

Sr.No	Reference			BHEL Specification's Requirement	Bidder's pre bid query	BHEL'S REPLY TO THE BIDDER PRE BID QUERY
	Doc No	Page No	Cause No			
1	Annexure-1-Scope Matrix _BHEL_QEM	1	A2.3	LIGHT FUEL OIL SYSTEM	Not required this being gas engine specification	Noted & Agreed
2	Annexure-1-Scope Matrix _BHEL_QEM	1	A2.4.6	Gas Flow Measuring unit	Bidder requests BHEL to keep this scope	Noted & Agreed
3	Annexure-1-Scope Matrix _BHEL_QEM	1	A.2.4.7	Piping and valves - gas system	Bidder requests BHEL to keep complete piping scope	Noted & Agreed
4	Annexure-1-Scope Matrix _BHEL_QEM	1	A.2.5.1.1	Lube oil separator	Gas being a cleaner fuel bidder doesn't envisage the need for this separator	Noted & Agreed
5	Annexure-1-Scope Matrix _BHEL_QEM	1	A2.6	PLANT LUBE OIL SYSTEM	Bidder requests BHEL to keep this scope	Noted & Agreed
6	Annexure-1-Scope Matrix _BHEL_QEM	1	A2.7	COMPRESSED AIR SYSTEM	Bidder requests BHEL to keep this scope	Noted & Agreed
7	Annexure-1-Scope Matrix _BHEL_QEM	1	A2.8	STARTING AIR SYSTEM	Bidder requests BHEL to keep this scope	Noted & Agreed
8	Annexure-1-Scope Matrix _BHEL_QEM	1	A2.9	WORKING AIR SYSTEM	Bidder requests BHEL to keep this scope	Noted & Agreed
9	Annexure-1-Scope Matrix _BHEL_QEM	1	A2.11	COOLING SYSTEM	Bidder requests BHEL to keep complete piping scope	Noted & Agreed
10	Annexure-1-Scope Matrix _BHEL_QEM	1	A.2.12	CHARGE AIR SYSTEM	Bidder requests BHEL to keep the ducting and silencer scope	Noted & Agreed
11	Annexure-1-Scope Matrix _BHEL_QEM	1	A.2.13.6 A.2.13.9	EXHAUST GAS SYSTEM	Bidder requests BHEL to keep the ducting ,piping and silencer scope	Noted & Agreed
12	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.18	EMISSION CONTROL AND MONITORING SYSTEMS	Bidder requests BHEL to keep the scope of CEMS	Noted & Agreed
13	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.1.18.1	Ambient Air Quality Monitoring Station (AAQMS)	Bidder requests BHEL to keep this scope	Noted & Agreed
14	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.20.3	COMMON CONTROL PANEL (CCP) FOR SYNCHRONISATION AND CONTROL - Remark	Load sharing is part of our Engine control and Automation system which is in the scope of bidder	Noted. Required interface shall be consider with Generator, MCC and HT Switchgear shall be considered by Bidder. Bidder please furnish control philisophy which consist Starting, Synchronization with Grid, operation and Load sharing etc.
15	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.20.4	SCADA INCLUDING EWS & OWS etc.	The engines are controlled and monitored by the Engine control panel and HMI.However there are some common skids like Starting and Instrument air compressor,Water treatment,Lube oil unloading,Oily water treatment and transfer ,Water treatment etc is controlled by the Skid control panels. Some IOS are taken for monitoring in SCADA.	Noted. SCADA Shall be interface with Engine control and Automation system and other BOP systems as per NTPC Specifications & System requirements.
16	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.22	415V DG AUXILIARY MCC	415 V DG Auxiliary MCC shall be part of A2.2.8 and shall be in BHEL scope.Auxiliaries which is in the scope of bidder has the skid panels and the motors are controlled from this panels.Hence PCC is only required	Noted. DG MCC shall be part of A.2.28 i.e LT SWITCHGEAR (PMCC/MCC/ACDB)
17	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.23	DC SYSTEM FOR ENGINE STARTING (IF APPLICABLE)	Not applicable. The control panel and engine requires 110V DC or 230 VAC redundant inputs. Converters are part of the control panels which will convert to 24 VDC	Noted. Please furnish load list 230V AC & 110V DC.
18	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.28	LT SWITCHGEAR (PMCC/MCC/ACDB)	MV and LV Bus duct is missing which shall be in BHEL scope	Noted. Same are in BHEL Scope.
19	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.40.3	LO separator Tools	Gas being a cleaner fuel bidder doesn't envisage the need for this separator and hence the tools	Noted & Agreed
20	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.40.4	Electrical System Tools	This being a standard list from NVVN tender bidder requests BHEL to keep this scope	Specific Tools which are required for Bidder (OEM) supplied items i.e Engine Control System, SCADA etc are in Bidder scope. Other general items by Bidder.
21	Annexure-1-Scope Matrix _BHEL_QEM	2	A.2.48.1	ENGINEERING	Detail Engineering shall be in BHEL scope. Bidder shall submit Basic engineering inputs for the items which is in Bidder scope of supply.	Noted & Agreed
22	Annexure-1-Scope Matrix _BHEL_QEM	2	B.1	Design Engineering	Detail Engineering shall be in BHEL scope. Bidder shall submit Basic engineering inputs for the items which is in Bidder scope of supply.	Noted & Agreed
23	Annexure-1-Scope Matrix _BHEL_QEM	2	B.6	Design basis report	For respective items	Noted & Agreed

Sr.No	Reference			BHEL Specification's Requirement	Bidder's pre bid query	BHEL'S REPLY TO THE BIDDER PRE BID QUERY
	Doc No	Page No	Clause No			
24	Annexure-1-Scope Matrix _BHEL_QEM	2	B.7	BOQ (Structures , pipes ,valves and cables)	The cable BOQ shall be in BHEL scope . Consumer list will be submitted for Bidder supplied skids for sizing the LV cables. Control cable list for the plant control system will be submitted for BHEL to prepare the BOQ.	Noted for Cable Part only.
25	Annexure-1-Scope Matrix _BHEL_QEM	3	C.6	Sea shipment -freight charges	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in Bidder's scope
26	Annexure-1-Scope Matrix _BHEL_QEM	3	C.7	Inland transportation to site - imported eqpt.	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in BHEL's scope from Chennai Seaport to site
27	Annexure-1-Scope Matrix _BHEL_QEM	3	C.8	CIP-Site / FOR-Site (as per INCOTERMS 2010)	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - CIF Chennai
28	Annexure-1-Scope Matrix _BHEL_QEM	3	C.10	Port clearance	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in BHEL's scope
29	Annexure-1-Scope Matrix _BHEL_QEM	3	C.11	Customs Duty Payment	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in BHEL's scope
30	Annexure-1-Scope Matrix _BHEL_QEM	3	C.12	Transit insurance upto Indian port	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in Bidder's scope
31	Annexure-1-Scope Matrix _BHEL_QEM	3	C.13	Transit insurance -Port to site	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in BHEL's scope
32	Annexure-1-Scope Matrix _BHEL_QEM	3	C.14	Transit insurance -Ex-works to site	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in Bidder's scope upto Chennai Port
33	Annexure-1-Scope Matrix _BHEL_QEM	3	C.20	Vehicle (as per tender requirement)	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in BHEL's scope
34	Annexure-1-Scope Matrix _BHEL_QEM	3	C.21	Security for personnel and Items during installation	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in BHEL's scope
35	Annexure-1-Scope Matrix _BHEL_QEM	3	C.22	Site Office	Bidder requests BHEL to keep this scope	refer resoulution for deviation on DRAFT MOU - in BHEL's scope
36	Annexure-1-Scope Matrix _BHEL_QEM			Roof Top Solar PV	Roof Top Solar PV is missing which shall be in BHEL scope	Noted. Same are in BHEL Scope.