

PRE-BID CLARIFICATIONS

“Upgradation of Mehsana Bypass section of SH-41A from Panchot Junction (Km 11+743) to Fatehpura Junction (Km 16+450) from 2-lane to 4-lane divided carriageway configuration” under Second Gujarat State Highway Project (GSHP-II/EPC/02)

Sl. No.	Clause Ref	Description	Query	Response
1	-	Please give Profile of Existing, New Road and Service Road.		Refer Addendum No. 2, Sl. No. 19.
2	-	Can we design Profile of Existing Two Lane bypass and Service road and Additional two lane Road Separately?		Schedules need to be followed.
3	-	In Design Profile at some chainages (i.e 15.0 to 15.975) existing Road Profile is not given.		Refer Addendum No. 2, Sl. No. 19.
4	-	Looking to the Profile, at many places existing road centre level & OGL (LHS/RHS) is having minor difference.	Please confirm & clarify this level & also please clarify at what distance OGL is taken from Road edge.	Refer Addendum No. 2, Sl. No. 19.
5	-	HFL line/HFL is not shown in profile. As per IRC –SP-73 Para 4.2.1 i) No section of the road is overtopped. Top of subgrade shall be at least 0.5m above the general ground level. ii) The bottom of sub-grade shall be 1.0 m above the High Flood Level (HFL)/level of water table. The HFL should be decided by intelligent inspections, local observations, enquiries and studying the past records. As per past record section between Radhanpur to Sami at many place road length is overtopped,	Please clarify whether we have to follow the design profile as per statement given IRC-SP-73 Para 4.2.1 as above.	Road section reference and also referred IRC SP is not relevant. However, IRC SP-84 should be referred along with project specific deviation given in Schedule-D for Para 4.2.1.
6	-	Please Clarify, At What design speed we have to design, vertical curve. ➤ Can we consider design speed lesser than 100 for design? ➤ Profile is to be design for SSD, ISD or OSD, please clarify. ➤ Given profile is design for what design speed and for what sight distance (SSD/ISD/OSD), please clarify. ➤ Please clarify above Para for all bridges, ROB/RUB.	Please clarify.	Refer Addendum No. 2, Sl. No. 19. However, geometry shall be designed in accordance with Schedule B and Schedule D.
7	-	If We have to kept existing two lane profile of new road profile at same level, then what about existing Retaining Wall in approaches of ROB/RUB (i.e. at ch. 13025 to 13150).		Schedules need to be followed.
8	-	At ch. 12875 Design Profile level shown (– 22 cm) less than existing road.	Please confirm.	Schedules need to be followed.
9	-	Profile of approaches of existing ROB at ch. 12850, 14400. ➤ Existing ROB approach profile is to be improve or not? ➤ If it is to be improve, than How existing profile can improve with Reference to Retaining Wall, embankment widening? Please clarify.		Existing ROB approach profile shall be improved under the existing arrangement of Retaining wall and RE Wall.

Sl. No.	Clause Ref	Description	Query	Response
10	-	Please provide soil investigation report, if carried out by consultant.		Project Documents are uploaded on e-procurement portal.
11	-	According to the Tender documents Last date for the online submission of bid is 29.04.2019 @ 12.00 Hrs	Kindly note that to prepare an exact estimation at per your requirement and to make our best competitive offer we need more times and accordingly due to the Financial year ending coming close and Election time is going on, we request you to extend the Last date for the online submission of bid at least 30 days from the present last date of submission.	No change.
12	-	Following Dimensions of Rail Over Bridge (ROB) are missing in GAD: 1) Length of Pile 2) Dia. of Pile 3) Detail of Girder 4) Ground Level Details at some location 5) Bearing Detail	Please provide above detail as soon as possible	The details sought shall be known only when detailed design is prepared by the Contractor and approved by the Railways Authority. The Contractor may however see RDSO drawing for reference. For ground levels, Plan and Profile drawing may be referred. However, Notes in relevant drawing may be referred for minimum length, numbers and diameter of piles.
	Section-I & II			
13	INVITATION FOR BIDS (IFB) Pg 2 & 3	4. The bidders are required to submit: i. The above four documents shall be submitted in one envelope. <u>The bidders shall not write their names or addresses on this envelope.</u> ii. The <u>number mentioned on acknowledgement of online submission of the bid by the bidder</u> shall be mentioned on envelope containing the documents as detailed above. The name of work shall also be written on the envelope.	Contradictory provision at various places in the Bid Document. Kindly confirm the mode of submission and specify the specific details for Bid Submission.	Refer Addendum No. 2 Sl. No. 1.
14	Add 1 Sr No 18 Pg 7 of 40 & Add 1 Sr No 3 Pg 2 of 40	Add ITB Clause-21.2 as: The number mentioned on acknowledgement of online submission of the bid by the bidder shall be mentioned on envelope containing the documents as detailed above. The name of work shall also be written on the outer envelope. & Invitation for Bids (IFB) Para-4 (d) Original power of attorney as per provisions of Clause 20	Physical Submission date & time of the documents as specified in IFB Cl 4 and Online Submission of BID date & time is the same. (I.e. 02/05/2019 @ 12 Hrs). Due to same time of Online	Refer Addendum No. 2 Sl. No. 7.

Sl. No.	Clause Ref	Description	Query	Response
		of ITB. to the Office of the Superintending Engineer, Project Implementation Unit R&BD, Ground Floor, Nirman Bhavan, Sector-10/A, Gandhinagar, Gujarat PIN:382010, India; before the last date and time of deadline of uploading either by registered post or by hand, failing which the bids shall not be opened.	BID & Physical Submission it will quite difficult for the bidders to write acknowledgment of online submission of the bid number on the envelope at time of physical submission. Request to provide for date & time of physical submission by next day after the online bid submission.	
15	Addendum 1 Sr No 5 Pg no 2 & 3	Invitation for Bids (IFB) TABLE - BID No, Name of work, Bid Security, Bid Document Fee, Construction Period, Maintenance Period mentioned in the	The details mentioned in addendum is for the work "Sidhpur Palanpur Section" Request to provide the details for the respective package. Kindly confirm and request to provide the details for the specific package Mehsana Bypass section of SH-41A from Panchot Junction (Km 11+743) to Fatehpura Junction.	Refer Addendum No. 2 Sl. No. 3.
16	Addendum 1 Sr no 7 Section-II Bid Data Sheet (BDS) ITB 1.1 Pg 3 & Online NIT on N-procure website	The number of the Invitation for Bids is: GSHP-II/EPC/1B & IFB No / Tender Notice No NCB No.: NCB No.: GSHP-II/EPC/01C	Please confirm the correct BID Invitation Number Please confirm and specify the correct BID Invitation Number	Refer Addendum No. 2 Sl. No. 4.
17	Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg No 7 of 40	Replace ITB Clause-21.1 with the following: The Bidder shall enclose the original bid in a sealed envelope marked "Inner envelope number 1".	Please confirm the list of Documents to be submitted AS ORIGINAL BID in "INNER ENVELOPE NUMBER 1"	Refer Addendum No. 2 Sl. No. 6 & 7.

Sl. No.	Clause Ref	Description	Query	Response
	Section-III			
18	Para 2.4.2 specific experience.	2. Wet Mix Macadam: 20,000 cum per year 3. Granular Subbase: 29,500 cum per year 4. R.C.C. works: 37,000 cum per year	2. Wet Mix Macadam: 20,000 cum per year 3. Granular Subbase: 29,500 cum per year 4. R.C.C. and P.C.C. works: 37,000 cum per year Please add the P.C.C. along with R.C.C. as mention above.	Refer Addendum No. 2 Sl. No. 12.
19	2.6 Equipment	Note - The equipment listed above should not be older than 7 years of age. As the Bharat IV norms came in to existence after 1 April, 2017; the provision shall be modified as under. Emissions from Construction Vehicles, Equipment and Machineries shall be in accordance with the Schedule-I: Standards for Emission suggested and prescribed by CPCB / GPCB. "The Contractor shall have emission certificates as per the Applicable Emission standards of Bureau of Indian Standard (BIS) emission norms for all the construction vehicles and machinery. The Contractor shall maintain a separate file of Pollution Under Control (PUC) certificates for all vehicles/ equipment/ machinery used for the project."	Kindly confirm and request to modify the provision as deleted or may be modified as: "Equipment and vehicles deployed for the construction activities shall be as per the Applicable Emission standards of Bureau of Indian Standard (BIS) emission norms for all the construction vehicles and machinery". The Contractor shall maintain a separate file of Pollution Under Control (PUC) certificates for all vehicles/ equipment/ machinery used for the project."	The provision shall prevail.
20	2.6 of Section-3	The equipment listed above should not be older than 7 years of age.	The equipment listed above should not be older than 07 years of age. If the bidder don't have within 7 years age equipment than Undertaking at the time of bidding is allow for the same.	Refer last para of "Notes" under "2.6 Equipment" of Section III.
	Section-IV			
21	Section IV. Bidding Forms	Letter of Bid- We, the undersigned, declare that: (e) The total price of our Bid, including any discounts offered is: (currency: INR.....) (amount in figure) (amount in words Rupees.....) The Bid is required to be submitted on line. The docs are also to be	Requested to modify the provision of letter of bid at (e) as under: (e) The total price of our Bid, including any discounts offered is: <u>As per Online Financial BID submission</u>	Refer Addendum No. 2 Sl. No. 5, 6 & 7.

Sl. No.	Clause Ref	Description	Query	Response
		submitted at the same time of online Bid submission. The provision as per BID shall not allow the Bidder to do both the things simultaneously. So the provision in letter of BID at (e) shall be modified as - (e) The total price of our Bid, including any discounts offered is: <u>As per Online Financial BID submission</u>		
22	Letter of BID	** Person signing the Bid shall have the power of attorney given by the Bidder to be attached with the Bid. Format of Power of Attorney to sign the BID not provided	Request to Provide Format of Power of Attorney to sign the BID.	The bidders shall follow standard formats as per good industry practice.
Section-VII				
23	General	What is the status of pre-construction activities, such as land acquisition, utility relocations and necessary Environmental clearances?	Kindly confirm the status	No land acquisition is required. No Environmental Clearance is required. Utility relocation is in advance stage.
24	General	Since the project scope includes construction of lot of structures. Kindly furnish the geotechnical investigations report for the project corridor. To provide the geotechnical report	Please provide, Geo tech Report of the Project.	Refer SI No. 10 above.
25	General	Hydrology Report Necessity – Bidding in very short period	Please provide Hydrology Report, of the Project.	Refer SI No. 10 above.
26	General	Pavement design report	Please provide Pavement design report of the Project.	Refer SI No. 10 above.
27	General	DPR Necessity – Bidding in very short period	Please provide DPR OF THE PROJECT.	Refer SI No. 10 above.
28	Cl. No. 10.1.5	Within 20 (twenty) days of the appointment date, the Contractor shall appoint a safety consultant (the “Safety Consultant”) to carry out safety audit..... Fees to be paid to the safety consultant not specified.	Kindly confirm and specify the details of the fees to be paid to the safety Consultant by the Authority / Contractor?	The Contractor shall engage the safety Consultant and fees to the safety consultant shall be borne by the Contractor only.
29	Cl. No. 10.2.2	Within 20 (twenty) days of appointment date, the Contractor shall appoint a proof check consultant (the “Proof Consultant”) after Fees to be paid to the proof consultant not specified.	Kindly confirm and specify the details of the fees to be paid to the proof Consultant by the Authority / Contractor?	The Contractor shall engage the proof Consultant and fees to the proof consultant shall be borne by the Contractor only.
Schedule-A				
30	Table 2.1B: Additional Land Required	Additional land width to be Acquired (m) - Nil	Kindly confirm and specify the width of Corridor of Impact. Also clarify that Whether the Authority is providing ROW or Corridor of Impact?	Width of Corridor Of Impact (COI) shall be as per applicable Typical Cross Sections (TCS). The Authority shall provide Corridor of Impact.
31	Annex - II (Schedule-A)	The dates on which the Authority shall provide <u>Corridor of Impact</u> to the Contractor for facilitating Construction/Development are as stated below:	Kindly confirm and specify	The proposed four laning shall be done within the COI.

Sl. No.	Clause Ref	Description	Query	Response
		Date(s) for providing ROW - 80% length on the Appointed Date and 20% within 90 days from the Appointed Date in accordance with Annex – IV of this schedule.	that the proposed six lanning work is to be done within the width of corridor of impact or within the width of Right of Way?	
	Schedule-B			
32	2.5 Provision of Footpaths	(A), (B), (E), and (F) Footpaths with paver blocks, tactile block longitudinal strip and Pedestrian Barriers Width of tactile block longitudinal strip not specified.	Kindly confirm and specify the width of tactile block longitudinal strip.	The width of tactile blocks strip shall be as per IRC 103.
33	2 Work	Where PCC is required to be done using non-bituminous material due to higher thickness requirement, PCC shall be laid to achieve the desired levels after scarifying the existing bituminous layer(s) in full depth and light rolling of the substrate after sprinkling of water. Provision at Cl no 2 work allows for to use non-bituminous material but as per provision at Cl 5 pavement design it does not allow the use of non-bituminous material.	Both the provision are contradictory. Kindly confirm which provision is specifically applicable.	There is no contradiction.
34	5. PAVEMENT DESIGN 5.1 General Overlay design as per IRC: 115 (Guidelines for Structural Evaluation and Strengthening of Flexible Road Pavements Using Falling Weight Deflectometer (FWD) Technique) shall apply where existing asphalt is milled out partially or fully and compensatory asphalt in equal thickness in the form of DBM is provided. The term compensatory asphalt is not defined anywhere?	Kindly define the term “compensatory asphalt”. Bidder shall be allowed to make use of IRC: 81 with the use of appropriate equivalency factor as per Codal provision and not arbitrarily. Kindly confirm.	Schedules need to be followed appropriately. Provisions of equivalency as given in IRC 81 shall not apply.
35	7.1.8 “Repair” wherever mentioned under Clause-7 of Schedule-B shall cover the following:	Material, type and extent of repair All the repairs and rehabilitation works shall be carried out as per standards and specifications / best engineering practice... The repair work shall be spelled out in exact details in the Bid document to account for exactness of the repairing cost in the Bid Price. The decision for item of repairs for structure work shall not be delegated on the judgment of Authority Engineers whims.	Kindly confirm and requested to spell out the repair items list in detail and specific.	Where necessary the main repair need has been indicated as minimum. Applicants are encouraged to submit their respective Bids after ascertaining the site specific needs as per prevailing standards and specifications.
36	7.1.8 “Repair” wherever mentioned under Clause-7 of Schedule-B shall cover the following: and repair / rehabilitation of damaged concrete/masonry of <u>any component</u> where required etc. to..... This provision is in very broad term may require to rehabilitate complete Bridge structure. So to provide for the cost of repair/ rehabilitation in Bid Price is very difficult. It is requested to elaborate for very specific repair/ rehabilitation requirement.	Kindly specify and elaborate the specific repair/ rehabilitation requirement.	Where necessary the main repair need has been indicated as minimum. Applicants are encouraged to submit their respective Bids after ascertaining the site specific needs as per prevailing standards and specifications.

Sl. No.	Clause Ref	Description	Query	Response
37	7.4.1 Road over-bridges	The schedule of the Road Over Bridge (ROB) is as under: Approved GAD of ROB not provided. Status of approval of GAD / Approved GAD of ROB shall be provided.	Kindly confirm and provide the Approved GAD of ROB.	Approval is in process. Approved drawing shall however be given to the successful bidder.
	Schedule-D			
38	2.2 Deviations in Standards	Sr No 28, Cl no 12.5.8 Lighting The para shall stand modified as: The entire bus bay area shall be provided with lighting (minimum Illumination of 40 Lux) using appropriate solar lighting system.	It is requested to modify as “.....The entire bus bay area shall be provided with lighting (<u>average Illumination of 40 Lux</u>) using appropriate solar lighting system.”	Schedules need to be followed.

(D.K.Solanki)
Superintending Engineer,
Project Implementation Unit,
Gandhinagar