



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-25-Jul-25

CORRIGENDUM- 01

PROJECTs	:	FRAMEWORK AGREEMENT (RATE CONTRACT)
PACKAGE	:	Civil Engineering Service for non-plant buildings/ structures
Enquiry No.	:	77/25/6075/SEE dtd 15.07.2025
SUBJECT	:	Pre Bid Clarifications & Revised Technical PQR

Type of Corrigendum			
Technical Corrigendum -	<input checked="" type="checkbox"/>	Commercial Corrigendum -	<input checked="" type="checkbox"/>

BHEL Reply to Prebid clarifications are attached as corrigenda for communication to all the bidders.

Commercial Clarifications Annexure-I
Technical Clarifications Annexure-II
Revised Technical PQR Annexure-III

All other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

Yours faithfully,

For and on behalf of BHEL

Seema Khatri
Sr. Manager/CMM

ANNEXURE-I

BHEL-PEM (NOIDA)						
ENQUIRY NO. : Enquiry No- 77/25/6075/SEE dated 15.07.25 (TENDER ID: 2025_BHEL_50718_1)					DATE: 24-07-2025	
FRAME WORK AGREEMENT (Rate Contract) of Civil Engineering Service for non-plant buildings/ structures						
PRE-BID CLARIFICATIONS						
SI No	Reference				Bidders Queries	Response from BHEL
	Section	Chapter / Cl. No	Page No.			
COMMERCIAL						
A	NIT					
1					Kindly specify Techno-commercial Document list	Refer Sr No. 45 of NIT, Pg 9/52 for the List of documents which need to be uploaded on e-procurement portal along with offer
2					Do we need to submit the Financial details of the last three years along with Tender?	Financial PQR is not applicable however bidder to furnish the documents for meeting the Technical PQR submitted along with tender.
3					Are we allowed to sign the "Format for Local Content Certificate" as per MII orders?	Yes , Bidder has to upload duly signed & stamped copy of format for local content.
4					We have noted that the liquidated damages (LD) clause in the tender specifies a maximum of 10%, whereas the industry norm for most tenders is generally 5%.We kindly request you to reconsider and revise the LD clause to a maximum of 5%, in line with prevailing industry practices.	Kindly follow NIT requirement.
5					We seek your kind clarification regarding the Reverse Auction process mentioned for the design tender. Could you please explain how the reverse auction will be conducted and its applicability to this tender?	Kindly refer RA Guidelines on Bhel.com for further details related to RA. Refer https://www.bhel.com/guidelines-reverse-auction-2024.
6					Point No 29 Framework Agreement: If the PO is for one year and the rate for the contract should be one year.	Kindly note that framework agreement rate contract is proposed for two(02) years. However respective project P.O. time of completion of all works/services shall be 12 months from the date of award of work.
7					Point No. 38 What is GeM Seller ID?	Kindly note that GeM is an e-procurement portal . Vendor should be registered on this portal and Refer Point No.38 of NIT as per that GeM Seller ID shall be mandatory before placement of order/award of contract to the successful Engineering service providers
8					Point No. 45 : what is Local Content Certificate in line with make in India circular & Land Border certificate	Kindly refer page No. 14/52 & 15/52 of the Tender Document /NIT for the Land Border Certificate & MII format
9					What is IP format?	IP is Integrity Pact format. Kindly refer sheet No. 16-19/52 of the Tender Document /NIT for the same.
10					Section 4: Compensation of Damage 5%	NA as EMD & SD both are NA for the current Tender.
11	NIT	Point no.39			Format for Accountant/Audit/Self-Declarations.(Page-7)	Kindly note that Financial PQR is not applicable however bidder to furnish the documents for meeting the Technical PQR submitted along with tender.
12	NIT	Point no.40			Format for Undisclosed Agreement.(Page-7)	Kindly note that format related to point No. 40 of NIT is the Integrity Pact (IP) format. Kindly refer sheet No. 16-19/52 of the Tender Document /NIT for the same.
13	General				GeM Seller ID will not be required while submitting the tender. Same can be provided before order placement	Noted.
14					If projects are allotted on 45:30:25 basis, in our opinion there should not be the condition of minimum value of professional receipts.	NIT Clause No. 29 shall prevail.

ANNEXURE-II

ENQUIRY NO. : Enquiry No- 77/25/6075/SEE dated 15.07.25 (TENDER ID: 2025_BHEL_50718_1)					BHEL-PEM (NOIDA)		DATE: 24-07-2025	
FRAME WORK AGREEMENT (Rate Contract) of Civil Engineering Service for non-plant buildings/ structures								
PRE-BID CLARIFICATIONS								
Sl No	Reference				Bidders Queries	Response from BHEL		
	Section	Chapter / Cl. No	Page No.					
TECHNICAL								
B	General	--	--					
1					Need clarification regarding Scope of work for Services (MEP ,HVAC).	Relevant inputs for Mechanical, electrical & HVAC shall be provided by BHEL. However, plumbing is in bidder's scope.		
2					We will require External associate consultant for some work like 3d view etc. Can we Submit software licence in their name? Kindly allow us to make this arrangement .	Refer the revised Technical PQR		
3					We normally outsource the 3D views etc. we request you to remove this from the "Technical bid qualification".	Refer the revised Technical PQR		
4					What papers are to be submitted to prove the Software license?	Refer the revised Technical PQR		
5					Does all MEP works are in our (bidders') scope of works or BHEL will be supplying the details?	Relevant inputs for Mechanical, electrical & HVAC shall be provided by BHEL. However, plumbing is in bidder's scope and follow technical specification.		
6					Whether consortium is allowed or not?	Not allowed. Tender conditions prevail.		
7					If yes, any format available to submit?	Tender conditions prevail.		
8					Does any criteria for experience of Architect / Architectural Firm fall in prequalification requirement?	Tender conditions prevail.		
9					Instead a criteria for magnitude of projects like on Covered area basis in ones professional life, not in last 7 years, be considered as eligibility criteria.	Tender conditions prevail.		
10					Therefore, criteria for Prequalification requirements of 3, 2 or 1 project of specified Professional Fees be waived off.	Tender conditions prevail.		
11					Point 7: Submission procedure	Query is not clear. Tender conditions prevail.		
12					Could you please confirm whether the timeline refers to working days or calendar days? Are Saturdays, Sundays, and public holidays included?	Calendar days.		
13					Point No 10: Should any error occur during site execution due to the contractor's fault, and where the site engineer is appointed by BHEL, the cost associated with the revision of the affected drawings shall be considered reimbursable.	Not acceptable. Technical specification prevails.		

PRE-BID CLARIFICATIONS						
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14					Could you please let me know how many days BHEL takes to approve the request?	BHEL will try and expedite the approval. However, time frame for approval depends upon the time taken by BHEL's customer.
15					Minor comments and observations shall be incorporated without additional cost. However, if there are major changes in planning after approval, the resulting revisions shall be considered reimbursable.	Not acceptable . Technical specification prevails.
16					An initial set of 2 to 3 3D views will be provided. Any major revisions requested thereafter shall be treated as reimbursable.	Not acceptable . Technical specification prevails.
17					What about other software such as ZWCAD, GstarCAD, ProgeCAD, BricsCAD, and 3D software like SketchUp?	Refer the revised Technical PQR. For submission of drawings and documents follow Technical specification.
18					Could you please confirm the expected time frame for BHEL's approval of the submitted drawing package?	BHEL will try and expedite the approval. However, time frame for approval depends upon the time taken by BHEL's customer.
19					Please elaborate the formula.	Factor is provided in each cell against each item.
20	PE-TS-RC-600-C001	Page no 3	4	List of probable Projects	Any other Project, BHEL to provide the exact location as the Location will impact on foundation type,	Relevant inputs shall be provided after award of contract to successful bidder.
21	PE-TS-RC-600-C001	Page no 7	7	Submission procedure	Item no. 4 Civil & Structural drawings for sub structures within 10 days of approval of Architectural conceptual drawings This is possible only after approval of detailed architectural plan, elevation & section drawings and for submission of Structural drawings of Sub structure and super structure will need minimum 15 calendar days depending on the size of buildings vi) For Inputs BHEL can take upto 3 months from date of award of work, so bidder time frame crunches to 9 Months; Please confirm the time schedule	Technical specification prevails.
22	Annexure - I	Page no 1	1.1 t)	Architectural Concept & design	Clarification required for SoW about these buildings as these are not mentioned in Cl.5 -Page-3 of PE-TS-RC-600-C001	Annexure -1 is only for the reference purpose . Same is not in bidders scope. For scope of work refer clause no-03 of technical specification.
23	Annexure - I	Page no 1	1.1 a)	Architectural Concept & design	Architect of 5 yr experience required for Power Plant experience;equivalent experience in similar industry can/shall be considered as required experience.Please confirm	Tender conditions prevail. Annexure -1 is only for the reference purpose .
24	Annexure - I	Page no 5	2	General Requirements	Grade Slabs with equipment foundation mentioned;slabs for which equipments?	Relevant inputs shall be provided after award of contract to successful bidder.Annexure -1 is only for the reference purpose .
25	Annexure - I	Page no 1	1.1 c)	Architectural Concept & design	c) Landscape design, scope is not clear Any standard drawings / specifications for civil, structural, electrical will be provided?	Landscape design is not in bidders scope. Relevant inputs shall be provided after award of contract to successful bidder. Annexure -1 is only for the reference purpose. For scope of work refer clause no-03 of technical specification.
26	Annexure - I	Page no 2	1.1 o & p)	Architectural Concept & design	o & p) Drainage system scope is not clear	Plumbing related to the building and garland drain is in bidder's scope. Annexure -1 is only for the reference purpose. For scope of work refer clause no-03 of technical specification.


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27	Annexure - I	Page no 2	1.1 s)	Architectural Concept & design	s) Ramps & Lifts – Any. specification?	Relevant inputs shall be provided after award of contract to successful bidder. Annexure -1 is only for the reference purpose.
28	Annexure - I	Page no 3	1.1 t)	Architectural Concept & design	t) Powerhouse & Boiler House is in Bidder's scope or not?	Annexure -1 is only for the reference purpose . Same is not in bidders scope. For scope of work refer clause no-03 of technical specification.
29	Annexure - I	Page no 5	3	Transformer Foundation	Soak pit & Oil separation unit is in Bidder's scope or not? Any cover/roof requirement?	Relevant inputs shall be provided after award of contract to successful bidder. Annexure -1 is only for the reference purpose.
30	Annexure - I	Page no 6	4.1	Salient Features	MOC for Road?	Annexure -1 is only for the reference purpose . Same is not in bidders scope. For scope of work refer clause no-03 of technical specification.
31	Annexure - I	Page no 6	4.2	Architectural features:	AAC Blocks or 230 mm thick brickwork to be considered for walls in buildings	Relevant inputs shall be provided after award of contract to successful bidder. Annexure -1 is only for the reference purpose.
32	Annexure - I	Page no 7	4.2	Architectural features:	SS- Junction Box and Cable tray? (CS usually) The building shall have terracing at different levels?? Explanation required: Balcony or step by step structure required?	Relevant inputs shall be provided after award of contract to successful bidder. Annexure -1 is only for the reference purpose .
33	Annexure - I	Page no 6	4.2	Architectural features:	Brick masonry or AAC (Autoclaved Aerated Concrete) ?	Relevant inputs shall be provided after award of contract to successful bidder. Annexure -1 is only for the reference purpose.
34	Annexure - I		8	General Requirements	No. of lifts? Minimum only specified	Relevant inputs shall be provided after award of contract to successful bidder. Annexure -1 is only for the reference purpose.
35	Annexure - I			General Requirements	Many buildings mentioned here are not part of list of buildings mentioned previously	Relevant inputs and list of buildings shall be provided during award of work to the successful bidder. Annexure -1 is only for the reference purpose .
36	Annexure - I			General Requirements	Pile capacity and pile reinforcement detail will be included in Geotechnical report. BHEL to confirm.	Pile capacity and pile drawings shall be provided by BHEL. Design of pile cap is in bidder's scope. Annexure -1 is only for the reference purpose . For scope of work refer clause no-03 of technical specification.
37				PQR	This query is regarding point no. B of PQR, As regards Autocad software: There are several drawing software now available, and most of them are compatible with Autocad. We have software named ZW Cad (Perpetual licenses) and it's fully compatible with Autocad, we need your approval on the software. As regards STAAD software: We do not have any software in our name. Our Associate M/s RSM Engineering Consultants have Software naming STTAD and E-TAB in their name and will be doing all the Structural design upto your satisfaction. We need your approval on this. As regards Revit / 3D max software: We normally outsource the 3D design of our building hence we should be exempted from this condition.	Refer the revised Technical PQR

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38				PQR	In general,we develop 3-D views and models for any project with external consultants as this is very specific professional work and requires good quality. As it is not regular work for any engineering design consultant,we prefer (and in general all design industry consultancy do like that) external professional 3-d consultancy services. So we request you to kindly modify this requirement.	Refer the revised Technical PQR
39				PQR	We are capable of drawing work with AutoCAD and Staadpro (as your requirement) and will deliver you all the deliverables with those software only but our main concern is that you ask for a specific number of software requirements. As we experienced with our other project with the same kind of tender,there is no such kind of required no. Of software. Kindly revisit this and modify accordingly.	Refer the revised Technical PQR
40				PQR	Technical Pre-qualification Requirement for the Latest Licensed version of Softwares.We would like to inquire whether outsourcing is permissible for the submission of the Structural and 3d Part of the Project	Refer the revised Technical PQR
41	PE-TS-RC-600-C001	Work Experience Part (B)		PQR	As per the eligibility criteria one number REVIT/ 3-D Max software license is required. Please confirm requirement of this software will be after the award of this contract and as such a written confirmation from the bidder that they will acquire the license before start of work should be acceptable to BHEL.	Refer the revised Technical PQR
42	PE-TS-RC-600-C001	Work Experience Part (A)		PQR	Bidder presumes that similar works of architectural and Civil building having height of more than 15 meters as part of bigger project will be acceptable. In such case price break of the project, shall be accepted for the value of the similar works.	Tender conditions prevail.
43				PQR	We request to Relax the requirement of softwares in the Minimum Eligibility criteria a) No. of Autocad License to be reduced b) Regarding Stadd Pro as it is generally used by the associate consultant whom we engage for Structural designing so should not be asked for minimum eligible criteria c) Revit is a advanced substitute for Autocad and should not be keep as eligible critera. d) 3D Max is a software to used 3D view/Animation and now many other substitute like sketchup, lumion etc. are available for this work, and most of the cases as these software costs are high and not of a regular use for architectural office. therefore Architects generally hire the external agencies for the rendering works. we request you kindly to consider the request.	Refer the revised Technical PQR
44				PQR	We respectfully request a reconsideration of the software-related requirements outlined in the Minimum Eligibility Criteria. Our specific suggestions are as follows: a) STAAD Pro is typically used by structural consultants whom we engage separately for structural design services. Therefore, it may not be necessary to include it in the minimum eligibility criteria. b) Revit is an advanced alternative to AutoCAD, and including both as mandatory requirements may not be justified. It is requested that Revit not be listed as an essential criterion. c) 3ds Max is primarily used for 3D visualization and animation. With various alternatives like SketchUp, Lumion, and others now available, most architectural firms prefer to outsource such work due to the high cost and occasional need for these tools. In view of the above, we kindly request you to review and relax the software-related eligibility requirements	Refer the revised Technical PQR

PRE-BID CLARIFICATIONS					
Sl No	Reference				
	Section	Chapter / Cl. No	Page No.		
45				PQR	<p>GEPL is an engineering consultancy company, started it's operation in 2011, and gathered quite a good credential for last 14 years having imparted services to reputed companies like NTPC, Air Liquide (erstwhile Lurgi), GE, TECHNIP ENERGIES, Siemens, ELSEWEDY-Egypt, HAWK-Dubai, CLP, ISGEC, DMRC, DATANG-China, BSPC-China etc. for Basic & Detail Engineering services for Power, Refinery, Fertilizer & Infrastructure projects in India and Abroad. But from yesterday's meeting we could found that this NIT requires an architectural company to lead the bid. In that case we would like to introduce our architectural partner Kothari and associates to bid for the project and we will work as partner with them like they supported us from last 14 years.</p> <p>The Kothari and associates is a comprehensive organization of design professionals that include Architects, Engineers, Town planners, Interior Designers, and Service Specialists. Since the parent Organization was founded in 1936, the firm has completed more than 1,000 million rupees in architectural, planning and engineering projects with distinguished quality in design. These projects range from offices, banks, hospitals, university campuses, hotels, embassies, airports, IT, auditoria, planetariums, museums, commercial centers and research laboratories to high-rise buildings, urban spaces, and residential houses.</p> <p>They will qualify for the financial part but for following software licenses they have right now.</p> <p>1.Auto Cad. 3No. 2.ProgeCad. 20 No. 3.Photoshop. 2 No 4.3D Sketch up. 5 No 5.3D Max. 1 No.</p> <p>But Kothari and associates does not have STAAD Pro license as structural design is outsourced.</p>

Refer the revised Technical PQR

ANNEXURE-III

	<p>TECHNICAL SPECIFICATION OF FRAME WORK AGREEMENT FOR ARCHITECTURAL, CIVIL AND STRUCTURAL DESIGN ENGINEERING SERVICES FOR NON-PLANT BUILDINGS/STRUCTURES</p>
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Technical Pre-Qualification Requirement

MINIMUM ELIGIBILITY CRITERIA:

The bidders should meet the following minimum eligibility/qualifying criteria:

Work experience

Bidder should have successfully completed similar work for any one of the following in last 7 (seven) years from latest date of bid submission.

a. Three similar works each of value not less than 41.6 lakh

OR

b. Two similar works each of value not less than 52.0 lakh

OR

c. One similar work each of value not less than 83.2 lakh

Explanatory Notes

(i) "Similar works" shall mean providing "Architectural and Civil" or "Architectural and Structural" design for industrial building or commercial building or high-rise residential building having height > 15m.

(ii) The bidder should submit documentary proofs in support of the criteria mentioned above.