

**OFFICE OF THE EXECUTIVE ENGINEER (C)DR-III  
DELHI JAL BOARD,GOVT OF NCT DELHI  
KANHAIYA NAGAR, NEW DELHI-110035**

**Minutes of Clarification Meeting (19/10/2012)**

*"Rehabilitation of Sewers of sizes varying from 600mm to 1400mm Dia in Ashok Vihar and Jahangirpuri area by CIPP Structural Lining Method under YAP(III) "*

S.No.	Section and Page No.	Clause Reference	Queries	Clarifications by DJB
1.	General	Submissions		All submissions in hard copies shall be page numbered and also be submitted in soft copy (3 nos.)
2.	General	Submissions		The details of work element claimed under Section -III, Clause no. 4.1 & 4.2 shall be provided in the specified format and shall be self-attested and supported by client certificate.
3.	Section-III, Page 19	<p>4.2 (a) As per the Clause "The applicant should have <b>expenence</b> m Trenchless Sewer Rehabilitation by CIPP Structural Lining Method, Desilting, CCTV Survey, Condition Assessment Structural Liner Design using WRc ManuaVASTM Standards and its Installation for enhancing Structural Integrity and improving Hydraulic Conveyance etc. of Dia. 1200mm or above for a <b>lninimwn</b> length of 2.0 Km.</p> <p>The above works should have been completed and commissioned in last 10 years as on date of <b>issue</b> of NIT and should be running successfully thereafter.</p>	For the above Qualification requirement, we request you to accept MOU or allow Specialist sub <b>contractor experience</b> instead to Joint Venture Partner since most of the foreign parties will not be willing to fonn a joint venture	As per PQ document

S. No.	Section and Page No.	Clause Reference	Queries	Clarifications by DJB
4.	Section-III, Page20	<p>Specific Construction Experience 4.2 (b) The applicant should have experience of Rehabilitation of gravity sewers by Trenchless Teclmologies/Microtunnelling of Dia 600mm or above for a length of 0.5Km or more.</p> <p>The above works should have been completed and commissioned in last 10 years as on date of issue of NIT and should be running successfully thereafter.</p>	<p>Rehabilitation of gravity sewer by Trenchless Technology means Rehabilitation of gravity Sewers by structural liners such as CIPP, GRP or else</p>	<p>4.2(b) The applicant should have experience of Rehabilitation of gravity sewer by Trenchless teclmology /NO-Dig Method of Dia 600mm or above for a length of 0.5Km or more.</p> <p>The above works should have been completed and commissioned in last 10 years as on date of issue of NIT and should be running successfully thereafter.</p> <p>4.2(c) The applicant should have experience of Laying of Sewer pipe of Dia 600mrn or above for a length of 0.5Km or more by microtunnelling and pipe jacking method</p> <p>The above works should have been completed and commissioned in last 10 years as on date of issue of NIT and should be running successfully thereafter.</p>
5.	Section-IV, Page28	Form Fin-3.1- Financial Situation 3. Financial Documents (a)	<p>Reflect the financial situation of the Applicant or partner to a JV, and not sister or parent companies.</p> <p>Will financial situation of shareholder</p>	As per PQ document

S.No.	Section and Page No.	Clause Reference	Queries	Clarifications by DJB
			companies be considered?	
6.	Section-IV, Page33	Fonn EXP-S- Format for Experience certificate	For the Old completed works, sometimes it is not possible to take the fresh completion certificates as per the requisite Format.	As per PQ document
7.	Section-I, PageS	Eligible Applicants Clause 4.1	How many joint venture partners in JV are allowed?	Number of JV partners are not limited but should meet the requirements as per PQ document
8.	Section-I, PageS	Clause 4.1	Is registration of a foreign company in India required?	As per PQ document
9.	Section-III, Page 16		What is the definition of Single Entity?	As per PQ document
10.	Section-I, PageS	Clause4	Can parent Company experience be used 100% subsidiary company?	As per PQ document
11.	Section-II, Page 12	ITA4.1	Experience of past JVA work will be used by lead partner on what percentage?	As per PQ document
12.			Bond & BG required – Explanation	Query does not pertain to PQ document
13.			Will Delhi Jal Board provide factory space?	Query does not pertain to PQ document
14.	Section-IV, Page 33	Fonn EXP-S- Format for Experience certificate	Should Experience certificate include all the details mentioned in Fonn Exp-S?	As per PQ document
15.	Section-III, Page20	Clause 4.2(b)	Microtunnelling experience should be of subcontractor with MOU or of the contractor?	As per PQ document
16.	Section-I, Page 10	Clause 27	Whether communication regarding disqualification of contractors be made?	As per PQ document
17.	Section-II, Page 12	ITA4.1 Technical sound partner will be the one who has experience of Construction and/or Rehabilitation Testing &	Request to consider the experience upto Construction and/or Rehabilitation & Testing excluding Commissioning	As per PQ document

S.No.	Section and Page No.	Clause Reference	Queries	Clarifications by DJB
		Commissioning		
18.	Section-III, Page 19	4.1 General Construction Experience The applicant should have successful experience of Construction and/or Rehabilitation, Testing & Commissioning of Gravity Sewers	Request to consider the experience upto Construction and/or Rehabilitation & Testing excluding Commissioning	As per PQ document
19.	Section-III, Page 19	4.2(a) The applicant should have <b>experience in</b> Trenchless Sewer Rehabilitation by CIPP Structural Lining Method, Desilting, CCTV Survey, Condition Assessment Structural Liner Design using WRc Manual/ASTM Standards and its Installation for enhancing Structural Integrity and improving Hydraulic Conveyance etc. of Dia. 1200mm or above for a minimum length of 2.0 Km.  The above works should have been completed and commissioned in last 10 years as on date of <b>issue</b> of NIT <b>and should be running</b> successfully thereafter.	1) Generally rehabilitation works are stretch basis; As and when stretches are completed they put into existing operational <b>sewers</b> . Hence we request you to consider the completion certificate to meet the experience.  2) Request to consider the last 10 years time period as on submission of bid documents to the client	As per PQ document
20.	Section-III, Page20	The applicant should have <b>experience</b> of Rehabilitation of gravity sewers by Trenchless Technologies/ Microtunnelling of Dia 600mm or above for a length of 0.5Km	1) Generally rehabilitation works are stretch basis; As and when stretches are completed they put into existing operational <b>sewers</b> . Hence we request you to	As per PQ document

S.No.	Section and Page No.	Clause Reference	Queries	Clarifications by DJB
		<p><b>or more.</b></p> <p>The above works should have been completed and commissioned in last 10 years as on date of issue of NIT and should be running successfully thereafter.</p>	<p>consider the completion certificate to meet the experience.</p> <p>2) Request to consider the last 10 years time period as on submission of bid documents to the client</p>	
21.	Section-III, Page 19	Clause 4.2(a) &(b) Specific Construction Experience	If a bidder has vast <b>experience</b> in trenchless sewer rehabilitation as one of JV Partner with 50:50 share, does he qualify for the job as single entity/prime <b>contractor</b>	As per PQ document
22.	Section-IV, Page34	Form-6, Format for Affidavit	Confinn whether to be submitted on plain paper or stamp paper	As per PQ document
23.	Section III. page No. 20	4.2 (b)	Using Microtunneling, only new line can be installed either in the <b>same</b> alignment (feasibility depends on existing pipe material and condition) or parallel alignment. Therefore, rehabilitation word cannot be applied to Microtunneling. Please clarify if installation work by Microtunneling will be acceptable.	Replied elsewhere
24.	Section III. page No. 20	4.2 (b)	Considering there are <b>nmnerous</b> rehabilitation and installation trenchless techniques available in the market, please clarify what other trenchless technologies are allowed other than Microtunneling. Even rehabilitation by CIPP technique is classified as a trenchless technique.	As per PQ document

**E.E. (C) Dr-III**  
**E mail- rakeshsahni@aol.in**