

## Reply to Pre-Bid Queries

**Project Name:** Rehabilitation and Up-gradation to 2-lane with paved shoulders of Keifang-Rulchawm section (Economic Corridor) of NH-6 from Existing chainage Km 30+050 (Keifang) to Km 50+360 (Rulchawm) (Design Chainage Km 27+400 to Km 45+040) (Pack-III) in the state of Mizoram under Bharatmala Pariyojna on EPC Mode.

**Contract Package no.** NHIDCL/ Mizoram/NH-06/EC/ Package-III/2019-20

**Tender ID:** 2019\_NHIDC\_531185\_1

Sr. No.	Reference section/clause no./ Annexure/items	Query	Reply
1	General	Please furnish the Geotechnical investigations carried out at CD and other structures and report prepared including the recommendations on type of foundations	The Contractors are requested to assess the actual site condition and bid accordingly. DPR has been uploaded only for reference purpose.
2		Tree cutting: kindly provide the status of permission for tree cutting.	Forest clearance is under process & will be obtained before award of work.
3		Geotech and Hydraulic reports	The Contractors are requested to assess the actual site condition and bid accordingly. DPR has been uploaded only for reference purpose.
4		Land for making diversions	As per RFP.
5	Clause 1 (ii) of Schedule-B, Width of Carriageway	As per Cl 1.(ii).a) , paved carriageway shall be 10 (ten) m wide in accordance with the typical cross sections drawings in the Manual (IRC: SP 73-2018).But as per the Manual only Fig 2.8 and 2.9 has 10m carriageway . Fig 2.10 has carriageway width less than 10m . Other figures has different width of paved carriageway. Please confirm which cross sections are to be followed. Chainage wise cross section schedule is missing.	As per Schedule.
6		As per Cl 1.(ii).a) , paved carriageway shall be 10 (ten) m wide in accordance with the typical cross sections drawings in the Manual (IRC: SP 73-2018).As per Cl 2(xi) TCS Fig 2A,2B,2C,3A,3B,5A Paved Carriageway width is more than 10m and as per Fig 6 the width is less than 10m . Please confirm actual width of paved carriageway to be followed.	As per Schedule.
7		As per Cl 1.(ii).a) , carriageway shall be 10 (ten) m wide in builtup area in accordance with fig 6 of Cl 2(xi) . Where as Fig 6 has only 7m carriageway width with 500mm kerb on either side. Please confirm actual width of paved carriageway to be followed.	As per Schedule.
8	Clause 2(iii) of Schedule-B, Improvement of the existing road geometrics	ROW list in Schedule A does not show additional land availability for realignment as shown in the Plan and Profile drawing. Please clarify whether there is adequate land for the realignments shown in the Plan and Profile drawing.	As per Schedule.
9	Clause 2(iv) of Schedule-B, Right of way, details of ROW has been provided in Annex-II of Schedule-A	Please provide the ROW at the Major Intersections including the Cross roads.	The Contractors are requested to assess the actual site condition and bid accordingly.
10	Clause 2(xi) of Schedule-B, Typical cross-sections of the Project Highway	1)As per Cl 2(xi) TCS Fig-2C- Valley side Paved Shoulder width 1.9m provided without any earthen shoulder. According to Fig 2.8 of the Manual, paved shoulder will be 1.5m and earthen shoulder will be 1m. Please confirm which section is to be followed.	As per Schedule.
11		No Cross section schedule has been provided. Please confirm how to determine which given cross section is to be followed at which chainage of the Project road.	The Contractors are requested to assess the actual site condition and bid accordingly.
12		TCS Fig 3A and Fig 3B shows Earth retaining wall and Reinforced Earth retaining wall on Valley side respectively. Whether any one type of earth retaining structure can be adopted.	The Contractors are requested to assess the actual site condition and bid accordingly.
13	Clause 3 of Schedule-B, Intersections and grade separators All Intersections & grade separators shall be as per section 3 of Manual.	Cl. 3.(i) b) of the schedule refers to IRC:SP:73 -2018 .Kindly clarify the ROW of the cross road and the extent to which the cross road need to be developed.	The Contractors are requested to assess the actual site condition and bid accordingly.

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14	Clause 5(iii) a) Design Period and strategy Schedule-B	According to Cl 5(i), pavement design should be as per Section 5 of the Manual (IRC: SP 73-2018) which refer IRC cl 5.3.1 of IRC 37. As per IRC 37 pavement should be design based on equivalent single layer Subgrade Effective CBR. But as per cl 5(iii)a) of Contract Agreement Subgrade CBR should be minimum 8% whether it is subgrade effective CBR or not. Please confirm this.	As per Schedule.
15	Clause 5(iii) b) Pavement design shall be carried out in accordance with the provision of Section 5 of the Manual (IRC: SP 73-2018), IRC relevant codes and International Standards	Minimum crust thickness for conventional flexible pavement composition has been specified. Whether flexible pavement design with other materials like cementitious base or cementitious subbase is also allowed satisfying required design criteria. Please confirm	The Contractor can use cementitious base & cementitious sub-base subject to satisfy the design standard and prior approval from client.
16	Clause 5(iv), Reconstruction of stretches	As per Cl. 5(iv), only 7.3 km of the Project road with specified chainage range has been shown as reconstruction stretches where pavement should be constructed from GSB level. Please provide the design / construction strategy for the remaining section of the Project road. whether remaining sections will also be constructed from GSB level or existing pavement layers can be used and new layers will be constructed only at widening sections.	As per Schedule.
17		Except intermittent widening schedule as given in cl.5(i), no continuous widening schedule for the entire project length has been provided. Whether any chainagewise widening schedule with proposed TCS to be adopted is available for the Project. Please clarify.	As per Schedule.
18	Clause 7(ii), Reconstruction of existing Culverts	As per Cl 7(ii)b) reconstruction of existing Culverts, there is one existing slab culvert, whose chainage is not matching with the existing slab/box culverts list mentioned in Schedule A Cl 10(a). Please clarify this.	The Contractors are requested to assess the actual site condition and bid accordingly. DPR has been uploaded only for reference purpose.
19		As per Cl 7(ii)b) reconstruction of existing Culverts, there is eight existing HP culverts whose chainages are not matching with the existing HP culverts list as mentioned in Schedule A Cl 10(b) Please clarify this.	The Contractors are requested to assess the actual site condition and bid accordingly. DPR has been uploaded only for reference purpose.
20	Clause 11, Schedule of Retaining wall- Breast wall- RE wall and Rockfill	Except Breast wall, chainage wise height of Retaining wall- RE wall- Rockfill has not been provided. Chainage wise height details of these items are required for proper estimation of quantity	The Contractors are requested to assess the actual site condition and bid accordingly. DPR has been uploaded only for reference purpose..
21	Clause 2 (c) of Schedule-C, Pedestrian Facilities	As per Cl. 2 (c) Pedestrians' facilities in the form of guard rails, footpath, lighting etc needs to be provided. But as per Cl.2(h) (i) & 2(h) (ii), there is no requirement of street lighting and High mast lighting. Please clarify and confirm.	As per Schedule.
22	Extension of time	Authority to extend the due date of bid submission at least by 15-20 days from the current due date of bid submission.	As per RFP.