

DM PLANT - 1 x 800 MW TSGENCO KOTHAGUDEM TPS, STAGE - VII, PALONCHA
SCHEDULE OF PRE-BID CLARIFICATION

All clarification from the Technical Specification shall be filled in by the BIDDER clause by clause in this format only.

VOLUME	SECTION	CLAUSE NO.	PAGE NO.	SPECIFICATION REQUIREMENT	CLARIFICATION	REASONS FOR CLARIFICATION	BHEL REPLY
COMMERCIAL QUERIES:							
General	-	-	-	-	Kindly confirm whether separate orders are issued for Supply & Service Part.	For bidder's confirmation	Separate LOI's shall be issued for Main Supply, E & C and Supply of Mandatory Spares.
General	-	-	-	-	Kindly clarify if road permits & way bills for materials purchased outside Telangana shall be provided by BHEL.	For bidder's confirmation	Road permit is applicable & shall be provided by BHEL for materials purchased outside Telangana.
General	-	-	-	-	Kindly clarify if service tax is applicable on services part would be paid extra.	For bidder's confirmation	Refer clause no-18.A (i.e. Taxes & Duties) of SCC of the project.
General	-	-	-	-	Kindly confirm if Form C shall be issued by BHEL on Quarterly basis before the end of subsequent quarter.	For bidder's confirmation	Refer clause no-4.2.4 of GCC Rev-06.
General	-	-	-	-	Kindly provide the BHEL VAT registration number for Telangana.	For bidder's confirmation	Shall be intimated later
General	-	-	-	-	Kindly clarify if BHEL would sign High Sea Sales agreement for import purchases and also provide the applicable certificate and import & export registration codes.	For bidder's confirmation	High Sea Sales agreement not applicable
General	-	-	-	-	Kindly clarify if insurance coverage during transit, storage, erection & commissioning is under the scope of BHEL. If so, the insurance premium costs would not be in the scope of the contractor.	For bidder's confirmation	Refer clause no-17 of GCC Rev-06.
General	-	-	-	-	Kindly clarify if any concessions/benefits/exemptions on taxes & duties would be available for this job. If so, kindly clarify whether certificates for the same would be provided.	For bidder's confirmation	Refer clause no-18.A (i.e. Taxes & Duties) of SCC of the project.
General	-	-	-	-	Kindly clarify that civil works is not envisaged in this project.	For bidder's confirmation	Bidder to follow the tender specification.
General	-	-	-	-	Kindly clarify whether service tax (reverse charge) applicable on freight would be reimbursed or it should be loaded in the price bid.	For bidder's confirmation	Freight to be quoted inclusive of service tax (refer column no-6 of Price schedule). Freight shall be considered in evaluation (refer SCC)
General	-	-	-	-	Kindly clarify if two separate orders are issued by Supply & services, the TDS under Telangana VAT would not be applicable. For supply part tax invoice would be submitted and for service part, service tax invoice would be submitted.	For bidder's confirmation	Separate LOI's shall be issued for Main Supply, E & C and Supply of Mandatory Spares.
General	-	-	-	-	Kindly clarify whether VAT registration under Telangana would not be required for the contractor since Supply invoice would be submitted using Tamil Nadu VAT/CST registration since all materials would be purchased outside the state of Telangana.	For bidder's confirmation	Refer NIT & GCC Rev-06
General	-	-	-	-	Kindly clarify if the billing schedule of the order should be jointly signed by the purchaser and contractor for the contract price.	For bidder's confirmation	As per NIT
General	-	-	-	-	Kindly indicate to us whether Octroi and Entry Tax are applicable in the state of Telangana. If applicable, whether same would be reimbursed by BHEL.	For bidder's confirmation	Refer SCC of the project
PROCESS QUERIES:							
(Indian Bidder) DM Plant Price Schedule	SUGGESTIVE PRICE SCHEDULE	4.0	As per sheet titled PRICE SCH - MAIN	Break-up (%) of prices given at SI No-2.01 above (To be used during contract execution for payment).	Please confirm whether we can give the percentage breakup according to our estimated cost. Since most of the percentage are not matching to our estimation.	For bidder's confirmation	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section C1	2.0	Page 12 of 630	46) "All tanks as per P&ID & Data Sheet-A complete with inlet and outlet connections, drain system,..as required."	Kindly clarify if the Overhead Filter Backwash Water Storage Tank is under BHEL scope as the material of construction for the same is RCC.	For Bidder's confirmation/clarification	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section C1	2.0	Page 13 of 630	72) "One no. Electric Hoist with Monorail of minimum 1000 kg ..component to be handled by the Hoist."	Kindly clarify the location of the electric monorail hoist for the DM plant.	For Bidder's confirmation/clarification	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section C1	1.00.00	Page 71 of 630	B) (i) Location	Kindly clarify if the clarified water sump is an existing one?	For Bidder's information	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section C1	1.00.00	Page 71 of 630	B) (v) Type of pump	Kindly clarify the particle size in the fluid being handled.	For Bidder's confirmation/clarification	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section C1	13.00.00	Page 84 of 630	A) Number - Three (3) [one (1) number under operation another number kept as regeneration stand by and other as maintenance standby]	Kindly clarify, if the statement implies that one degasser pump will be designed for continuous operation, one for intermittent operation and other as standby for either continuous or intermittent operation.	For Bidder's confirmation/clarification	Please follow technical specification.

General	-	-	-	-	Kindly clarify if the provision of a WAC system is a necessity?	For Bidder's confirmation/clarification	This is a general clarification without the mention of references with respect to technical specification. In line with technical specification requirement general pre bid clarification will not be considered. However Bidder to follow technical specification requirement.
ELECTRICAL QUERIES:							
Volume II-B- PE-TS-410-163-A001	Section C3	7	Page 127 of 630	PLC shall be connected to DCS through serial link with OPC compliant for monitoring/control. For detailed please refer PLC Architecture	As per the PLC Architecture, the Bidder has assumed that the Fibre Optic cables from PLC to DCS is under BHEL's scope.	For Bidder's Confirmation	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section D	6.02.00	Page 145 of 630	DM PLC shall be connected to the common BOP network for remote operation / monitoring from CCR. BOP network shall be interfaced with DDCMIS through soft links.	Kindly confirm that the connection to BOP network is in BHEL's scope.	For Bidder's Confirmation	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section D3	1.01.0	Page 501 of 630	Each of the relevant BOP areas and different auxiliary systems shall be provided with dedicated PLC or proprietary control system for overall operation and control.	The Bidder has understood that entire DM Plant can be controlled from a single PLC. Please confirm	For Bidder's Confirmation	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section D3	1.01.01	Page 501 of 630	There shall be redundant bidirectional OPC link between DDCMIS network and each package PLC including PADO for monitoring/ performance activities.	The bidder has understood that the scope of instrumentation cables is only upto JB. JB to PLC, PLC to DDCMIS is under BHEL's scope. Please confirm.	For Bidder's Confirmation	Please follow technical specification.
Volume II-B- PE-TS-410-163-A001	Section D3	PLC Data Sheet	Page 507 of 630	RIO Panel	The Bidder has understood that there is no requirement of an RIO Panel. Hence only the main PLC panel will be provided. Please confirm.	For Bidder's Confirmation	Bidder to note that RIO panel is not required.
Volume II-B- PE-TS-410-163-A001	Section D3	PLC Data Sheet & PLC Configuration-PE-DM-410-145-1900	Page 509 of 630	Back Up Panel	In the Data sheet, it is marked as not required , whereas in the configuration a back up panel is shown. Should the Bidder provide a back up panel or not?	For Bidder's Confirmation	Back up panel shall be provided by Bidder.
Volume II-B- PE-TS-410-163-A001	Section D	6.02.00	Page 145 of 630	1 no OWS shall be placed in CCR control room in TG building for monitoring purpose of shift charge engineer	Kindly mention the distance between the DM Control Room and CCR, so that the Bidder can consider the required FO Cable	Length of FO Cable to be considered is not known.	FO Cable supply between OWS & DM PLC is in Bidder's scope and distance is 400m appx.
Volume II-B- PE-TS-410-163-A001	Section D3	PLC Configuration-PE-DM-410-145-1900	Page 509 of 630	OWS in CCR			No clarification has been raised. However Bidder to follow technical specification requirement.
Volume II-B- PE-TS-410-163-A001	Section D	6.02.00	Page 145 of 630	The basic mode of operation of Demineralization System is envisaged to be semi- automatic and sequential mode in nature Potable Water Treatment system shall also be controlled & monitored from the DM PLC	Kindly provide details of the Potable water treatment system, so that necessary I/Os can be considered by Bidder	To control Potable Water system	Please follow technical specification.