

Reply of Pre-Bid Queries

Sub: - Tender for providing Comprehensive Technical Design and Consultancy Services, including, preparation and approval of preliminary estimate for tender documents including conceptual drawings, specification for selection of contractor as per Clients contract documents, necessary drawings, documents & assistance to contractor for obtaining approval from local bodies & other activities as per detailed scope of work for "Flue Gas Desulphurization system (FGD) of Unit 6 of Ukai Thermal Power Station (1X500 MW)"

Ref: - NIT No DLI/CON/968/806 dated 16.11.2023

Sr. No.	Volume/ section	Clause No.	Tender Stipulations	Tender statement	Bidder Queries	EPI Reply
1	Vol - I	2.1 (page no 2 of 25, Pdf Pg. No. 4 of 108)	Volume-I- Scope of Work	Preparation of General Layout Plan for the entire FGD area for all building/ structure/ facilities/ other infrastructure works.	As cost of FGD depends on Compact Layout, the General layout plan for the FGD area shall be kept in Technology provider scope until it is approved in Cat-II by client/ its consultant. Subsequent revision/ updating during detailed engg shall be with Associate consultant, including developing layout of individual buildings and structures.	As per NIT
2	Vol - I	2.3 (page no 2 of 25, Pdf Pg. No. 4 of 108)	Volume-I- Scope of Work	Pre and Post construction approval from Gujarat State Electricity Company Limited (GSECL), local authorities and statutory bodies.	As EPIL will have a set up at site, the pre and Post construction approval from Gujarat State Electricity Company Limited (GSECL), local authorities and statutory bodies shall be kept in EPIL scope and any clarifications to the query from GSECL/local authorities on systems design shall be provided by Technology provider and detailed engg to be provided by Associate consultant.	As per NIT
3	Vol - I	2.5 (page no 2 of 25, Pdf Pg. No. 4 of 108)	Volume-I- Scope of Work	Modules for Quality Assurance (QA) and Quality Control (QC) measures have also to be prepared by the Consultant for supervision of the work by EPIL.	Generally QA & Qc will be submitted by contractor and consultant will review the same in compliance with the Client requirement. so preparation of QA & QC will be in the scope of package vendor. Please confirm the same.	As per NIT
4	Vol - I	2.6 (page no 2 of 25, Pdf Pg. No. 4 of 108)	Volume-I- Scope of Work	Coordination with EPIL, Technology Partner & associate Contractor, deployment of expert personnel for clarifications at any stage as and when required, preparations of progress monitoring module to ensure works to be executed as per engineering design, technical specifications and other provisions of contract document within stipulated timeline. Assisting in quantity evaluation, variations etc.	What is meant by Progress monitoring module	To prepare and update progress monitoring schedules during the execution of project
5	Vol - I	2.8 (page no 2 of 25, Pdf Pg. No. 4 of 108)	Volume-I- Scope of Work	Issue of Eight sets or as per Client (GSECL) requirement of "Good for Construction" working / detailed drawings for execution of works.	As EPIL will have a site establishment, the required hard copies of detailed drawings shall be arranged by EPIL at site as per GSECL requirement. This will save time and cost of courier sending copies of all drgs/revisions by Associate consultant, which will be considered as part of quoted price.	As per NIT

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6	Vol - I	2.7 (page no 2 of 25, Pdf Pg. No. 4 of 108)	Volume-I- Scope of Work	All formalities and clearances with necessary set of designs & drawings for handling over of the project, SOP for running and maintenance of different facilities and equipment's, preparation of AMC documents, detailed measurements of Civil, Mechanical, Electrical, Instrumentation to be submit to client after completion of project.	In general SOP will be prepared by Technology partner and Package vendors. The consultant will review and comment on the same. so preparation of SOP shall in the in scope of Technology partner and Package vendors. Please confirm the same. Also please elaborate the document need to be prepared by consultant for AMC	General SOP will be prepared by Technological Partner. However review and compilation of AMC documents,detailed measurements of civil ,structural and mechanical ,Electrical and C & I to be submitted to client after completion of project shall be done by sucessful bidder
7	Vol - I	2.12 (page no 3 of 25, Pdf Pg. No. 5 of 108)	Volume-I- Scope of Work	Inspection and evaluation of construction works with reference to design and drawings will be done as per the requirement till completion of project and certification of the same.	Whether consultant need to deploy team for inspection and evaluation of construction works. Please confirm the same	As per NIT
8	Vol - I	2.11 (page no 3 of 25, Pdf Pg. No. 5 of 108)	Volume-I- Scope of Work	Visit the site of work as per the requirement and clarify, offer interpretation of the drawings / specifications, attend conferences and meetings to ensure that the project proceeds generally in accordance to design and render advice on actions to assist EPI.	As the number, days and place of visits are not defined and cannot be estimated at tender stage, request to EPIL to arrange Flight tickets, local conveyance, boarding and lodging for the visits to GSECL Ukai site/ GSECL Vadodara office/ Consultant STEAG Noida office to assist EPIL	Tender condition prevails. Bidder needs to estimate the visits and quote accordingly
9	Vol - I	2.13 (page no 3 of 25, Pdf Pg. No. 5 of 108)	Volume-I- Scope of Work	Consultant have to obtain necessary statutory approval as per clause 17.0 of GSECL tender document (pg. 363-364 of 997).	As EPIL will have a set up at site, the pre and Post construction approval from Gujarat State Electricity Company Limited (GSECL), local authorities and statuary bodies shall be kept in EPIL scope and any clarifications to the query from GSECL/local authorities on systems design shall be provided by Technology provider and detailed engg to be provided by Associate consultant.	As per NIT
10	Vol - I	2.13 (page no 3 of 25, Pdf Pg. No. 5 of 108)	Volume-I- Scope of Work	Consultant have to obtain necessary statutory approval as per clause 17.0 of GSECL tender document (pg. 363-364 of 997).	In general the statutory approval mentioned in clause no. 17.0 of GSECL tender document will be taken by EPC contractor not by the consultant. Hence consultant will support EPIL in compiling the documents from vendors which were required by statutory bodies for approval. Please confirm the same	As per NIT
11	Vol - I	2.14 (page no 3 of 25, Pdf Pg. No. 5 of 108)	Volume-I- Scope of Work	Prepare and submit completion reports and drawings for the project as required and obtain "NOC/ Completion/ Occupancy Certificate" from statutory authorities	We understand that statutory authorities mean "Owner of the Ukai Plant" (GSECL).Please confirm the same	Tener Condition shall Prevail

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Sr. No.	Volume/section	Clause No.	Tender Stipulations	Tender statement	Bidder Queries	EPI Reply
12	Vol - I	2.16 (page no 3 of 25, Pdf Pg. No. 5 of 108)	Volume-I- Scope of Work	Consultant shall be responsible for Preparation of Extra / deviated / substituted items analysis with justification, during execution of said work from time to time if any.	Consultant shall be responsible for the engineering done by them. For rest of the areas consultant will review the Extra / deviated / substituted items analysis with justification submitted by package vendor and furnish our opinion on the vendor request to EPIL. Please confirm, our understanding is correct.	As per NIT
13	Vol - I	4.(i) (page no 1 of 6, Pdf Pg. No. 28 of 108)	Volume-I- Special Conditions of Contract	Professional liability insurance (PLI) of their scope of works/ services is under the scope of associate consultant/this tender and charges of the same shall be included in the fee quoted by the associate consultant. The Associate Consultant shall submit policy documents within 01 month from the date of LOI of EPI.	PLI will be taken for contract period of 22 months only	Tender condition prevails
14	Vol - I	4.(ii) (page no 2 of 6, Pdf Pg. No. 29 of 108)	Volume-I- Special Conditions of Contract	The Associate Consultant shall undertake environment impact assessment of the Project as per provisions of the Applicable Laws on environment protection and identify a package of measures to reduce/eliminate the adverse impact identified during the assessment.	As Technology provider is going to carry out the system design of FGD to meet environmental norms, the EIA study may be kept as part of Technology provider scope of work. Since, 6 units are in Ukai TPP, EIA study for the complete project will be required to be carried by a specialised agency (outsourced) and the Terms of reference for EIA study to be furnished by EPIL.	As per NIT
15	Vol - I	6.(i) (page no 2 of 6, Pdf Pg. No. 29 of 108)	Volume-I- Special Conditions of Contract	All expenses for visits to GSECL Ukai site/ GSECL Vadodara office/ Consultant STEAG Noida office performed by the Design Consultant in connection with issues pertaining to existing facilities at site/drawing approval/ meetings/ discussions etc. or during execution of project are included in the scope of Design Consultant and nothing extra beyond the agreed fees is payable to them.	As the number, days and place of visits are not defined and cannot be estimated at tender stage, request to EPIL to arrange Flight tickets, local conveyance, boarding and lodging for the visits to GSECL Ukai site/ GSECL Vadodara office/ Consultant STEAG Noida office	Tender condition prevails. Bidder needs to estimate the visits and quote accordingly
16	Vol - I	6.(ii) (page no 2 of 6, Pdf Pg. No. 29 of 108)	Volume-I- Special Conditions of Contract	All visits of Design Consultant shall be with prior written approval of EPI.		
17	Vol - I	8 (page no 2 of 6, Pdf Pg. No. 29 of 108)	Volume-I- Special Conditions of Contract	The total scope of services is to be completed within 22 (Twenty Two) months from the date of LOI. However, flow of drawings to start work at site shall commence from 10 days from the date of LOI received. All basic design engineering works shall be completed within 3 months	To take up detailed engg by Associate consultant, the basic engg /systems design document of Technology provider to be approved by GSECL/Its consultant. EPIL may indicate when the approve drgs/doc of Technology provider will be shared with Associate consultant	Basic Engg drawings approval is in process and shall be shared with successful bidder after placement of order
18	Vol - I	8 (page no 1 of 6, Pdf Pg. No. 36 of 108)	Volume-I- Mode of Payment	Title "Mode of Payment"	We presume the title is for " Schedule of payment"	As per NIT

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19	Vol - I	(page no 1 of 6, Pdf Pg. No. 36 of 108)	Volume-I- Mode of Payment (Stage-I(a),Description no.2)	Submission of detailed overall plant layout and its 3D Modelling	As General layout plant is prepared by Technology provider as part of basic engg, to check the interface the 3D modelling shall be in the scope of Technology provider, However , updating of GLP based on detailed engg will be done by Associate consultant. Also on which platform the 3D modelling need to be done shall be indicated.. Please share the details.	Tender condition prevails. 3D Modelling platform need to be decided by sucessful bidder on its own.
20	Vol - II	(page no 1 of 11, Pdf Pg. No. 57 of 728)	Volume-II General Scope of Work Point- 1	Detailed Overall Plant Layout and its 3D modelling	Overall plant layout and 3D Modelling shall be kept in Technology provider scope. On which platform the 3D modelling need to be done. Please share the details. As cost of FGD depends on Compact Layout, the General layout plan for the FGD area shall be Technology provider scope until it is approved in Cat-II by client/ its consultant. Subsequent revision/ updating during detailed engg shall be with Associate consultant, including developing layout of individual buildings and structures. As General layout plant is prepared by Technology provider as part of basic engg, to check the interface the 3D modelling shall be in the scope of Technology provider, However, updating of GLP based on detailed engg will be done by Associate consultant	Refer SI. No. 1 & 19
21	Vol - II	(page no 1 of 11, Pdf Pg. No. 57 of 728)	Volume-II General Scope of Work Point- 4	Providing engineering drawings, equipment sizing & performance data, instruction manuals, as built drawings and other information.	The overall performance data will be furnished by Technology partner however, package will submit the performance data, Instruction manual and as built drawings for his scope of work and the consultant will only review the same for completeness with respect to the scope of work. Please confirm our understanding is correct	Bidder understanding is correct, whereas consultant have to submit as built drawing of their scope as per NIT and review of all the other as built drawings of Package vender.
22	Vol - II	(page no 1 of 11, Pdf Pg. No. 57 of 728)	Volume-II General Scope of Work Point- 3	Review of complete Chimney EPC package including their detailed design and Chimney related studies, report documents.	Presume the preparation of EPC tender document of complete Chimney package including wind tunnel study, condensate study is not in the scope of Associate consultant	As per NIT
23	Vol - II	(page no 2 of 11, Pdf Pg. No. 58 of 728)	Volume-II General Scope of Work Point- 12.(iv)	One set of hard copy of Design calculation, Drawings and Documents, if any, which is not possible to submit as soft copy.	To save time and cost, hard copy shall be arranged by EPIL as per requirement	As per NIT
24	Vol - II	(page no 2 of 11, Pdf Pg. No. 58 of 728)	Volume-II General Scope of Work Point- 12.(vi)	Site visit as and when required shall be in the scope of bidder.	As the number, days and place of visits are not defined and cannot be estimated at tender stage, request to EPIL to arrange Flight tickets, local conveyance, boarding and lodging for the visits to GSECL Ukai site/ GSECL Vadodara office/ Consultant STEAG Noida office	Tender condition prevails. Bidder needs to estimate the visits and quote accordingly

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25	Vol - II	(page no 5 of 11, Pdf Pg. No. 61 of 728)	Volume-II General Scope of Work	Preliminary layout (first version) is in Astic scope and Detailed layout along with 3D Modelling will be generated by Consultant.	As cost of FGD depends on Compact Layout, the General layout plan for the FGD area shall be Technology provider scope until it is approved in Cat-II by client/ its consultant. Subsequent revision/ updating during detailed engg shall be with Associate consultant, including developing layout of individual buildings and structures. As General layout plant is prepared by Technology provider as part of basic engg, to check the interface the 3D modelling shall be in the scope of Technology provider, However , updating of GLP based on detailed engg will be done by Associate consultant.	As per NIT
26	Vol - II	(page no 10 of 11, Pdf Pg. No. 66 of 728)	Volume-II Civil & Structure Scope	Civil work	We presume Topography survey is already carried out by EPIL. The geotechnical investigation of FGD are area is already carried out by EPIL and Bearing capacity and pile foundation recommendation will be shared with Associate consultant immediately after place of award.	Will be shared with successful bidder.
27	Vol - I	(page no 1 of 25, Pdf Pg. No. 3 of 108)	Volume-I NIT	Last date and time of submission of tender(online) 07-12-2023, 3:00 PM	As time is required to prepare the bid documents and also get the clarifications from EPIL, request to extend the submission of tender (online) to 22-12-2023, 3 00PM	Any corrigendum/ Addendum will be notified on Portal
28	Vol - I	(page no 3 of 6 to 6 of 6, Pdf Pg. No. 38 to 41)	List of Packages Annexure-I	In scope "Supply+....."	Wherever In scope " Supply+....." is mentioned, we presume the scope is " Engg+ Supply+....."	Tender condition shall prevail.
29	Vol - I	(page no 7 of 25, Pdf Pg. No. 9 of 108)	NIT	The Micro Small enterprises (MSEs) bidders are exempted from submission of EMD & tender fees. MSE bidders have to submit registration letter (issued by MSME/ NSIC) (registered under single point registration scheme of NSIC, Govt. of India, Ministry of MSME, New Delhi vide Gazette Notification 26.03.2012 along with the form of Memorandum 2 with the concerned DIC). A request letter for exemption from submission of tender fee and EMD is to be submitted by bidder.	As we are MSE enterprises, the payment of EMD & Tender fee is exempted based on the above tender clause. Kindly confirm	As per NIT
30	Vol - I	(page no 6 of 6, Pdf Pg. No. 41 of 108)	List of Packages Annexure-I	FGD Automation System & Networking	Package name should include DDCIMS also. (i.e. FGD Automation System & Networking - DDCMIS) Please confirm.	Package name cannot be changed however this has already been considered in the package
31	Vol - I	(page no 5 of 6, Pdf Pg. No. 40 of 108)	List of Packages Annexure-I	Under scope "construction" is mentioned	CONSTRUCTION - Please confirm the EPC Chimney package scope includes Steel flue liner and Borosilicate lining and also wind tunnel study and Condensate study. Only Review engg is in the scope of by Associate consultant	Bidder understanding is correct, i.e. review Engineering of Chimney EPC Package is in the scope of Bidder.
32	Vol. I	NIT -2.3		Pre and Post construction approval from Gujarat State Electricity Company Limited (GSECL), local authorities and statutory bodies	Obtaining approvals from local authorities and statutory bodies need to be excluded from FGD Tech Design Consultant's scope.	As per NiIT

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33	Vol. I	NIT -2.7		All formalities and clearances with necessary set of designs and drawings for handling over of the project, SOP for running and maintenance of different facilities and equipment's, preparation of AMC documents, detailed measurements of Civil, Mechanical, Electrical, Instrumentation to be submitted to client after completion of project.	Obtaining clearances & performance measurement post contract period need to be excluded from FGD Tech Design Consultant's scope.	Please refer SI No.6
34	Vol.I	NIT -2.13		Consultant have to obtain necessary statutory approval as per clause 17.0 of GSECL tender document (pg. 363-364 of 997)	Obtaining statutory approvals to be excluded from FGD Tech Design Consultant's scope.	As per NIT
35	Vol.I	NIT 2.14		Prepare and submit completion reports and drawings for the project as required and obtain "NOC/ Completion/ Occupancy certificate" from statutory authorities.	Obtaining "NOC/Completion/Occupancy certificate" from Statutory authorities to be excluded from FGD Tech Design Consultant's scope.	As per NIT
36	Vol. I	NIT -2.15		No extra payment will be paid if any alteration is required by EPI/ CLIENT in design & drawing at any point of time	Alterations required during the contract period will be taken up as a part of scope. Terms for any work Tobe done beyond the contract period will be mutually agreed upon.	As per NIT
37	Vol. I	NIT -2.16		Consultant shall be responsible for Preparation of Extra/ deviated/ substituted items analysis with justification, during execution of said work, from time to time, if any.	Terms for Extra work to be done will be mutually agreed upon.	AS per NIT
38	Vol. II	Gen. Scope of Work P/1 of 11		Review of complete Chimney EPC Package including their detailed design and Chimney related studies, report documents	Since Chimney Design is not in the FGD Tech Design Consultant's scope, we request Chimney Design review to be taken out of scope.	As per NIT
39	Vol. II	Gen. Scope of Work		Detailed Overall Plant Layout and 3D Modelling	Approved Geo Technical Report, Plot Plan to be shared with the Bidders	Geo Technical Report is in progress and will be shared with sucessful bidder only
40	Vol. II	Gen. Scope of Work		Consumer List and Detailed Engineering by Consultant	Consumer List Inputs to be provided by Technology Provider	Successful bidder has to provide Consumer List and Detailed Engineering
41	NIT	NIT		Last Date of Submission of Tender	Request you to extend the Bid submission date from 07.12.2023 by 15 (fifteen) days to 22.12.2023	Any corrigendum/ Addendum will be notified on Portal.
42	Vol. I	Special Conditions of Contract – Clause No. 8		All Basic Design Engineering works shall be completed within 3 months	Approved Basic Engineering Drawings/ Inputs from the Technology Provider/ EPI will need to provided, to initiate Design Engineering Work by the FGD Tech Design Consultant & the consultant's timeliness will start thereafter. MDL/ Plan for submission of Design Engineering documents by the FGD Tech Design Consultant will be accordingly prepared.	Basic Engg drawings approval is in process and shall be shared with successful bidder after placement of order
43	Vol. II	Gen. Scope of Work		Civil & Structural related scope	FGD Technology Provider's inputs on Civil & Structural Specification (FGD Buildings & Construction Characteristics and Loads) will be required.	Confirmed