Corrigendum 1 dated 01.06.2022 to Tender Specification ENQ 22 PS 0005 PUR 1

PROCUREMENT OF BOROSILICATE GLASS BLOCK LINING MATERIALS ALONG WITH QA SUPERVISION DURING INSTALLATION CONDUCTING WET STACK MODEL STUDY FOR NTPL FGD ADDITIONAL CHIMNEY

A. The following clauses are revised as below: -

Sl. No.	Ref. Clause	Existing	Revised as
1.	PQR	B Technical Pre-Qualification Criteria for Wet Stack Model Study B.1. The Bidder should have carried out one (1) No. wet stack flow model study along with design of the condensate collection system for the wet stack installed after wet limestone based FGD Absorber in a coal/lignite fired power plant, which is in successful operation for a period of at least one (1) year as on 04.08.2020.	B Technical Pre-Qualification Criteria for Wet Stack Model Study B.1. The Bidder/Bidder's agency should have carried out one (1) No. wet stack flow model study along with design of the condensate collection system for the wet stack installed after wet limestone based FGD Absorber in a coal/lignite fired power plant, which is in successful operation for a period of at least one (1) year as on 04.08.2020.
2.	PQR	Note 2. The bidder shall furnish the following supporting documents (B.1.): i. Bidder shall furnish the PO copy/ study reports of at least one executed contract as mentioned in 'B.1.' above. Owner performance feedback certificates for executed wet stack flow model study for the reference project as in 'B.1.', which has been successfully in use for at least one year as on 04.08.2020 indicating the project name, date of issue of certificate, year of commissioning and name/ designation of the certificate issuer.	Note 2. The bidder shall furnish the following supporting documents (B.1.): i. Bidder shall furnish the PO copy/ study reports of at least one executed contract as mentioned in 'B.1.' above. ii. Owner performance feedback certificates for executed wet stack flow model study for the reference project as in 'B.1.', which has been successfully in use for at least one year as on 04.08.2020 indicating the project name, date of issue of certificate, year of commissioning and name/ designation of the certificate issuer. iii. In case, the bidder engages an agency for conducting the wet stack flow model study then an authorized letter from that agency must be provided citing the agreement between the bidder and agency and such letter shall comprise of all the Projects that requires Wet Stack Flow Model Study iv. Experience list of Bidder/Bidder's agency of wet stack flow model

Sl. No.	Ref. Clause	Existing	Revised as
			study for last 10 years
3.	Clause 12. TECHNICAL CONDITIONS OF CONTRACT Page 14 of 19	**12. MATERIAL DESPATCH CLEARANCE CERTIFICATE** Bidder shall intimate BHEL after readiness of 100% material at their works along with Manufacturing Test Certificate/ Warranty Certificate. BHEL will issue MDCC (Material Despatch Clearance Certificate) based on the Manufacturing Test Certificates. The Bidder (Foreign / Indigenous) shall dispatch the Borosilicate Glass Block lining materials only after issuance of Material Dispatch Clearance Certificate (MDCC) by BHEL. However, there shall not be any payment towards dispatch of materials. MDCC shall be issued by BHEL within one month of submission of Material Test Certificate. No material shall be dispatched by supplier unless and until Material Dispatch Clearance Certificate (MDCC) is issued by BHEL.	**12. MATERIAL DESPATCH CLEARANCE CERTIFICATE** Bidder shall intimate BHEL after readiness of 100% material at their works along with Manufacturing Test Certificate/ Warranty Certificate. BHEL will issue MDCC (Material Despatch Clearance Certificate) based on the Manufacturing Test Certificates. The Bidder (Foreign / Indigenous) shall dispatch the Borosilicate Glass Block lining materials only after issuance of Material Dispatch Clearance Certificate (MDCC) by BHEL. However, there shall not be any payment towards dispatch of materials. MDCC shall be issued by BHEL within one week of submission of Material Test Certificate. No material shall be dispatched by supplier unless and until Material Dispatch Clearance Certificate (MDCC) is issued by BHEL.
4.	Clause No. 7.2 Special Conditions of Contract (SCC)	Performance Bank Guarantee shall be furnished within 20 days from the date of Material Dispatch Clearance Certificate.	Performance Bank Guarantee shall be furnished within 20 days from the date of Manufacturing clearance. **I. Penalty for delay in PBG submission – (new addition)** Bidder agrees to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest (SBI rate + 6%) for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of

Corrigendum 1 dated 01.06.2022 to Tender Specification ENQ 22 PS 0005 PUR 1

PROCUREMENT OF BOROSILICATE GLASS BLOCK LINING MATERIALS ALONG WITH QA SUPERVISION DURING INSTALLATION CONDUCTING WET STACK MODEL STUDY FOR NTPL FGD ADDITIONAL CHIMNEY

Sl. No.	Ref. Clause	Existing	Revised as
			performance security due shall be recovered as per terms defined in NIT/ contract, from the bills along with due interest. Bidder can also furnish the undertaking that equivalent amount of PBG shall be recovered from the 1st and subsequent bills till the same is fully recovered.
5.	SPECIAL CONDITIONS OF CONTRACT (SCC), pg. 55 of 71	For Indigenous Bidder: The date of LR/GR/RR shall be considered the date of dispatch for levying LD in line with the provisions of time schedule specified at clause no. 4 of TCC. The date of delivery of Goods at Panki Site shall be considered the date of receipt of goods which should not be more than 10 days from the date of GR/LR/RR. In case, if date of receipt of material at destination is beyond ten (10) days from the date of LR/GR/RR, such excess period shall be considered for the purpose of applying liquidated damages	For Indigenous Bidder: The date of LR/GR/RR shall be considered the date of dispatch for levying LD in line with the provisions of time schedule specified at clause no. 4 of TCC. The date of delivery of Goods at Tuticorin Site shall be considered the date of receipt of goods which should not be more than 10 days from the date of GR/LR/RR. In case, if date of receipt of material at destination is beyond ten (10) days from the date of LR/GR/RR, such excess period shall be considered for the purpose of applying liquidated damages

Note

1. **All other conditions of the tender specification remain unchanged.**
2. **Bidders are requested to consider this corrigendum as part of tender specification and quote accordingly.**
3. **BHEL replies to bidder's query is given below**

-Sd-
Narayanan S
Manager / Purchase

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
1	B. Technical Pre-Qualification Criteria for Wet Stack Model Study (Pre-Qualification Criteria) - Notice Inviting Tender (NIT) Page 23 of 71	The Bidder should have carried out one (1) No. Wet stack flow model study	Request to revise as; The Wet Stack Model Study agency(s) proposed by Bidder should have carried out one (1) No. wet stack flow model study.	Refer corrigendum to Technical Pre-Qualification Criteria for Wet Stack Model Study
2	Clause 3.1 - SPECIAL CONDITIONS OF CONTRACT (SCC) Page 47 of 71	B Foreign bidders to quote in USD only on CIF (Cost, Insurance & Freight basis (Port-Tuticorin)	Bidder understand that almost shipping lines are not providing their service upto Tuticorin Port in India. Hence, please consider the alternative Port i.e. Chennai Port to deliver the contractual materials. (If acceptable, the same must be applied to all the terms & conditions for price & delivery in the tender to avoid any misunderstanding)	Tender conditions prevail.
3	Clause 6.7 - SPECIAL CONDITIONS OF CONTRACT (SCC) Page 53 of 71	3) LC shall not be linked with delivery and normally LC will be opened one month prior to material readiness and kept valid for 120 days from the date of issue.	Bidder understand that LC will be opened one month prior to the date of Manufacturing Test Certificate submission for the purpose of MDCC issuance. Please confirm.	confirmed.
4	Clause 10.1 DELAYED DELIVERY FOR SUPPLY OF BOROSILICATE GLASS BLOCK - SPECIAL CONDITIONS OF Page 55 of 71	The shipping company's intimation regarding arrival of ship at destination port shall be considered the date ofreceipt of goods at the destination port which should not be more than one (01) month from the date of on Board marine Bill of Lading. In case, if date of receipt of goods at destination port is beyond one (01) month from the date of on Board Marine Bill of Lading, such excess period shall be considered for the purpose of applying liquidated damages	Specifying a sailing period (from port of departure to port of destination) in one month seems to limit the port of shipment (or bidders) Further, transshipment which occurs unexpected delay might be required for the delivery which occure unexpected delay at transit port as bidder observed that no direct shipment to Tuticorin is available. Hence, please exclude the sailing period (one month) from the applying liquidated damages,	Tender conditions prevail.
5	Clause 3.1 - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 5 of 946	Design, Manufacturing & Supply of Borosilicate Glass Block Lining system consisting of minimum 51 mm thick closed cell borosilicate glass block lining matenal confirming to physical & chemical properties mentioned in technical specifications, handling, storage & transportation up to CIF Tuticorin (for foreign bidders) (FOR Site (for Indigenous bidder) including required epoxy primer and adhesive membranes, Mixing Machine, Special tools/tackles and any other etc.	Request to revise as; 3.1 Design, Manufacturing & Supply of Borosilicate Glass Block Lining system consisting of minimum 51 mm thick closed cell borosilicate glass block lining material confirming to physical & chemical properties mentioned in technical specifications, handing & transportation up to CIF Tuticorin (for foreign bidders) [FOR Site (for Indigenous bidder) including required epoxy primer and adhesive membranes, Mixing Machine	Tender conditions prevail.
6	Clause 3.8 - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 6 of 946	Supply of special T&Ps exclusively required for installation of Borosilicate Glass Block lining system shall also be in the scope of supplier.	Request to clarify that on-site inspection tools will be provided to deputed supervisor(s) for the purpose of verifying the quality of the lining system installation including the mixing machine only.	Tender conditions prevail.

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
7	Clause 3.8.1 - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 7 of 946	Mixing Machine: In order to ensure consistent, high quality mixing of the components of the lining system adhesive, (an) automated mixing machine(s) shall be provided with 3,200 W mixer motor with fail-safe protection against —The mixing machine must be CE —approved	Request to reuse as; Mixing Machine: In order to ensure consistent, high quality mixing machine of the components of the lining system adhesive, (an) automated mixing machine(s) SHALL be CE-approved. <Reason> Quality of mixing machine will be verified by CE certification and the machine will be sufficient to perform consistent operation. Also, the detailed technical specification of machine will be variable depending on manufacturer's technical know-how.	Tender conditions prevail.
8	Clause 3.8.2 - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 7 of 946	Bidder shall provide all special equipment, tools and instruments required for handling and storage, and for test and maintenance of borosilicate lining system provided under this Contract. Any special tools/ tackles, machinery/ equipment required to maintain the controlled environment (temperature, humidity, etc.) during installation of borosilicate glass block shall be in the scope of bidder.	Request to clarify which test for supplied/ applied lining system will be required at site AND Request to revise as Any special tools/tackles, machinery required to maintain the controlled environment (temperature, humidity, etc.) during installation of borosilicate glass block shall be in the scope of Purchaser/erection agency, <Reason> On-site inspection tools will be provided to deputed supervisor(s) for the purpose of verifying the quality of the lining system installation. If the test required by the left clause does not mean an inspection during installation/application, clarification will be required. Also, there is no special condition required for the application of the lining system, and only the same environment as the general working conditions inside the chimney/flue can needs to be provided	Tender conditions prevail.
9	Clause 3.12 EXPERT SUPERVISION - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 8 of 946	h. Working Hours: As per local BHEL site requirements. Normal working shall be 06 days per week. For Supervision Work: No overtime payment/ charges is payable. The Man days for payment purpose shall be calculated from the day when bidder reports at site for commencement of borosilicate execution work	Request to clarify the working hours per a day. Bidder understand that the Man days shall be calculated by dividing the daily working hours by the total working hours, which is understood to be applied in actual billing.	Normal working hours per day is 8 hours. The number of Man days shall be calculated by dividing the total working hours by 8 (normal working hours per day).

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
10	Clause 3.12 EXPERT SUPERVISION - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 9 of 946	i. Deployment Schedule Deployment needs to be planned in phased manner depending upon the progress at site. The schedule of execution of work for required supervision services shall be intimated by BHEL Further review meetings shall be held at site to discuss work progress and deployment program.	Request to reuse as; i, Deployment Schedule: Deployment needs to be planned in phased manner depending upon the progress at site. The schedule of execution of work for required supervision services shall be intimated by BHEL at least 2 months prior to on-site execution. Further review meetings shall be held at site to discuss work progress and deployment program	Tender conditions prevail.
11	Clause 3.12 EXPERT SUPERVISION - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 10 of 946	s. Payment shall be made for visit of vendor representative as per the time sheet certified by BHEL Engineer. Payment shall be released by BHEL on monthly basis against Invoices raised by Supplier to BHEL site with certified tlme sheet.	Request to revise as; s. Payment shall be made for visit of vendor representative as per the time sheet certified by BHEL Engineer. Payment shall be released by BHEL on monthly basis against Invoices raised by Supplier to BHEL site With certified time sheet and shall be released within 2 weeks from date of Invoices.	Tender conditions prevail.
12	Clause 8.1 MATERIAL SUPPLY - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 12 of 946	For Foreign Bidder • The date of Receipt of goods at Indian Port shall be considered for levying LD in line with the provisions of GCC. The shipping company's intimation regarding arrival of ship at destination port shall be considered the date of receipt of goods at Indian port	Specifying a sailing period (from port of departure to port of destination) in one month seems to limit the port of shipment (or bidders) Further, transshipment which occurs unexpected delay might be required for the delivery which occure unexpected delay at transit port as bidder observed that no direct shipment to Tuticorin is available. Hence, please exclude the sailing period (one month) from the applying liquidated damages,	Tender conditions prevail.
13	Clause 8.2. EXPERT SUPERVISION FOR INSTALLATION OF BOROSILICATE GLASS BLOCK LINING - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 14 of 946	Bidder/Seller shall arrange for deputation of supervisors within 2 weeks of BHEL intimation.	Request to revise as; Bidder/Seller shall arrange for deputation of supervisors within 2 months of BHEL Intimation.	Tender conditions prevail.
14	Clause 12. MATERIAL DESPATCH CLEARANCE CERTIFICATE - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 15 of 946	MDCC shall be issued by BHEL within one month of submission of Material Test Certificate.	Request to clarify whether the required time for MDCC issuance is one week or one month as it is conflict with the clause 8, TIME SCHEDULE mentioned in the TCC	MDCC shall be issued by BHEL within one week of submission of Material Test Certificate.
15	Clause 23.2 - TECHNICAL CONDITIONS OF CONTRACT (TCC) Page 18 of 946	For workers coming from outside, special transportation facility shall be arranged without any dependency on the public transport system. These vehicles should be allowed to work only with 30-40% passenger capacity	Request to clarify if it can be understood that the transportation facility shall be arranged by EPC contractor for deployed supervisors of Borosilicate Lining Suppliers.	Tender conditions prevail. Transportation facility to be arranged by Borosilicate Lining Supplier at his cost.

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
16	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING Borosilicate Blocks - Section-C Specific Technical Requirements Page 285 of 946	Compressive strength of at least 1.38 Mpa / 1.1 N/Sq.mm as per ASTM c. 165	Request to revise as; Compressive strength ofat least 1.1 Mpa / 1.1 N/Sq.mm as per ASTM C 165 * Bidder understand that the values represented by the two units i.e. MPa and N/Sq.mm are the same. For example, 1.1 MPa shall be understood as 1.1 N/Sq.mm	Tender conditions prevail.
17	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING Borosilicate Blocks - Section-C Specific Technical Requirements Page 285 of 946	Flexural strength of at least 0.62 Mpa / 0.8N/Sq,mm as per ASTM c.203/C.240	Request to revise as; Flexural strength of at least 0.8 Mpa / 0.8N/Sq.mm as per ASTM C.203/C.240 * Bidder understand that the values represented by the two units i.e. MPa and N/Sq.mm are the same. For example, 0.8 MPa shall be understood as 0.8 N/Sq.mm	Tender conditions prevail.
18	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING Borosilicate Blocks - Section-C Specific Technical Requirements Page 285 of 946	Thermal conductivity of 0.087 W/m0K at a mean temperature of 38 oc as per ASTM C177 and ASTM C518	Request to revise as; Maximum Thermal Conductivity of 0.087 W/m•K at mean temperature of 380C as per ASTM C177 or ASTM C518 * The maximum range of value shall be provided	Tender conditions prevail.
19	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING Borosilicate Blocks - Section-C Specific Technical Requirements Page 286 of 946	Tensile strength at 23 0 C of 1.0 N/mm2 as per ASTM D.412	Request to revise as; Minimum tensile strength at 23 deg C of 1.0 N/mm2 as per ASTM D412 * The minimum range of value shall be provided	Tender conditions prevail.
20	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING - Adhesive membrane - Section-C Specific Technical Requirements Page 286 of 946	Elongation at 23o C of 147.0 % as per ASTM D.412	Request to revise as; Minimum elongation at 23 deg C of 147 % as per ASTM D412 * The minimum range of value shall be provided	Tender conditions prevail.
21	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING - Adhesive membrane - Section-C Specific Technical Requirements Page 286 of 946	Moisture vapor transmission of 0.0048 Perm inches as per ASTM C.96 Method E	Request to revise as; Moisture vapor transmission of Maximum 0.0048 Perm Inches as per ASTM E96. * The maximum range of value shall be provided	Tender conditions prevail.
22	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING - Wet stack properties of the lining system - Section-C Specific Technical Requirements Page 286 of 946	The lining system (borosilicate glass block and adhesive) shall be tested for its wet stack surface properties by an independent approved institute, subject to acceptance by the Purchaser,	Request to allow the existing requirement to be met by submitting test report which have been performed in the past	Tender conditions prevail.

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
23	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING -Installation of Borosilicate Block - Section-C Specific Technical Requirements Page 286 of 947	All the equipments and tools required to install Borosilicate Glass Block lining system including Polyethylene film, Rag, Wire brush, Plastic sink, Electric drill, Mixer Blade, Insulated saw, Float, Paint brush, hand cleaner, Cleansing glove, Hygrometer, Surface thermometer, white chalk, white spray etc as required shall be arranged by the bidder.	Request to revise as; All the equipments and tools required to install Borosilicate Glass Block lining system including Polyethylene film, Rag, Wire brush, Plastic sink, Electric drill, Jiffr' Mixer Blade, Insulated saw, Float, Paint brush, hand cleaner, Cleansing glove, Hygrometer, Surface thermometer, white chalk, white spray etc as required shall be arranged by the application agency.	The general tools & equipments required for application of Borosilicate lining system is in the scope of BHEL's application agency.
24	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING -Testing - Section-C Specific Technical Requirements Page 288 of 946	Heat cycling resistance The lining system shall, through documented testing, have been proven resistant to thermal shock, for a minimum of 1000 cycles, where each cycle results In the lining surface temperature to rise from ambient temperature to 180 oc, and back to ambient temperature	Request to revise as; The lining system shall, through documented testing, have been proven resistant to thermal shock, for a numerous cycles, where each cycle results in the limng surface temperature to rise from ambient temperature to 150 oc, and back to ambient temperature.	Tender conditions prevail.
25	Clause 1.07.00. SPECIFICATION FOR BOROSILICATE LINING - Performance, Safety and fire risk - Section-C Specific Technical Requirements Page 289 of 946	The lining system (borosilicate glass block and adhesive) shall be tested and certified for fire risk by an approved institute subject to acceptance by the Purchaser, and thorough testing as per relevant ASTM standards.	Request to allow the existing requirement to be met by submitting test report as per relevant test method which have been performed in the past.	Tender conditions prevail.
26	Clause 2.1.1 Volume: Il B, Section-D, Sub Section D26, Borosilicate Glass Block Lining System (Specification No. PE-TS-999620-002) Page 855 of 946	Design, preparation of working drawings, material supply, erection, application, Handling, transportation, storage, preservation, pack and furnish with adequate moisture proof packing and test of borosilicate glass block lining system on flue liner substrate including:	Request to revise as; "Material supply, with adequate seaworthy packing and supervision service during lining application." <Reason> Our scope is restricted to supply lining materials and supervision service during application stage	Erection/application of Borosilicate lining system, handling & transportation within the site, storage & preservation at site shall be in the scope of BHEL's application agency. Preparation of working drawings, if required durig application of lining system is in the scope of Bidder.
27	Clause 2.1.4 Volume: Il B, Section-D, Sub Section D26, Borosilicate Glass Block Lining System (Specificaiton No. PE-TS-999620-002) Page 856 of 946	The contractor shall furnish all design, labor, materials, tools and equipment necessary for the installation of borosilicate lining system, as indicated and specified herein.	Request to clarify that our scope is restricted to supply materials and supervision service during application stage. On-site inspection tools & mixing machine will be provided to deputed supervisor(s) for verifying the quality of the lining system installation.	Except for Design & supply of materials for Borosilicate Lining System which is in the scope of Bidder, the referred clause is in the scope of BHEL's Application agency.
28	Clause 7.2.6 Volume: Il B, Section-D, Sub Section D26, Borosilicate Glass Block Lining System (Specificaiton No. PE-TS-9996200002) Page 858 of 946	Contractor shall produce certificates from an independent institute of sufficient knowledge and expenence, subJect to acceptance by the project owner, showing that the workers can do the work on supplied lining system safely, without any adverse health effects and without requiring excessive protective measures.	Request to exclude the left from the Bidder's work scope. <Reason> We have covered such inspection on our own during our strict expert supervision at site till the present but have no such special inspection record In the presence of an independent Institute	Tender conditions prevail.

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
29	Clause 8.1 Facilities Volume: II B, Section-D, Sub Section D26, Borosilicate Glass Block Lining System (Specificaiton No. PE-TS-999620-002) Page 860 of 946	Contractor shall construct adequate facilities for the storage of material. Upon completion of fabrication, the contractor shall remove the fabrication facility from the site and return the area to the preconstruction condition.	Request to exclude the left from the Bidder's work scope <Reason> Our scope is restricted to supply lining materials and supervision service during application stage	The referred clause is in the scope of BHEL's application agency.
30	Terms and Conditions for Deputation of Foreign Experts Page 887 of 946	Whole contents	Request to clarify whether the Foreign Experts/ Specialists are only allowed for supervising the lining application.	Specialist shall be a person who is in the permanent roll of the company of the Bidder with the experience mentioned in Clause no.2.3 of TECHNICAL CONDITIONS OF CONTRACT Page 4 of 19
31	Sl. No. 1.02. BOQ_12821	Quantity	Bidder understand that the 180 Man days for supervision activity is tentative and may charge the actual deployment of Supervisory personnel at site based on mutually agreed programme. Please confirm.	Confirmed. Please refer Technical Conditions of Contract, Clause 3.12-w
32	PQR for Flow stack Study	B.1. The Bidder should have carried out one (1) No. wet stack flow model study along with design of the condensate collection system for the wet stack installed after wet limestone based FGD Absorber in a coal/lignite fired power plant, which is in successful operation for a period of at least one (1) year as on 04.08.2020.	We request you to kindly note that flow stack study along with condensate collection system is a specialised work done by design and research institutions .	Refer corrigendum to Technical Pre-Qualification Criteria for Wet Stack Model Study

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
33	Payment terms	Payment terms: As per tender : II. For Foreign Bidder: 1) Eighty percent (80%) of CIF Price of material supplied as per BOQ item No. 1 of Rate Schedule shall be paid through irrevocable Usance Letter of Credit at 90 days 2)Fifteen percent (15%) of CIF price of material as per BOQ item no. 1 of rate schedule shall be paid through Usance Letter of Credit (LC) at 30 days from the date of issuance of material receipt certificate (MRC) against presentation of documents specified below or within 90 days 3) Five percent (5%) of CIF Price of material supplied as per BOQ item No. 1 of BOQ cum Rate Schedule shall be paid through Usance Letter of Credit (LC) at 30 days on completion of application of Borosilicate Glass Block lining system throughout the flue liner and the flue gas duct as per the scope of work certified by BHEL Site Engineer	We propose to amend the payment terms to the last tender of PSWR, which is as given below: 1) Ninety percent (90%) of CIF Price of material supplied as per BOQ item No. 1 of Rate Schedule shall be paid through irrevocable Usance Letter of Credit at 90 days 2) Ten percent (10%) of CIF price of material as per BOQ item no. 1 of rate schedule shall be paid through Usance Letter of Credit (LC) at 30 days from the date of issuance of material receipt certificate (MRC) against presentation of documents specified below or within 90 days from the date of submission of documents of Despatch whichever is later.: We request you to kindly look into the above and revert back.	Tender conditions prevail.

Prebid queries & BHEL replies for the tender for

DESIGN AND SUPPLY OF BOROSILICATE GLASS BLOCK LINING SYSTEM, EXPERT SUPERVISION FOR INSTALLATION WORKS OF LINING WORKS IN CHIMNEY/ DUCT AND WET STACK FLOW MODEL STUDY

Sr. No.	Reference Clause & Technical specification	Existing Provision	Bidder's query	BHEL's Reply
34		B Technical Pre-Qualification Criteria for Wet Stack Model Study B.1. The Bidder should have carried out one (1) No. wet stack flow model study along with design of the condensate collection system for the wet stack installed after wet limestone based FGD Absorber in a coal/lignite fired power plant, which is in successful operation for a period of at least one (1) year as on 04.08.2020.	We had participated in a BHEL PSWR enquiry last year & below was the condition for Wet Stack Model Study: The Bidder/Bidder's agency should have carried out wet stack flow study which has successfully performed at least two (2) Flow Model Studies, in separate coal fired power plants, of wet stack installed after wet limestone based FGD absorber (without reheating of cleaned flue gas), and based on the studies developed at least two (2) wet stack liquid collection systems which are in successful operation for a period of at least two (2) years reckoned as on the date of consideration for approval. Please note that the Wet Stack Model Study is performed by limited agencies (The agencies are not supplier's or manufacturer's of Borosilicate Glass Block Lining System) We request for your acceptance on submission of credentials of Bidder's agency instead of credentials of Bidder to satisfy Pre-Qualification Criteria for Wet Stack Flow Study.	Refer corrigendum to Technical Pre-Qualification Criteria for Wet Stack Model Study