

MAJOR HIGHLIGHTS OF THE TENDER

CPC TENDER NO. BHEL/CPC/JSD/C_CHP_LHP/27/046

BROAD SCOPE OF JOB:

Civil, structural and architectural works of CHP & LHP including micro site grading/levelling , Retaining wall, Roads, Storm Water Drainage, RCC Drainage Network, Water Supply System, Sewerage System, Pulley House, Conveyor BCN-1AB, Transfer Point TP-1, Conveyor BCN-2AB, Conveyor BCN-3AB, Crusher House, Bulk Coal Silos, Conveyor BCN-4AB, Conveyor BCN-5AB, Conveyor BCN-6AB, Conveyor BCN-7AB, Transfer Point TP-2, Transfer Point TP-3, CHP MCC # 1, CHP MCC # 2, CHP MCC # 3, CHP Pump House, Cable rack, Limestone Reclaim Hopper, High Angle Conveyor, Limestone Crusher House, Bucket Elevators, Limestone Mill Building (Foundation), Limestone Day Silo building (Foundation), Earth mats and risers for all building etc at Lakhanpur, Jharsuguda, Odisha for BHARAT COAL GASIFICATION AND CHEMICAL LTD (BCGCL)

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1.	Pre-Bid Meeting with Interested Bidders (NIT Clause 1.0 (X))	1. Facilitate better understanding of the Project Requirements; 2. Clarifying any ambiguities in the bidding documents
2.	Earnest Money Deposit (EMD) [NIT Clause 1.0 (X) and GCC Clause 1.9]	Reduced EMD Amount of Rs. 50,00,000/- (Rupees Fifty Lakh Only)
3.	Price Variation Compensation (As per GCC clause 2.17)	Applicable
4	Over Run Compensation (ORC) (As per GCC clause 2.12)	Not Applicable
5	Interest Free Mobilization Advance (GCC Clause 2.13.1)	5% of the Contract Value in three instalments as specified in TCC. (Chapter 7 of TCC)
6	Interest Bearing Mobilization Advance and Additional Interim Advance (GCC Clause 2.13.2)	Up to 10% of the Contract Value against adequate Security/BG
8	Procurement at Risk and Cost of bidder, in case of default of Contractor is removed (replaced by "Breach of Contract" clause) ("Rights of BHEL" - GCC Clause 2.7)	The total liability on account of Breach of Contract is limited to 10% of the Contract Value.
10	Security Deposit (SD) (GCC Clause 1.10)	5% of Contract Value and shall be furnished before Commencement of Work. SD to be released after completion of Guarantee Period.
11	Retention Amount (RA) (GCC Clause 2.22)	5% of contract value and shall be furnished before the first RA Bill becomes due for payment. On successful bidder's request, the Retention Amount can also be recovered at the rate of 10% of the gross amount, progressively, from each of the running bills of the contractor till the total amount of the required retention amount is collected. RA to be released along with Final Bill.
12	Reverse Auction (NIT Clause 19.0)	Applicable

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13	BOCW Cess (TCC Chapter – VIII, Clause 8.4)	Not to be borne by Bidder.
14	Facilities in the scope of Contractor/BHEL (Scope Matrix)	As per Chapter - III of TCC.
15	T&Ps and MMEs to be deployed by Contractor	As per Chapter - IV of TCC.
16	T&Ps AND MME TO BE DEPLOYED BY BHEL ON SHARING BASIS	As per Chapter - V of TCC (BHEL shall not provide any T&Ps for this scope of work)
17	Labour and Staff Colony (Clause 3.11 of TCC Chapter - III)	BHEL shall provide Labour Shed (upto 5 Nos.) for approx. 625 nos labours (125 labours per shed) on chargeable basis in line with the contractor's mobilization plan for scope of work. Contractor shall intimate mobilization plan for labour and BHEL shall allot labour shed accordingly. The labour shed shall be provided on land arranged by BHEL. Each labour shed shall be equipped (one time only) with beds and mattresses, electrical wiring and fittings for electricity distribution, toilets, sanitary fittings, internal piping, and other necessary facilities. These sheds will be handed over to the contractor for use during the execution period. The contractor shall ensure dismantling of labour shed within reasonable time of completion of work or as directed by BHEL Engineer in Charge and no extra payment shall be made in this regard. The contractor will be responsible for the maintenance and upkeep of the labour sheds and all the facilities provided by BHEL. Additionally, common expenses related to monthly maintenance, repair of common areas, security guards, electricity, water, cleanliness, etc shall be shared among all agencies availing the facilities in the labour colony on a prorated basis, as directed by BHEL.
18	Field Quality Assurance: (Clause 2.8 of TCC Chapter - III)	Setting Up of Laboratory Works:

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		BHEL shall set up centralised civil quality laboratory in the close vicinity of the work site wherein routine test shall be performed by the service provider for all civil contractors working for the project. <i>The civil lab building and the testing equipment shall be excluded from the contractor's scope.</i> Sampling of all construction materials, cube casting for concrete (required number of cubes to be arranged by contractor), etc. shall be carried out by contractor, transported to the laboratory and handed over to the service provider of the centralized laboratory for routine testing and documentation. All field test like slump test (at batching plant/ field), soil test for compaction (MDD), test for road work, etc. shall be carried out by the contractor without any extra cost to BHEL. In case, third party testing related to the scope of work is required to be conducted for any reason whatsoever, shall be arranged/conducted by the contractor without any extra cost to BHEL. Contractor shall depute their representative QA/QC Engineer and Supporting Staff at site/lab during testing and documentation, etc. for satisfactory conductance of the routine test. In view of above scope matrix for the routine testing, contractor does not absolve from their responsibility for satisfactory performance of the work done as per terms and conditions of the contract.
19	Payment Terms Clause 7.1 of Chapter-VII of TCC	Progressive Payment/ Final Payment: The payments for works under the scope of this contract shall be as per clause no 2.6; 2.22; 2.23 of General Conditions of Contract and Volume-IB, Chapter-X of SCC. Measurements shall be recorded and certified building/structure-wise. Separate measurement sheets

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		shall be prepared for each applicable building/structure and shall form part of each Running Account (RA) Bill. <u>A) Additional Payment Terms for Stipulated Buildings/Structures: -</u> <u>Payment for Civil works of Steel Framed Buildings/Structures: -</u> a. 75% of the certified RA Bill value for the respective building/structure shall be payable upon certification of measurements by the BHEL Engineer-in-Charge. b. Balance 25% shall be released upon certification by the BHEL Engineer-in-Charge as detailed below: - i. 15% on completion of raft and pedestals of the building/structure. ii. 10% on completion of backfilling & handing over to mechanical agency for erection works. <u>Payment for Civil works of RCC Framed Buildings:</u> a. 75% of the certified RA Bill value for the respective building/structure shall be payable upon certification of measurements by the BHEL Engineer-in-Charge. b. Balance 25% shall be released upon certification by the BHEL Engineer-in-Charge as detailed below: - i. 10% on completion of RCC Framework including roof slab & parapet wall. ii. 10% on completion of all internal finishing works like-brickwork, plastering, flooring, floor finish, false ceiling, doors & windows,

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		painting, plumbing, sanitary & handing over with lock & key for electromechanical erection/usage of BHEL/Customer/owner. iii. 5% on completion of external finishing works like roof treatment, rain water pipes, outside paint, plinth protection, garland drains, approach to building and closure of punch points for the building. Note 1: - Applicable Buildings/Structures falling under this additional payment terms category shall be as follows: - 1. CHP MCC 2. CHP Pump House 3. Limestone Reclaim Hopper All other terms and conditions shall be governed by Clause Nos. 2.6, 2.22, and 2.23 of the General Conditions of Contract (GCC) and Volume-IB, Chapter-X of the Special Conditions of Contract (SCC). Note 2: - Amount linked to Safety Aspect/ Compliance to Safety Rules shall be billed, withheld / released / deducted as per the procedures defined in the tender.
20	Construction Power: (Clause 3.13 of TCC Chapter - III)	Construction power (three phase, 415 V/ 440 V) shall be provided by BHEL free of cost at two/three points near the site at a distance of approx. 500M within 06 months from the date of start of work. Vendor to select one-point source for their

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		usage as per suitability. Further, distribution shall be arranged by the contractor at his own cost and services. However, contractor has to deploy DG Sets to meet power requirement in case of delay in availability of single source or any kind of power interruptions during the course of the project at no extra cost to BHEL. If any other voltage level (other than normally available) is required, the same shall be arranged by the contractor from power supply as above. Contractor shall be responsible for fulfilment of all requirements including statutory requirements in this regard.
21	Construction Water (Clause 3.14 of TCC Chapter - III)	BHEL shall provide water supply free of cost (at single point source) for construction purpose as and when made available by customer/owner within 6 months from date of start of work for construction purpose. Contractor has to make arrangement of further distribution. However, contractor shall make alternate arrangement of construction water till the same is made available by BHEL.
22	'Assessment of Capacity of Bidders' to execute work	Applicable
23	'Performance Evaluation' as per Clause 9 of NIT	Applicable
24	Material (Chapter-IX)	As per clause no:-9.1 Material to be issued by BHEL (Free of Cost) unless otherwise specified in BOQ cum Rate Schedule 1. Cement 2. Reinforcement Steel and MS Round Bar (Earthing Rod) 3. Structural Steel for Site Fabrication Works.

Note: The above is for reference only. Bidders are requested to go through the complete tender documents for preparation of their offer.