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 4lane 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 0.5mabove 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	4. The bidders are required to submit:	Contradictory provision at	Refer Addendum No. 2 Sl. No. 1.
	FOR BIDS	i. The above four documents shall be submitted in one envelope. The	various places in the Bid	
	(IFB) Pg 2 &	bidders shall not write their names or addresses on this envelope.	Document.	
	3	ii. The <u>number mentioned on acknowledgement of online</u>	Kindly confirm the mode of	
		submission of the bid by the bidder shall be mentioned on envelope	submission and specify the	
		containing the documents as detailed above.	specific details for Bid	
		The name of work shall also be written on the envelope.	Submission.	
14	Add 1 Sr No	Add ITB Clause-21.2 as:	Physical Submission date &	Refer Addendum No. 2 Sl. No. 7.
	18 Pg 7 of 40	The number mentioned on acknowledgement of online submission	time of the documents as	
		of the bid by the bidder shall be mentioned on envelope containing	specified in IFB Cl 4 and	
	&	the documents as detailed above. The name of work shall also be	Online Submission of BID	
		written on the outer envelope.	date & time is the same. (I.e.	
	Add 1 Sr No 3	&	02/05/2019 @ 12 Hrs).	
	Pg 2 of 40	Invitation for Bids (IFB)		
		Para-4 (d) Original power of attorney as per provisions of Clause 20	Due to same time of Online	

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.	
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.	Refer Addendum No. 2 Sl. No. 3.
		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.	
Addendum 1	The number of the Invitation for Bids is:	Please confirm the correct	Refer Addendum No. 2 Sl. No. 4.
,		BID Invitation Number	
Data Sheet (BDS) ITB 1.1 Pg 3 &	IFB No / Tender Notice No NCB No.: NCB No.: GSHP-II/EPC/01C	Please confirm and specify the correct BID Invitation Number	
N-procure			
	Replace ITB Clause-21.1 with the following:	Please confirm the list of	Refer Addendum No. 2 Sl. No. 6 & 7.
Sr No 17	The Bidder shall enclose the original bid in a sealed envelope	Documents to be submitted	10.10.10.0 C /.
Section-II Bid Data Sheet (BDS) ITB 21.1 Pg	marked "Inner envelope number 1".	AS ORIGINAL BID in "INNER ENVELOPE NUMBER 1"	
	Addendum 1 Sr No 5 Pg no 2 & 3 Addendum 1 Sr no 7 Section-II Bid Data Sheet (BDS) ITB 1.1 Pg 3 & Online NIT on N-procure website Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS)	Addendum 1 Sr No 5 Pg no 2 & 3 Addendum 1 Sr No 5 Pg no 2 & 3 Addendum 1 Sr No 5 Pg no 2 & 3 Addendum 1 Sr No 7 Section-II Bid Data Sheet (BDS) ITB 1.1 Pg 3 & Conline NIT on N-procure website Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg Addendum 1 Sr No 17 Section-II Bid Data Sheet (BDS) ITB 21.1 Pg	of ITB. to the Office of the Superintending Engineer, Project Implementation Unit &&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. 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 the work Sidhpur Palanpur Section Package. Kindly confirm and request to provide the details for the respective package. Kindly confirm and request to provide the details for the respective package. Kindly confirm and request to provide the details for the respective package. Kindly confirm and request to provide the details for the respective package. Kindly confirm and request to provide the details for the respective package. Kindly confirm and 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. Addendum 1 Section-II Bid Data Sheet (BDS) ITB 1.1 Pg 3 & Online NIT on N-procure website Addendum 1 Sr No 17 Se Bidder shall enclose the original bid in a sealed envelope marked "Inner envelope number 1". Please confirm the list of Documents to be submitted and and time of physical Submission in will quite difficate for the will quite difficate for the action of the minuber of the bid number on the envelope number of the two details from the envelope number of the envelope number of the submitted of 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. Please confirm the list of Documents to be submitted and the package Mehsana Bypas section of SH-41A from Panchot Junction Number of the Invitation Number of the Invitation Number of the Invitation

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

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: As per Online Financial BID submission 22 Letter of BID Section-VI 23 General What is the status of pre-construction activities, such as land acquisition, utility relocations and necessary finvironmental clearances? 24 General Since the project scope includes construction of lot of structures, Kindly furnish the geotechnical investigations report for the project corridor. 25 General Bince the project scope includes construction of lot of structures, Kindly furnish the geotechnical report Please provide. Report of the Project. 26 General Pavement design report Please provide Pavement design report Please provide Pavement design report of the Project. 27 General DPR Necessity - Bidding in very short period CI. No. 10.15 Within 20 (twenty) days of the appointment date, the Contractor shall appoint a safety consultant five "Safety Consultant") to carry out Schedule-A, Press to be paid to the safety consultant not specified. Schedule-A Additional Land Required The bidders shall follow standard Power of Attorney to sign the BID not provide Power of Attorney to sign the Provide Power of Attorney to sign the Power of Attorney to sign the Power of Attorney to sign the BID. Kindly confirm the status No land acquisition is required. Will relocation is in advance stage. Utility relocation is in advance stage. Visit provide Project. Refer SI No. 10 above. Refer SI No. 10 ab	Sl. No.	Clause Ref	Description	Query	Response
Section-VII					_
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total price of our Bid, including any discounts offered is: As per Online Financial BID submission 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. **Section-VII **What is the status of pre-construction activities, such as land acquisition, utility relocations and necessary Environmental clearances? **What is the status of pre-construction activities, such as land acquisition, utility relocations and necessary Environmental clearances? **Since the project scope includes construction of lot of structures. Kindly furnish the geotechnical investigations report for the project corridor. **To provide the geotechnical investigations report for the project. **Section-VII **Application of Power of Attorney to sign the Bid. **Application of Attorney to sign the Bid. **Since the project scope includes construction of lot of structures. Kindly furnish the geotechnical investigations report for the project. **Contractor of the Project.** **Section-VII **Section-VII **Please provide Hydrology Report And Power of Attorney to sign the Bid. **Refer SI No. 10 above.** **Refer SI No. 10 above.					
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Section-VII					formats as per good industry practice.
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Schedule-A 30 Table 2.1B: Additional land width to be Acquired (m) - Nil Additional Land Required 31 Annex - II (Schedule-A) CSchedule-A) Schedule-A CSchedule-A Schedule-A CSchedule-A Schedule-A CSchedule-A CSchedul			Food to be poid to the proof consultant not specified		
Table 2.1B: Additional land width to be Acquired (m) - Nil Additional Land Required Annex - II (Schedule-A) Table 2.1B: 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. The dates on which the Authority shall provide Corridor of Impact to Impact? The proposed four laning shall be done		Schodula A	rees to be paid to the proof consultant not specified.	by the Authority / Contractor?	Contractor only.
Additional Land Equired the width of Corridor of Impact. Also clarify that Whether the Authority is Authority shall provide Corridor of Impact to (Schedule-A) the Contractor for facilitating Construction/Development are as the width of Corridor of Impact. Also clarify that Whether the Authority is providing ROW or Corridor of Impact. The proposed four laning shall be done	30		Additional land width to be Acquired (m) Nil	Kindly confirm and specify	Width of Corridor Of Impact (COI) shall
Land Required The dates on which the Authority shall provide Corridor of Impact to (Schedule-A) The dates on which the Authority shall provide Corridor of Impact to (Schedule-A) The dates on which the Authority shall provide Corridor of Impact to (Schedule-A) The Authority shall provide Corridor of Impact to Impact? The proposed four laning shall be done	30		Additional faild width to be Acquired (III) - IVII		
Required Whether the Authority is Annex - II The dates on which the Authority shall provide Corridor of Impact to (Schedule-A) the Contractor for facilitating Construction/Development are as Impact? The Authority is providing ROW or Corridor of Impact. The Authority shall provide Corridor of Impact to Impact. The proposed four laning shall be done					
Annex - II The dates on which the Authority shall provide <u>Corridor of Impact</u> to (Schedule-A) the Contractor for facilitating Construction/Development are as Impact? Impact? Impact. The proposed four laning shall be done					
(Schedule-A) the Contractor for facilitating Construction/Development are as Impact? The proposed four laning shall be done	31		The dates on which the Authority shall provide Corridor of Impact to		
Stated below Kindly confirm and specify within the Col.		(-	stated below:	Kindly confirm and specify	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	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	Width of tactile block longitudinal strip not specified. 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 any component 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	The schedule of the Road Over Bridge (ROB) is as under:	Kindly confirm and provide	Approval is in process. Approved
	over-bridges	Approved GAD of ROB not provided. Status of approval of GAD / Approved GAD of ROB shall be provided.	the Approved GAD of ROB.	drawing shall however be given to the successful bidder.
	Schedule-D			
38	2.2	Sr No 28, Cl no 12.5.8 Lighting	It is requested to modify as	Schedules need to be followed.
	Deviations in		"The entire bus bay area	
	Standards	The para shall stand modified as:	shall be provided with lighting	
		The entire bus bay area shall be provided with lighting (minimum	(average	
		Illumination of 40 Lux) using appropriate solar lighting system.	<u>Illumination of 40 Lux</u>) using	
			appropriate solar lighting	
			system."	

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