

Minutes of Meeting of Tender Evaluation Committee (Technical Evaluation) dated 10.08.2022 for the work of

"Repair, Rehabilitation & Strengthening of damaged portions of Major Bridge Across Thamiraparani river at Km 38+800 LHS on Tuticorin- Tirunelveli section of NH138 (old NH 7A) in the State of Tamil Nadu (2nd Call)"

1. Regional Office invited bids vide Tender ID 2022_NHAI_111607_2 under 2nd call for the work of "Repair, Rehabilitation & Strengthening of damaged portions of Major Bridge Across Thamiraparani river at Km 38+800 LHS on Tuticorin - Tirunelveli section of NH138 (old NH 7A) in the State of Tamil Nadu" with an estimated cost of Rs.2114.00 lakhs/- (Excluding GST).

2. A Committee has been constituted with the following members.

- i. Shri.C.Raghul, Manager (Tech.,) Regional Office, Madurai (A/C), Convenor
- ii. Shri. T.Velraj, DGM (Tech.,) PD PIU - Tuticorin (A/C), Member
- iii. Shri. M.S.Pandian, DGM (Tech.,) PD PIU - Karaikudi, Member
- iv. Shri.S.Syed Dawood Mian, Asst. Manager (Finance), RO Madurai, Member

3. Last Date of submission of bids was on 03.08.2022 and Technical bid opening was scheduled on 04.08.2022. As per MoRTH Circular No.RW/NH-37010/4/2010-EAP (Printing) Vol.IV dated: 30.04.2020, evaluation of bids can be carried out with the available scanned copy of documents as per RFP requirement. However, successful bidder has to submit the Original Documents physically with the concerned authority before issue of LOA.

4. The bids received through e-Tender portal were decrypted and opened. Total 02 Bids were received. The financial instruments furnished by bidders towards Bid Document Fee and EMD were handed over to the accounts division and they confirmed validity of BGs furnished by the bidders and deposited DDs into NHAI Account.

5. The committee evaluated the bids on 10.08.2022 based on scanned copies of documents submitted through e-Tender Portal. The Technical Evaluation is furnished vide (Annexure - A). A Summary of the same is as hereunder.

SNo	Name of Bidder	Bid ID	Recommendations
1	The Freyssinet Prestressed Concrete Company Limited	446203	Qualified
2	FRP-Tech (India) Private Limited	449954	Qualified

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M. S. Pandian

T. Velraj

C. Raghul

6. Based on Initial Technical Evaluation, committee qualifies and recommends for admitting the 2 bids for detailed technical evaluation by providing technical scores. The Committee provided the Technical scores as per the procedure specified for evaluation of bids in section 2 Clause 23 of RFP.

7. As per section (2) Cl.23 of RFP A two-stage procedure will be adopted in evaluating the proposals: (i) a technical evaluation, which will be carried out prior to opening any financial proposal; (ii) The technical proposal should score at least 70 points out of 100 to be considered for financial evaluation, however, the procurement shall be made on least cost based selection among the Contractors (as per below produced table for Technical Evaluation Criterion) and meeting non-conflict and other eligibility requirements, short-listed after technical evaluation.

8. Accordingly, the committee evaluated the bids and provided technical scores based on the documents certified & furnished by the bidders.

The details of technical scores obtained by the bidders are tabulated as hereunder:

S. No	Name of Bidder	Bid ID	Technical Scores	Minimum Required for Qualification	Recommendations
1	The Freyssinet Prestressed Concrete Company Limited	446203	99	70 / 100	Qualified
2	FRP-Tech (India) Private Limited	449954	100		Qualified

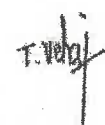
The details of the Technical Evaluation scores are furnished in Annexure B & C.

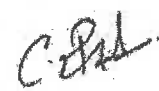
10. Both Responsive Bidders admitted for Detailed Technical Evaluation has scored above the minimum required, for qualification i.e. 70/100. Accordingly, the committee recommends to qualify both the bidders i.e. The Freyssinet Prestressed Concrete Company Limited (446203) & FRP-Tech (India) Private Limited (449954).

In view of the above, the Committee further decided to meet at a convenient date & time for opening for Financial Bids of the qualified bidders upon receiving concurrence of the Competent Authority.


S Syed Dawood Mian
Member


M.S. Pandian
Member


T. Velraj
Member


C. Raghul
Convenor

NATIONAL HIGHWAYS AUTHORITY OF INDIA										Annexure - A	
Repair, Rehabilitation & Strengthening of damaged portions of Major Bridge Across Thamiraparani river at Km 38+800 BHS on Tuticorin Tirunelveli Section of NH138 (old NH 7A) in the State of Tamil Nadu.											
Detailed Technical Evaluation of Bids										2nd Call	
S. No.	Name of the Contractor Qualifying Criteria	Requirement as per Bid Document	THE FREYSSINET PRESTRESSED CONCRETE COMPANY LIMITED (446203)				FRP-Tech (India) Pvt.Ltd. (449954)				
1	Bid Cost of tender document	Rs 50,000/-	Rs 50000/- furnished in NEFT UTR Reference no PUNBH22214676069 Dated:02.08.2022 issued by Punjab National Bank, (Pg.No.01)				Rs 50000/- furnished in NEFT UTR Reference no PUNBH22207734193 Dated:26.07.2022 issued by Punjab National Bank, New delhi (Pg.No.03)				
2	EMD Amount	Rs 31,70,000/-	Rs 31,70,000/- furnished in NEFT UTR Reference no PUNBR52022080215111934 dated. 02.08.2022 issued by Punjab National Bank (Pg.No.02)				Rs.31,70,000/- Furnished in DD No. 482867 dated: 26.07.2022 issued by Punjab National Bank, New Delhi (Pg.No.05)				
3	Average Annual Turn over for Last 3 years	Rs 634.20Lakhs	Year	Turnover (P.no.03)(P.No.16)	MF	Amount (Rs. in Lakhs)	Year	Turnover (Pg.No. 50)	MF	Amount (Rs. in Lakhs)	
			2018-19	2162.90	1.33	2876.56	2018-19	846.83	1.33	1126.28	
			2019-20	1532.58	1.21	1854.42	2019-20	1131.29	1.21	1368.86	
			2020-21	2406.5	1.10	2647.15	2020-21	416.96	1.10	458.66	
			Total			7378.23	Total			2953.80	
			Average Turnover			2459.41	Average Turnover			985.00	
3	Similar nature of work completed during the last 7 years	One Similar Works costing not less than amount equal to Rs 1691 lakhs or Two similar Works costing not less than amount equal to each of Rs.1056 lakhs or Three similar Works costing not less than amount equal to each of Rs 845 lakhs	(One Similar Work) Rs 2529.05 lakhs in 2019 Repair, Rehabilitation of existing Ganga Bridge (old) at Km 92.395 and balance work of its approaches on Hapur bypass to Moradabad section NH - 24 in state of Uttar Pradesh (Pg.No.22)				(One Similar Work) Rs 1885.68 lakhs in 2022 Structural Rehabilitation of Flyover RAMP - A on Visakhpattinam Port Connectivity Project coridor by using speclaeized Techniques in the State of Andhra Pradesh (Pg.No.68)				
4	Place of Registration	Furnished / Not Furnished	Mumbai- Maharashtra (Pg.No.3)				New Delhi (Pg.No.16)				
(i)	Principal Place of Business	Furnished / Not Furnished	Mumbai- Maharashtra (Pg.No.3)				Delhi & Mumbai (Pg.No.10)				
(ii)	Power of Attorney to sign the bid document	Furnished / Not Furnished	Furnished (Pg no.18-19)				Furnished (Pg no.08)				
(iv)	Total monetary value of civil construction works performed for each of the last 3 years	Furnished / Not Furnished	Furnished (Pg.No.18, 3)				Furnished (Pg.No.50,10)				
(v)	Experience certificate in works of a similar nature and size for each of the last 7 years with certificate from the concerned officer	Furnished / Not Furnished	Furnished (Pg No.21-50)				Furnished (Pg.No.67-76)				
(vi)	Evidence of availability of lay equipments (either owned lease or rented)	Furnished / Not Furnished	Furnished (Pg.No.95-108)				Furnished (Pg.No.78-84)				

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(vii)	The financial standing of the bidder, and a certificate from Chartered Accountant as a proof of turnover for the last 3 years.	Furnished / Not Furnished	Furnished (Pg.No.16)	Furnished (Pg.No.50)												
(viii)	Information on litigation or arbitration during the last 5 years in which the Bidder is involved	Furnished / Not Furnished	Furnished (Pg.No.109)	Furnished (Pg.No.111)												
(ix)	Affidavit on Stamp paper that information furnished in bid document is correct in all respects.	Furnished / Not Furnished	Furnished (Pg.No.110-111)	Furnished (Pg.No.113)												
5	The bidder must have executed following major items in single work during the past 7 years	<table><tr><th>Sl no</th><th>Item of work</th></tr><tr><td>1</td><td>Fiber Wrapping Work</td></tr><tr><td>2</td><td>Micro Concrete</td></tr><tr><td>3</td><td>Carbon Fibre Laminates</td></tr><tr><td>4</td><td>CFRP Anchors</td></tr><tr><td>5</td><td>Epoxy Injection Grouting</td></tr></table>	Sl no	Item of work	1	Fiber Wrapping Work	2	Micro Concrete	3	Carbon Fibre Laminates	4	CFRP Anchors	5	Epoxy Injection Grouting	Executed the items as specified in RFP for similar nature of work Furnished. (Pg.No.21-50)	Executed the items as specified in RFP for similar nature of work Furnished (Pg.No.67-76)
Sl no	Item of work															
1	Fiber Wrapping Work															
2	Micro Concrete															
3	Carbon Fibre Laminates															
4	CFRP Anchors															
5	Epoxy Injection Grouting															
6	Bid Capacity Available assessed bid (A x N x 2.5 - B) (Cl.1.4 (b) (iii))	Bid Capacity > Total Bid value (Rs.2114.00 Lakhs)	2506.9 lakhs (Pg.No.94)	3369.36lakhs (Pg.No.87-89)												
7	Bid Validity 120 days after the date of bid submission	Furnished / Not Furnished	Furnished (Pg.No.114)	Furnished (Pg.No.115)												
8	A Maximum value of civil works executed in a year		4389.1659 lakhs	1368.85 lakhs												
9	B Existing commitments		5541 lakhs (Pg.No.94)	5280 lakhs (Pg.No.87)												
10	Integrity Pact	Furnished / Not Furnished	Furnished (Pg.No.115-121)	Furnished (Pg.No.135-142)												
11	Undertaking Minimum Investment of Cash upto 25%	Furnished / Not Furnished	Furnished (Pg.No.113)	Furnished (Pg.No.114)												
	Remarks		Evaluation has been done based on the certified documents submitted by bidder	Evaluation has been done based on the certified documents submitted by bidder												
12	Recommendations of Committee		(Qualified)	(Qualified)												

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S.Syed Dawood Mian
Member

M.S.Pandian
M.S.Pandian
Member

T.Velraj
T.Velraj
Member

C.Raghul
C.Raghul
Convenor

Annexure - B

Total Marks = 100 Min. Required for Qualification = 70

Sr. No.	Criterion	Maximum Marks	Individual Weight age	The Freyssinet Prestressed Concrete Company Limited	FRP Tech India Pvt Ltd
A	Organization Structure	15			
A1	Constitution	8			
	a) Public Limited or Private Limited		8	8	8
	b) Partnership or Proprietorship		4		
A2	Experience	7			
	a) Having More than 10 years Experience		7	7	7
	b) Between 5 & 10 years Experience		5		
	c) Having up to 5 years Experience		3		
A3	Performance	25			
A3.1	Experience of Execution of Structural repair and retrofitting involving Fibre Wrapping, CFRP Laminate, Micro Concrete, Injection of Epoxy grouting work				
	One similar completed works costing not less than amount equal to each of 80% of estimated value of work i.e. Rs. 1691 Lakhs		25	25	25
	Two similar completed works costing not less than amount equal to each of 50% of estimated value of work i.e. Rs. 1056 Lakhs		20		
	Three similar completed works costing not less than amount equal to each of 40% of estimated value of work i.e. Rs. 845 Lakhs		15		
B1	Authorized Applicator and Certification from Manufacturer	10			
	a) Company itself Authorized applicator for Product mentioned in Bid Document		10	10	10
	b) Company itself Authorized applicator for equivalent Product mentioned in Bid Document		6		
B2	Resources -Own Plant & Equipment's & Experience Engineer	15			
	a) Pneumatic / Electrical Breaker / Grinders (10 Nos.)		3	3	
	b) Electrical Drills upto 25 mm Dia. (5 Nos.)		3	3	3

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Annexure - B

Sr. No.	Criterion	Maximum Marks	Individual Weight age	The Freyssinet Prestressed Concrete Company Limited	FRP Tech India Pvt Ltd
	c) Rebar Scanning machine		3	3	3
	d) Electrical Grouting Pump (2 Nos.)		3	3	3
	e) Project manager with more than 5 Years experience in Repair projects		3	3	3
C	Physical Work Experience	35			
	a) One similar work of Structural repair and retrofitting of RCC Structure with items of CFRP Laminates minimum Quantity 15000 Rmt. in last 5 Years		15	15	15
	b) One similar work of Structural repair and retrofitting of RCC Structure with items of Fibre Wrapping minimum Quantity 2800 Sq.mt. in last 5 Years		9	9	9
	c) One similar work of Structural repair and retrofitting of RCC Structure with items of Carbon Fibre Anchor minimum Quantity 30,000 Nos. in last 5 Years		5	4	5
	d) One similar work of Structural repair and retrofitting of RCC Structure with items of Micro Concrete work minimum Quantity 15 Cum last 5 Years		3	3	3
	e) One similar work of Structural repair and retrofitting of RCC Structure with items of Injection of Epoxy Grout minimum Quantity 1350 Kg in last 5 Years		3	3	3
	Total Technical score (TS)	100		99	100

Note: The Technical Scores have been provided, based on the documents, certified and furnished by the bidders.

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Annexure - C

(A) THE FREYSSINET PRESTRESSED CONCRETE COMPANY LIMITED (446203)

Details of evaluation for Physical work experience - 35 Marks

S. No	Criteria	Individual Weightage	Ganga Bridge (old) section of NH 24	Nizamuddin Bridge section of NH 24	Total Quantity Executed	Technical Scores based on Quantity executed
a.	One similar work of Structural repair and retrofitting of RCC Structure with items of CFRP Laminates minimum Quantity 15,000 Rmt. in last 5 Years	15	17225 Rmt	9672 Rmt	26897 Rmt	15
b.	One similar work of Structural repair and retrofitting of RCC Structure with items of Fibre Wrapping minimum Quantity 2800 Sq.mt. in last 5 Years	9	13159 Sqmt	11369 Sqmt	24528 Sqmt	9
c.	One similar work of Structural repair and retrofitting of RCC Structure with items of Carbon Fibre Anchor minimum Quantity 30,000 Nos. in last 5 Years	5	-	22008 No's	22008 No's	4
d.	One similar work of Structural repair and retrofitting of RCC Structure with items of Micro Concrete work minimum Quantity 15 Cum last 5 Years	3	125 Cum	57.98 Cum	182.98 Cum	3
e.	One similar work of Structural repair and retrofitting of RCC Structure with items of Injection of Epoxy Grout minimum Quantity 1350 Kg in last 5 Years	3	1739 Kg	591.75 Kg	2330.75 Kg	3
Total						34

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T. V. Raju

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Annexure - C

(B) FRP-TECH (INDIA) PRIVATE LIMITED (449954)

Details of evaluation for Physical work experience - 35 Marks

S. No	Criteria	Individual Weight age	Vishakapattinam Flyover Ramp	Total Quantity Executed	Technical Scores based on Quantity executed
a.	One similar work of Structural repair and retrofitting of RCC Structure with items of CFRP Laminates minimum Quantity 15,000 Rmt. in last 5 Years	15	17589 Rmt	17589 Rmt	15
b.	One similar work of Structural repair and retrofitting of RCC Structure with items of Fibre Wrapping minimum Quantity 2800 Sq.mt. in last 5 Years	9	22500 Sqmt	22500 Sqmt	9
c.	One similar work of Structural repair and retrofitting of RCC Structure with items of Carbon Fibre Anchor minimum Quantity 30,000 Nos. in last 5 Years	5	62300 No's	62300 No's	5
d.	One similar work of Structural repair and retrofitting of RCC Structure with items of Micro Concrete work minimum Quantity 15 Cum last 5 Years	3	179.19 Cum	179.19 Cum	3
e.	One similar work of Structural repair and retrofitting of RCC Structure with items of Injection of Epoxy Grout minimum Quantity 1350 Kg in last 5 Years	3	1401.90 Kg	1401.90 Kg	3
Total					35

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T. V. S.

C. P. S.