



**KARNATAKA ANTIBIOTICS AND PHARMACEUTICALS LIMITED**  
**BULK DRUG - 7ACA Project**

Pre-Bid Queries Dt. 23.03.2023



**STEAM BOILER 12 TPH DUAL FIRE(NG+OIL)**

Tender Ref no : **KAPL/BOP/CG/3950**

**NOTE: This Prebid Queries is part of the tender document and this supercedes the clauses of Tender**

Sl. No.	Company Name	Bid Document Ref. No.	Queries Raised	KAPL Clarifications
1	<b>Rakhoh Ind. Pvt. Ltd.</b>	Section IX : Qualification Criteria	Criteria of supply of 12 TPH Boiler within last 10 years; Contract Value cap to be INR 200 Lacs. 10 Years Boiler working on either Gas or Oil. This will also prove the credentials on reliability front. The installation can be either oil fired or gas fired. Normally the intent is to understand the establish the credentials of the vendor for executing the job so it needs to consider all the vendors who are interested in bidding.	As per Tender Document refer. Section IX: Point No. 3 & 4.
2		GENERAL CONDITIONS OF CONTRACT (GCC), Clause 5	Performance Security as per latest Central Government Guidelines is limited to 3% of the Contract Price, which may please be considered. Notification F.9/4/PPD/2020, dated 30/12/2021	No Changes will be made
3		Section XXI : Schedule of Fiscal Aspect	Project Timelines are not specified as per the customer need	Within 8 Months from the Date of Purchase Order.
4		GENERAL CONDITIONS OF CONTRACT (GCC) / Termination for convenience	Please remove this clause	No Changes will be made
5		Section VI / Special Conditions of Contract / 4. Access to Site	Proper Road approach for material movement to site to be made available by Customer. The site has to have proper soil compaction done for the purpose of placing Hydra / Cranes by customer.	Accepted
6		Section VI / Special Conditions of Contract / 5. Property Rights	Excess Material like Piping, Cabling, Cable Trays, Mechanical and electrical hardware, ducting and structural material supplied shall be allowed to be taken back post Boiler commissioning. Normally it is required to keep some excess material at site from the point of view of the small site variations and this excess material can not be property of Customer. Also, site security to be provided by Customer.	Allowed
7		Section VI / Special Conditions of Contract / 6. Water and Power during construction	Rate for the consumption needs to be fixed. Also this power usage will be purely for the purpose of construction only and for pre-commissioning / commissioning and further operation of the boilers, power shall be provided by customer.	Construction power will be chargeable as per MPPEB tariff and commissioning the power will be provided by KAPL.
8		Section VI / Special Conditions of Contract / 8. OTHER CONTRACTS / CONCURRENT WORKS	This clause is not acceptable as for default of other supplier RIPL can not be hold accountable. Also if RIPL is asked to stop the work or shift the construction machinery for the reasons best known to customer in that case sufficient additional time and cost needs to be provided by customer. The clause is completely one sided.	As per the Tender Document clause and remains unchanged
9		Section VI / Special Conditions of Contract / 21. TECHNICAL APPROVALS / PAYMENT CERTIFICATE	Approval timeline after submission of the documents to be defined. Based on the approval timelines the Project delivery will change. Also, timelines to be defined for the release of payment certificate by DCPL, post submission of the invoices.	As per the Tender Document clause and remains unchanged - clause 21
10		SECTION VII / SCOPE OF WORK / 8. Equipment/services by purchaser	Power required at the inlet of the MCC, PLC Panel inside the control room	Accepted

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11		SECTION - VIII / TECHNICAL SPECIFICATIONS / Note 2	BIS Safety Standards IS-13540 which is also equivalent to IEC electrical safety standard IEC-60601 are not relevant for Boiler electrical and thus not considered for the purpose of bidding	All related BIS/IEC standard are applicable
12		SECTION - VIII / TECHNICAL SPECIFICATIONS	Layout of the plant needs to be provided	uploaded in the KAPL Website
13		SECTION - VIII / TECHNICAL SPECIFICATIONS / Equipment Specifications	Boiler shall be suitable only for Light Oil / Natural Gas firing, other solid fuels as specified can not be combusted in this offered design	accepted
14		SECTION - VIII / TECHNICAL SPECIFICATIONS / 2.0 TECHNICAL SPECIFICATION FOR DUAL FIRED BOILER (NG/OIL)	Burner can be either Monobloc i.e. Fan fitted inside the burner or dual block i.e. fan is separate. Both the designs are working satisfactory in the field for European Makes specified in the tender.	Option A will be as per the tender and Option B as per vendor choice with justification should be quoted
15		SECTION - VIII / TECHNICAL SPECIFICATIONS / 3.d Valve Proving System	Standard Valve proving system as offered by Burner Makes specified and finalised.	
16		SECTION - VIII / TECHNICAL SPECIFICATIONS / 3. Burner Make	Forbes Marshall Burner is not equivalent to other Burner makes mentioned i.e. Weishaupt / Unigas / Ollon which are European Origin. If Forbes Marshall is allowed then we also need Combustion Concept make burner as approved make.	As per the tender document specification
17		SECTION - VIII / TECHNICAL SPECIFICATIONS / 3. Oxygen Analyser	Make is mentioned as Forbes Marshall which RIPL can not comply with. We will provide reputed make like Yokogawa / ABB / Burner Maker standard make	Makes as per tender document and ABB/Yokogawa.Semiens/servomax are also accepted
18		SECTION - VIII / TECHNICAL SPECIFICATIONS / 2.2.3 Pressurised Deaerator	This equipment is mentioned as Optional, RIPL has no problem quoting it as optional, however for Better functioning and life of Economizer the Deaerator is needed so that there is a complete / acceptable removal of Oxygen post Thermal deaeration.	Quote as per the tender documents
19		SECTION - VIII / TECHNICAL SPECIFICATIONS / 2.2.5 Boiler House Piping	Piping from Feed water tank to Deaerator along with transfer pump and piping from Deaerator to Economizer needs to be clarified.	All interconnecting piping required as applicable is in vendor scope.
20		SECTION - VIII / TECHNICAL SPECIFICATIONS / 2.2.7 MS Self Supported Chimney	Please check whether Chimney is needed for 12 TPH x 1 No. Boiler or 2 No. of Boilers.	2 Nos of Boiler are working and 1 No's is under standby. Chimney to be designed according and to be connected to all 3 No's of boiler
21		SECTION - VIII / TECHNICAL SPECIFICATIONS / 2.4 Battery Limits	Needs to be inline with the scope of supply as these battery limits are confusing eg the scope mentioned steam piping up to header (length to be mentioned) but battery limit says steam at MSSV outlet. Cabling is mentioned at inlet of motors but scope says entire boiler house cabling. These are only examples	Single point power will be provide to the MCC/Control panel. Rest all the electrical wiring, control cabling, and earthing are in the scope of the vendor. Seam line piping, valves, fitting with insulation is in the scope of the vendor and to be connected to the header.
22		SECTION - VIII / TECHNICAL SPECIFICATIONS / 2.5 Makes of dual fired boiler	Safety valve : Fainger Lesser; Cables : KEI / Cords / Gloster; PLC: Fuji / Supcom. Above are additional makes requested over and above the ones which are mentioned in the tender enquiry. Make of the burner needs to be Ollon / Weishaupt / Unigas / Combustion Concept. Burner make needs to be independent of the bidding party	As per the tender document specification.

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Tender Ref no : **KAPL [BDP] 09 | 2250**

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23	<b>Thermax Limited</b>	SECTION - VIII / TECHNICAL SPECIFICATIONS / 7.0 Erection and commissioning	It is mentioned that Erection and Commissioning shall be optional, please clarify the scope	It will part of Vendor scope and not optional
24		Timelines for the submission of the bids	We request for the timelines extension up to 30th April, 2023 for bid submission	No Changes will be made
25		-	Are MSME exempted form providing EMD amount	As per the tender document of Clause 17 of Earnest Money Deposit
26		-	Can the installation be completed by the channel partners	Installation can be done by the channel partners but the supplier shall be responsible for the installation, erection and commissioning works.
27		-	In page 56 the design requirements mention in sub points (i) to (xii) are applicable to both points "a" and "b"	The sub points are applicable to both points "a" and "b" of design requirements
28		-	Page 55 Water Quality specified are for Feed Water or Boiler Water	The vendor has to provide the TDS quality of the water as per the boiler requirements.
29		-	Page 54 Fuel for the boiler mentioned as Briquette/Imported Indonesian coal/ Biomass/ NG/ Oil please clarify	The fuel required is NG/ Oil only
30		-	Page 54, Fabrication code "ASME Sec VIII Div.1, DIN 28136 and CGMP Norms not possible	As per IBR norms
31		-	Is Internal piping in "KAPL" scope	Internal piping is in vendor scope till outlet of chimney.
32		<b>Forbes Marshall</b>	-	Government Approvals are in whose scope
33	<b>Real Boiler</b>	VIII - Technical Specification	Fuel Mentioned "Briquette/ Imported Indonesian Coal/Bio mass/NG/Oil" whereas rest of the TE document mentioned "NG/Oil".	The fuel required is NG/ Oil only
34		VIII - Technical Specification	Make of Burner Given Forbes Marshall / Weishaupr / Unigas / Oilon. Request to Add Oxilon as an option in above make.	Option A will be as per the tender and Option B as per vendor choice with justification should be quoted
35		IX - Qualification Criteria	Is there any added advantages if tenderer provides PO and end user satisfaction certificate for higher capacity multi fuel Boiler?	As per the tender Document of Qualification Criteria
36		G.1.10 - Annexure I of Technical Data	Engineering of Steam Pipeline mentioned as per KAPL Layout? Please provide Layout Plan with sizing & length of Piping from Boiler.	Its been upload in the KAPL Website
37	<b>Real Boiler</b>	12.1.1 - Annexure I of Technical Data	Typical GA & P&I Drawing is shown under the title of "Documents required during execution" however in next column it shows "To be furnished with offer. Request to Please provide Layout Plan of Boiler House showing proposed chimney and boiler specifically demarked. Also clarify whether GA & P&I Drawings to be submitted with offer or during execution.	Its been upload in the KAPL Website and the GA & P&I should be submitted along with BID Document

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Tender Ref no :

KAPL / BDP / CG / 3250

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**\*\*\* Please add signatories**

List of Vendor present for Pre-Bid Queries	
Rakhoth Ind. Pvt. Ltd.	Sachin Kanade
	Hemanth
Forbes Marshall	Vivek Shinde
	Lakshminkanth
	Subhasish
Thermax Limited	Amit S
Real Boiler	No vender were present but Queries received by mail

 Shreeshail Tumbagi (AM - FD)	 Goutam SVS (AM - QA)	 Kanak Banot (SM - Purchase)	 B Ramesh (AGM - Finance)
 Somnath Datta (AGM - Bulk Drug Project)	 Jagadish Chandrashekar (DGM - Finance)	 N C Mahesha (DGM-FD)	 Supriya Kulkarni DGM - ADM &
 B U Kanakth (GM - Teekankal Bulk Project)	 Shaiksh Kumar (GM - Bulk Project)	 K P Rajan KAPL - Consultant	 DCPL KAPL - Consultant