

Reference : TENDER NO. IWAI-15016/4/2022-Hy

CPP Portal Tender ID : 2023\_IWAI\_762672\_1,2,3,4,5,6,7

Pre-bid meeting held on 02.08.2023 at 1600 hours.

Response to pre-bid queries raised by bidders

S.no.	Clause & Sub-Clause	Ref. Page Number	Clause/ Content of Tender	Clarification Sought	IWAI response
1.	Section – II, Instruction to Bidders, Clause 10.1.1 a) and FORM 4D: POWER OF ATTORNEY	17, 39-40	PoA for the authorized person of the Bidder as per Section IV: Form - 4D. This PoA shall be accompanied by copy of company identity card or general identity card (Passport / Driving license / Voter's ID etc.) of the authorized representative.	Whether General Power of Attorney is acceptable? Or need to submit as per Form 4D given in the tender document? Please clarify.	Tender clause prevails.
2.	Section – II, Instruction to Bidders, Clause 10.1.1 c), Sl. No. 3	18	....If the bidder wishes to quote for more than one schedule, then consolidated EMDs for all such schedules should be submitted.	Can the consolidated amount of EMD of multiple schedules be paid under a single instrument or separate instruments for each schedule?	Single or separate, both are acceptable.
3.	Section – II, Instruction to Bidders, Clause 10.1.3 (c), Sl. No. 23 (a), 23 (b), & 23(c)	20	....If the bidder wishes to quote for more than one schedule, then consolidated completed works for all such schedules should be submitted.	If a bidder has completed similar work to the extent to be eligible under Schedule A and submits bid in all other schedules with the same work, in such a case whether the financial bid for all the schedules shall be opened? If yes, then how would the bidder be treated if he is L1 bidder in more than one schedule?	If the bidder doesn't submit Consolidated amount of completed works for all bidding schedules as per tender qualifying criteria, bids will be termed as non-responsive for all schedules.

*[Handwritten signature]*  
07/08/23

*[Handwritten signature]*  
07/08/23 8:15

*[Handwritten signature]*

*[Handwritten signature]*  
07/08/23

*[Handwritten signature]*  
07/08/23

	Section & Sub-Clause	Serial No.	Clause / Content of Tender	Clarification Sought	IWA1 response
4.	Section – II, Instruction to Bidders, Clause 10.1.3 (c), Sl. No. 23 (c)	20	(iii) 1 similar completed work costing not less than the following amount: i. Schedule ‘A’ – INR 1,31,56,800/- ii. Schedule ‘B’ – INR 1,31,56,800/- iii. Schedule ‘C’ – INR 1,31,56,800/- iv. Schedule ‘D’ – INR 1,14,19,200/- v. Schedule ‘E’ – INR 1,14,19,200/- vi. Schedule ‘F’ – INR 1,14,19,200/- vii. Schedule ‘G’ – INR 1,14,19,200/ If the bidder wishes to quote for more than one schedule, then consolidated completed works for all such schedules should be submitted.	If we have a completion certificate of similar nature of work amounting to Rs. 2,28,37,350 (Without GST) then can we quote all seven schedules, if we full fill all others requirements like turnover, equipment's, manpower.	As replied at Sl#3 above.
5.				Regarding Qualification- Is one qualification criteria will work in all tender.	As replied at Sl#3 above.
6.	Section – II, Instruction to Bidders, Clause 10.1.3 (c), Sl. No. 23 (c)	20	(iii) 1 similar completed work costing not less than the following amount: i. Schedule ‘A’ – INR 1,31,56,800/- ii. Schedule ‘B’ – INR 1,31,56,800/- iii. Schedule ‘C’ – INR 1,31,56,800/- iv. Schedule ‘D’ – INR 1,14,19,200/- v. Schedule ‘E’ – INR 1,14,19,200/- vi. Schedule ‘F’ – INR 1,14,19,200/- vii. Schedule ‘G’ – INR 1,14,19,200/ If the bidder wishes to quote for more than one schedule, then consolidated completed works for all such schedules should be submitted	We have single work order of Topographic survey though Drone/Airborne based Lidar of more than 10 Cr from Govt. department, we are assuming that the authority will allow considering in all 7 schedules with single work order.	If the bidder is meeting the Consolidated completed works tender qualifying criteria, single work order may be submitted for such schedules.

*[Handwritten signature]*  
27/8/23

*[Handwritten signature]*  
27/8/23

*[Handwritten signature]*

*[Handwritten signature]*  
28/8/23

Sl. No.	Clause & Sub-Clause	Page Number	Clause Content of Tender	Clarification Sought	IWAI response
7.	Section-II, Instruction to Bidders, Clause 10.1.3 (d), Sl. No. 24	21	....Substantial completion of the work shall be minimum 80 (eighty) percent (value wise) or more and the same will be considered.	Whether projects with substantial completion shall be considered for qualification under completed similar works?	Tender clause prevails
8.	Section-II, Instruction to Bidders, Clause 10.1.1 (d) BDS ITB 6.3,	30	d) Proof of Bank Solvency for the minimum amount as specified in Section - III: Bid Data Sheet: Schedule 'A' - INR 41,81,000.00 Schedule 'B' - INR 41,81,000.00 Schedule 'C' - INR 41,81,000.00 Schedule 'D' - INR 36,29,000.00 Schedule 'E' - INR 36,29,000.00 Schedule 'F' - INR 36,29,000.00 Schedule 'G' - INR 36,29,000.00 Bank Solvency certificate should not be older than one (1) year from the Bid submission last date from a nationalized/scheduled bank in India.	Regarding Solvency - Is one solvency will work in all tender.	If the bidder wishes to quote for more than one schedule, then consolidated Bank Solvency for all such schedules should be submitted.
9.	SECTION III: BID DATA SHEET BDS 3.7	31	If bidder submitted bid for more than one schedule, different manpower, equipment & boat for each schedule to be provided by the contractor. Equipment list shall include required bathymetric & topographic instrument with Survey software for each schedule.	We are assuming that bidder have to submit ownership proof or lease agreement of equipment's and software.	Bidder has to mention the owner's name or to submit lease agreement of equipment's and software.
10.	Section VII, Clause 2.3 (i)	55	The BM Pillar (origin of survey) to be connected with nearest GTS Bench Mark by DGPS Baseline and by Fly Levelling with Digital level.	Whether GTS details will be provided by IWAI or on the basis of procurement from SOI.	Contractor has to find out the GTS BM. BM Value will be provided by the IWAI.
11.	Section VII, 2.3 i) & v)	55	<b>2.3 Horizontal Control</b> i) The BM Pillar (origin of survey) to be connected with nearest GTS Bench	i) How far GTS bench mark is available from each schedule (A,B,C,D,E,F,G). Who will provide	Contractor has to find out the GTS BM. Z Value will be provided by the IWAI.

*[Handwritten signature]*  
5/7/23

*[Handwritten signature]*  
5/7/23 SRS

*[Handwritten signature]*

*[Handwritten signature]*  
SRS

*[Handwritten signature]*  
SRS

	Clause & Sub-Clause	Page Number	Clause/Content of Tender	Clarification sought	IWA response
			<p>Mark by DGPS Baseline and by Fly Levelling with Digital level.</p> <p>ii) The Topographic survey has to be carried out with the help of RTK DGPS or LIDAR. Minimum five numbers of Ground Control Points (GCP) are to be established in a one sq.km area and data is to be submitted. The Topographic survey has to be carried out with the help of RTK DGPS or LIDAR (Ground / Drone / Airborne), however, all the permissions shall be taken by the Contractor from the concerned authorities.</p>	<p>the (X,Y,Z) value of GTS bench mark.</p> <p>ii) If we do topographical survey in RTK DGPS with GSM Mode, maximum distance allowed for correction is 4 to 5 km (Aerial distance) then also we have to establish 5 GCP's in one sq.km. By which method (Static/RTK) GCP's Should be established for carrying topographical survey. If static method then what will be the observation time.</p> <p>Also CORS is allowed to do Static/RTK survey or not. Please clarify.</p>	<p>ii) GCP is only required for Drone survey.</p> <p>CORS are allowed if accuracy meets IHO standards.</p>
12.	Section VII, Clause 2.3 (v)	55	<p>The Topographic survey has to be carried out with the help of RTK DGPS or LIDAR. Minimum five numbers of Ground Control Points (GCP) are to be established in a one sq.km area and data is to be submitted. The Topographic survey has to be carried out with the help of RTK DGPS or LIDAR (Ground / Drone / Airborne), however, all the permissions shall be taken by the Contractor from the concerned authorities.</p>	<p>Multiple GCPs are needed for photogrammetric survey. Since photogrammetry is not allowed as per Section VII, Clause 2.3, Sub-clause (vi), page no. 55, need for GCPs may kindly be clarified.</p>	<p>GCP is only required for Drone survey.</p>
13.	Section VII, Clause 2.3 (vi)	55	<p>Photogrammetry for extraction of Topo Level is not Allowed.</p>	<p>Can photogrammetry be used for picking topographical details?</p>	<p>Photogrammetry is not allowed for levelling or fixing positions.</p>

*[Handwritten signature]*  
07/11/23

*[Handwritten signature]*  
07/11/23 825


*[Handwritten signature]*

*[Handwritten signature]*  
07/11/23

*[Handwritten signature]*  
07/11/23

S.no.	Clause & Sub-Clause	Ref. Page Number	Clause/ Content of Tender	Clarification Sought	IWAI response
14.	Section VII, Clause 2.4 (ii)	56	Available CWC / Irrigation / Flood Control Deptt. gauges and referenced pillars shall also be fixed (horizontal and vertical both) and photographed	Please elaborate.	All objects and physical features are to be fixed and photographed.
15.	Section VII, 2.4.1 i)	56	<b>2.4.1 Water Level Gauges</b> i) Water level gauges are to be erected at every 10 km interval along the canal/river and also at 500m upstream and 500m downstream of Locks, Sluice gates, Barrages, Dams, Tributaries etc. The gauges should not be disturbed for entire duration of survey.	i) Specification for erection of gauge is not mentioned in the tender. Please clarify.	Manual or ATG may be used.
16.	Section VII, Clause 2.5, Table Column: Limits of Survey / Width of survey	57	i) Bank to Bank detailed hydrographic survey (both bathymetric and topographic) is to be conducted on the Cross Sectional lines to be provided by IWAI.	Planned lines for bathymetry & topography will be provided by IWAI.	Tender clause prevails.
17.	Section VII, 2.7	58	<b>2.7 Topographic Survey/Spot Sounding</b> Topographic survey is to be carried out on both the banks and Islands up to 200 mtr. from the Low Water Line on both side of bank / Island.	From this what we understand that the topographical survey will be carried up to 200 m on either bank/Island from low water line no matter whether HFL is achieved or not. Please clarify.	Survey is to conducted as per cross-sectional line file provided by IWAI.
18.	Section VIII, GCC Clause 5.2	90	Subcontracting	Exemption of subcontracting clause for active participation of prominent firms and fosters a broader pool of highly qualified bidders, ultimately contributing to the success of the project.	Tender conditions prevails


 07/08/27


 07/08/23575




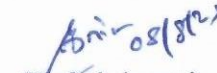


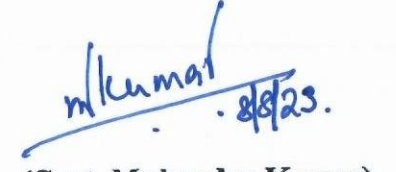
S.No.	Clause & Sub-Clause	Page Number	Clause/ Content of Tender	Clarification sought	IWA's response
19.	Additional query			During this tender, if other bidder bids the same price as ours in the last tender, then what shall be the evaluation procedure?	If the prices of two or more bidders are the same, Authority may award the work with equal quantity of Line km or re-tender.

  
**(Kishan Chand)**  
 DD (F)

  
**(Rajiv Singhal)**  
 SHS

  
**(A. Selva Kumar)**  
 Dir (Ghy.)

  
**(P. Srinivasa)**  
 Dir (Hyd.)

  
**(Capt. Mahendra Kumar)**  
 Hyd. Chief