

### Reply of Pre Bid queries

| Project Name: Improvement and Strengthening of Road Section from Chand Khera to Kurti Bridge on NH-208A (Length- 17.950 km) in the state of Assam near Assam-Tripura Border on EPC mode Project |                               |                                                                                                                                                                                                                                                                                                                                                                                                                  | Dated: 01.08.2016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                         |
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| SI No                                                                                                                                                                                           | Clause No., Section & Pg. No. | Original Clause in the Tender                                                                                                                                                                                                                                                                                                                                                                                    | Clarification/Suggestion by the bidder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NHIDCL's Reply                                                                          |
| <b>General</b>                                                                                                                                                                                  |                               |                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                         |
| 1                                                                                                                                                                                               | Clause 1.2.9 and clause 5.2   | <i>In the Notice Inviting Bid "Bid/ Package No. NHIDCL/Tripura/NH-208A/Chand-Kurti//2016 Dated 13.07.2016" it is mentioned that, "*The estimated cost has been arrived at by using conventional payment design. The bidder may however, explore the use and deployment of alternative and innovative payment designs including cementitious type sub-ways (CTSB) as per IRC: 37-2012 and quote accordingly."</i> | <p>We request you to kindly elaborate "alternative and innovative pavement designs" by stating that</p> <p>"alternative and innovative pavement designs using liquid or solid soil stabilizers from India or any other developed country, following IRC or ASTM or European Standard &amp; Specifications and certified performance reports from the user agencies of major developed countries where the proposed materials/techniques have been successfully used"</p> <p>It should also be added in the Bid document that,</p> <p>"the usual process of soil stabilization is homogeneously mixing soil stabilizer with the in-situ soil and then compacting, grading and sealing the soil to prepare a base/sub-base in lieu of conventional GSB/WMM, eliminating any need of any aggregates. If required in some cases a certain % of cement / fly ash / lime / lime kiln dust / cement kiln dust is added as prescribed by the soil stabilizer manufacturer".</p> <p>And Schedule to be changed for BOQ to avoid any legal / financial issues in future on use of soil stabilizers in the project.</p> | It should be as per IRC: 37- 2012 or any other International code of developed country. |
| 2                                                                                                                                                                                               | General                       | <i>In the Notice Inviting Bid, Bid due date: 16.08.2016</i>                                                                                                                                                                                                                                                                                                                                                      | In view of the flood situation in the State of Assam since the invitation of RFP date 13.07.2016 it is difficult to make site visit therefore it is requested to defer the due date by 06-08 weeks.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No change.                                                                              |
| 3                                                                                                                                                                                               | General                       | <i>In the Notice Inviting Bid, Completion period: 06 months</i>                                                                                                                                                                                                                                                                                                                                                  | While all emphasis will be to complete the job in 06 months but due to terrain and accessibility in the region it will help to have completion period as 12 months or a clause to extend the completion period by another 06 months without any penalty for justifying reasons.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No change.                                                                              |
| 4                                                                                                                                                                                               | General                       | <i>In the Notice Inviting Bid , Maintenance period: 04 years</i>                                                                                                                                                                                                                                                                                                                                                 | Since NHIDCL is accepting alternative technology of soil stabilization in case bidder uses soil stabilization technique the maintenance period can be increased to 05 years, with the condition that 80% of the performance security to be released on completion of 04 years and balance 20% at the end of 05th year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No change.                                                                              |

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| 5 | Clause 1.2.3                                  | <i>The complete Bidding Documents including the draft Agreement for the Project is enclosed for the Bidders. The Feasibility Report / Detailed Project Report prepared by the Authority/ consultants of the Authority (the "Feasibility Report/Detailed Project Report") is also enclosed.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not enclosed on website. Please provide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Since, this is not a new road, only improvement and strengthening of existing road has to be done. Hence, no DPR/ feasibility report has been prepared. Estimate has been framed by Project Office based on site visits and in consultation with local PWD                                           |
| 6 | 2.1.13, 2.1.15, 2.2.2.1, 2.2.2.2(i) & 2.2.2.3 | <p>2.1.13 This RFP is not transferable.</p> <p>2.1.15 In case the Bidder is a Joint Venture, it shall comply with the following additional requirements:</p> <p>(a) Number of members in a Joint Venture shall not exceed 3 (three);</p> <p>(b) subject to the provisions of clause (a) above, the Bid should contain the information required for each Member of the Joint Venture;</p> <p>(c) Members of the Joint Venture shall nominate one member as the lead member (the "Lead Member").</p> <p>Lead Member shall meet at least 60% requirement of Bid Capacity, Technical and Financial Capacity required as per Clause 2.2.2.1, 2.2.2.2(i) &amp; 2.2.2.3.</p> <p>The nomination(s) shall be supported by a Power of Attorney, as per the format at Appendix-III, signed by all the other Members of the Joint Venture. Other Member(s) shall meet at least 30% requirement of Bid Capacity, Technical and Financial Capacity required as per Clause 2.2.2.1, 2.2.2.2(i) &amp; 2.2.2.3;</p> | <p>The soil stabilization being new / alternative technology for the country and especially for the National Highways, the soil stabilization services / materials provider may not / will not have qualifications to meet at least 30% requirement of Bid Capacity, Technical and Financial Capacity required as per Clause 2.2.2.1, 2.2.2.2(i) &amp; 2.2.2.3;</p> <p>Therefore, it is suggested to include in the bid document that, "successful bidder at his own responsibility will be free to get soil stabilization work through a "nominated sub-contractor" and this "nominated sub-contractor" need not meet any requirements of Joint venture member as mentioned in the Bid document."</p> <p>However, the "nominated sub-contractor" appointed by the main bidder to execute alternative and innovative pavement designs using liquid or solid soil stabilizers from India or any other developed country, will have to use a soil stabilizer following IRC or ASTM or European Standard &amp; Specifications and certified performance reports from the user agencies of major developed countries where the proposed materials/techniques have been successfully used"</p> | <p>Material Supplier cannot be considered as sub-contractor. They are free to work with a Contractor otherwise eligible and therefore no eligibility criteria apply to them.</p> <p>However, materials should pass the various tests performed for the criteria set for strength and durability.</p> |

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| 7        | 2.2.2.5                                              | <p><i>Categories and factors for evaluation of Technical Capacity:</i></p> <p><i>(i) Subject to the provisions of Clause 2.2.2 the following categories of experience would qualify as Technical Capacity and eligible experience (the "Eligible Experience") in relation to eligible projects as stipulated in Clauses 2.2.2.6 (i) &amp; (ii) (the "Eligible Projects"). In case the Bidder has experience across different categories, the experience for each category would be computed as per weight of following factors to arrive at its aggregated Eligible Experience:</i></p> | <p>We request you to kindly add to the same table or place additional table Factors for Soil Stabilizers as well on the following criteria:</p> <table><tr><th>Category</th><th>Project/Construction experience of Soil Stabilizers</th><th>Factors</th></tr><tr><td>5</td><td>Years of successful use for more than 20 years</td><td></td></tr><tr><td>6</td><td>No use of any aggregate</td><td></td></tr><tr><td>7</td><td>Any application in India</td><td></td></tr><tr><td>8</td><td>Proven record of success in all soil classifications</td><td></td></tr><tr><td>9</td><td>Proven resistance to water damage, floods, hurricane</td><td></td></tr></table> | Category                                                                                                                                               | Project/Construction experience of Soil Stabilizers | Factors | 5 | Years of successful use for more than 20 years |  | 6 | No use of any aggregate |  | 7 | Any application in India |  | 8 | Proven record of success in all soil classifications |  | 9 | Proven resistance to water damage, floods, hurricane |  | As per RFP. |
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| Category | Project/Construction experience of Soil Stabilizers  | Factors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                        |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |
| 5        | Years of successful use for more than 20 years       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                        |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |
| 6        | No use of any aggregate                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                        |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |
| 7        | Any application in India                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                        |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |
| 8        | Proven record of success in all soil classifications |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                        |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |
| 9        | Proven resistance to water damage, floods, hurricane |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                        |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |
| 8        | 2.7.2                                                | <p><i>The draft Agreement and the Feasibility / Detailed Project Report provided by the Authority as part of the BID Documents shall be deemed to be part of this RFP.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Not provided on website. Please provide.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Since, this is not a new road, only improvement and strengthening of existing road has to be done. Hence, no DPR/feasibility report has been prepared. |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |
| 9        | 3.1, 3.1.1                                           | <p><i>3.1 Evaluation of Technical Bids</i></p> <p><i>3.1.1 The Authority shall open the BIDs received physically &amp; online at 1130 hours IST on 19.07.2016, at the place specified in Clause 2.11.4(i);</i></p>                                                                                                                                                                                                                                                                                                                                                                      | <p>It's mentioned as 16.08.2016. In view of the flood situation in the State of Assam since the invitation of RFP date 13.07.2016 it is difficult to make site visit therefore it is requested to defer the due date by 06-08 weeks.</p>                                                                                                                                                                                                                                                                                                                                                                                                                            | No change.                                                                                                                                             |                                                     |         |   |                                                |  |   |                         |  |   |                          |  |   |                                                      |  |   |                                                      |  |             |

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| 10 | - | The soil stabilization being new / alternative technology for the country and especially for the National Highways, the soil stabilization services / materials provider may not / will not have qualifications to meet at least 30% requirement of Bid Capacity, Technical and Financial Capacity required as per Clause 2.2.2.1, 2.2.2.2(i) & 2.2.2.3;                                                                             | Material/ chemical supplier are not considered as sub-contractor. They are free to work/supply material conforming to technical specifications, to the Contractors who are otherwise eligible to bid as per the RFP conditions.                                                       |
| 11 | - | Can the executed work by the Contractor in the year 2010-11 be considered in Technical eligibility?                                                                                                                                                                                                                                                                                                                                  | Year of execution of work should be within 5 years from year 2015-16 and hence, the year 2010-11 being six years back, cannot be considered.                                                                                                                                          |
| 12 | - | Clarification regarding sub-grade layer                                                                                                                                                                                                                                                                                                                                                                                              | NHIDCL will provide a sub-grade layer of 6-CBR & above in the complete stretch. The Contractor should therefore quote accordingly.                                                                                                                                                    |
| 13 | - | Any recommendations for a particular material supplier?                                                                                                                                                                                                                                                                                                                                                                              | Contractors are free to use any material supplier provided the materials comply with stipulated specifications and tests as per Draft Contract Agreement. However, source of material has to be approved by Authority Engineer. Design MSA and CBR have already been provided in RFP. |
| 14 | - | Kindly elaborate "alternative and innovative pavement designs" by stating that "alternative and innovative pavement designs using liquid or solid soil stabilizers from India or any other developed country, following IRC or ASTM or European Standard & Specifications and certified performance reports from the user agencies of major developed countries where the proposed materials/techniques have been successfully used" | It should be as per IRC: 37- 2012 or any other International code of developed country.                                                                                                                                                                                               |

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