)	Considering stipulations of NIT documents, total length of ~310 mtrs is required between centre line of Crusher House and Centreline of Transfer Tower (TT2). Please refer to the attached sketch for details. Considerations for Layout of Material Handling Plant are as follows ; 1) Operation of MHP for filling both the materials = 14 hours (as per NIT stipulation) 2) Stacker of 500 TPH (rated) / 600 TPH (design) capacity operating for 12 hours in a day for stacking 6000 MT of coal (which is approx one day consumption for coal gasifier) 3) Fluxant Unloading through trucks (say 30 MT x 6 nos) and same Stacker operating for maximum 2 hours in a day for stacking ~180 MT of Limestone (which is approx one day consumption for coal gasifier) 4) Reclaimer of 500 TPH (rated)/600 TPH (design) operating for 12 hours filling 6000 MT in Day bins of Coal. Coal Day bins are sized for 12 hours storage as per NIT specification 5) Same Reclaimer of 500 TPH (rated)/600 TPH (design) operating for 22 minutes filling 180 MT in Day bins of Fluxant. Fluxant Day bins are sized for 24 hours storage as per NIT specification 6) Simultaneous operation of Stacker and Reclaimers is considering for Stacking and Reclaiming of Material. (Option permitted by PDIL to utilise reversible Stacker cum Reclaimer, in response of pre bid queries, do not match the operational requirement as simultaneous operation of Stacking & Reclaiming is not possible). In case of Stacker cum reclaimer option, Capacity of the machine as well as capacity of Incoming conveyor from mines needs to be increased (It is presumed that capacity of incoming conveyor is 500 TPH rated / 600 TPH design. Also even with this option, space requirement is not adequate Hence, we request CGIL / PDIL to review and increase the space allocation for Material Handling Plant taking into consideration of the points highlighted and space requirements shown in the attached sketch (i.e 310 mtrs between Crusher house and TT-2, ~35 to 40 mtr between Crusher house & TT-1. Also additional space of ~ 5 mtr to 10 mtr is required between Road and Coal Gasification building so as to route conveyor between TT-3 and TT-4)		Considering space constraint, against pre-bid query we have noted bidder's response of consideration of Stacker cum Reclaimer machine if that suits/fits the layout/plot plan & overall system requirements as per NIT. Capacity of stacker reclaimers machine to be decided/considered by bidder fulfilling the NIT requirements of incoming materials as well as outgoing materials to gasification plant as a minimum requirement. Accordingly, capacity of incoming conveyor from coal washery (by others) to be considered, which is not yet been finalized. As per NIT, followings are mentioned - 1. [Clause 4.3] "The capacity of each bunker for coal shall be minimum 12 hours of operation and the capacity of each bunker for fluxant/limestone shall be minimum 24 hours of operation." 2. [Clause 5.1.23] Solid material handling system operation/design shall be two shift operations i.e. 14 hours to fill both two materials (coal & fluxant/limestone) to gasification plant. Capacity of belt conveying system for gasification plant shall be considered as min. 500TPH (Rated)/ 600 TPH (Design) Above clauses defines minimum day bunker capacity to be considered but incoming conveyor capacity to fill those bunker to be designed by bidder as per requirement [but min. 500TPH (Rated)/ 600 TPH (Design)]. Block facilities & conveying system shown in the plot plan are tentative; bidder may adjust/resize block facilities & conveying system as per requirement inline with NIT. Ash/slag storage area in the west side of coal storage may be utilized for coal storage purpose. Considering above, bidder is requested to develop the overall Material Handling system to fit the plot plan/layout.
Sr.No	Section	Page No	Clause No	NIT Specification	Bidder Pre Bid Query	Owner/PDIL Reply
18	PC217/E/001/P-II/SEC-2.0 Utilities (Indicative specification)	8 of 9	3.16	During start-up/ Shutdown, LDO shall be used. During normal operation, Fuel gas generated within LSTK area shall be used.	From various clause, it is understood that Owner will provide "Natural Gas" as Fuel gas for normal operation of Coal Gasification plant, with Natural Gas cost considered as Rs 650 / mm BTU for bid evaluation. As Fuel gas (Natural gas) is required continuously during normal operation of Hot Gas Generator of CMD system, Please confirm the parameters of Natural gas that would be made available at Battery limit of LSTK contractor.	shall be as per PNGRB Guideline Pipeline gas
19	Section 8.0, Part-II Technical	PDF page 168 of 945 of NIT Tech Spec 4.1	Attachement-1	Flow diagram indicating that "Fuel Gas" supply at Battery Limit in the Scope of Owner		Query not clear
20	PART II: Technical Section – 4.1	Pages 3 of 6 to 6 of 6	2.0 Battery Limit Conditions	(No details are given for Fuel gas supplied by Owner at battery limit of LSTK contractor)		Query not clear
21	Corrigendum-III Works Cost	2 of 7	SI no 2	(***) Fuel Gas is considered as Natural Gas. Cost of NG is Rs 650 / mm BTU		Price shall be considered for evaluation purpose only

22	PC217/E/001/P-II/SEC-2.0 Utilities (Indicative specification)	8 of 9	3.16	During start-up/ Shutdown, LDO shall be used. During normal operation, Fuel gas generated within LSTK area shall be used.	LDO is required during startup operation of Coal gasifier and Hot Gas generator of CMD system. If LDO Storage along with tanker unloading facility is to be provided by LSTK-1 contractor, separate space for Storage facilities is to be provided by CGIL, which is generally at least 30 mtrs away from process units as per OSD 118 / PESO standards. Please confirm that CGIL will provide required space for LDO storage. (Please refer point no 1 above for Natural gas)	Bulk storage of LDO shall be considered in OSBL as separate package, however day tank for LDO storage with all facilities shall be under Bidder's scope.
23	Prebid Replies of PDIL / CGIL LOT-5 dated 25.03.2026	1	Sl No 4	LDO (Light Diesel Oil)/ Natural Gas : Under LSTK-1 Scope		Query not clear
Sr.No	Section	Page No	Clause No	NIT Specification	Bidder Pre Bid Query	Owner/PDIL Reply
	PC217/E/001/P-II/SEC-1.0	5 of 9	2.1.3 Source of Coal	For the proposed project, required quantity of Coal shall be made available Licensor should be capable of providing Basic Design Package for Coal Gasification and associated equipment including Coal Preparation (without blending with other feedstocks like pet coke, biomass, etc.) for Gasifying Washed coal from Ranigunj Coalfields with ash content up to 20% on commercial basis. Approximate	We request CGIL / PDIL to revisit the size of Washed coal that would be supplied to LSTK-1 contractor, which is presently indicated as (-) 100 mm at battery limit. As you are aware, the standard operational sequence for processing raw feedstock within a coal washery comprises the following sequential phases: a) Initial Feed size (ROM Coal) -200 mm to - 1200 mm (Large lumps directly from opencast or underground mines). b) Primary Crushing: Passed through a rotary breaker or jaw crusher to bring the size down to - 100 mm. c) Secondary Crushing & Sizing: Passed through a double-roll crusher and sizing screens to reduce and standardise the size to -50 mm (or -25 mm). This Mechanically cracks the rocks away from the carbon, liberating the clean coal fractions. As Target Washery Input Feed Size is generally (-) 50 mm, we request CGIL / PDIL to review the size of Washed coal that is being planned to deliver at Battery limit of LSTK-1 contractor and in turn the requirement of Coal Crushers in the scope of LSTK-1 package needs to be evaluated	Refer amendment regarding coal particle size
	PC217/E/001/P-II/ SEC- 5.3.4	5 of 23	4.1 Coal & Fluxant/Limest one Handling	Coal (-100 mm) and Fluxant (-200 mm) received at battery limit shall be transferred to fully closed storage of Coal and Fluxant with the help of belt conveyors, stacker, reclaimer..... Two nos. of conveyors The received coal shall be sized in crusher house from (-100) mm to (-30) mm.		Query not clear