

Response to bidders queries against IFB Package REVISED/HMAP for Supply, installation & commissioning, operation and maintenance of Hydro Metereological system for Jammu & Kashmir.

| S.No. | Description as per Bid document | Bidders Query | Response |
|--------------|--|--|--|
| 01. | The bidder must have supplied satisfactorily similar equipment of the type specified in each schedule to the extent of AT LEAST INR 70.00 Crores AS A SINGLE ORDER, in ANY ONE OF THE LAST FIVE YEARS and should be in use satisfactorily with no adverse report for AT LEAST TWO YEARS preceding the date of bid opening. | The bidder must have supplied satisfactorily similar equipment of the type specified in each schedule to the extent of AT LEAST INR 70.00 Crores in Multiple Orders , in any 2 years , during last 5 years <i>(Since Hydromet equipment's are highly Specialized products, by asking 70 Crore in single order, is limiting the competition to very large extent, hence kindly consider the above).</i> | The bidder must have supplied satisfactorily similar equipment of the type specified in each schedule to the extent of AT LEAST INR 45.00 Crores AS A SINGLE ORDER, in ANY ONE OF THE LAST FIVE YEARS (2014 – 2018) and should be in use satisfactorily with no adverse report for AT LEAST ONE YEAR preceding the date of bid opening. (Refer Corrigendum – 2) |
| 02. | Automated Rain Gauge | Site condition for Automatic Rain Gauge is not specified; Kindly clarify, if the Funnel heating is required for Tipping Bucket Rain Gauge. If Heating is required, will mains power be made available at site? | Funnel heating is not required. |
| 03. | Automatic Water Level Radar x. Should have provision for Built-in LCD display for monitor and setup. The Keypad LCD display should be removable. | Since the Radar Level Sensor is either mounted below the bridge or on a cantilever structure , A built in LCD display attached to the sensor is not accessible for taking the reading or configuring etc , Hence Kindly accept a standalone/separate display unit along with or built on data logger. | It is clearly mentioned that the AWLR should have provision for built – in LCD display for monitor and setup. As such, standalone/separate display unit along with or built on data logger is acceptable. |
| 04. | The Radar sensor should have multiple measuring modes and averaging mode | Kindly accept that The Radar sensor along with data Logger perform the task of multiple measuring modes and averaging mode. | Accepted. (Refer Corrigendum – 2) |
| 05. | Radar sensor Beam Angle: 8° Beam Width: 5.59m for 40m range | The precise value of beam width and beam angle suggests the specification to be specific vendor driven, kindly provide generic specification for these parameters, to enable suitable make to qualify. | Radar sensor Beam angle : $\leq 16^\circ$ Beam Width: ≤ 11.18 m for 40 m range (Refer Corrigendum – 2) |
| 06. | VII. If the sensor is installed on a bridge, <i>the sensor</i> should have feature for area mapping to avoid beam interference with the bridge structures or bridge piers. | Kindly accept this feature, alongwith Data logger <i>“If the measuring system , is installed, with sensors on a bridge, the system should have feature for area mapping to avoid beam interference with the bridge structures or bridge piers” during installation”</i> | Accepted. (Refer Corrigendum – 2) |

| | | | |
|-----|---|---|---|
| 07. | DWLR without Vent Tube | Kindly also accept DWLR with vent tube, which has in built barometric compensation , required for such Terrine, where frequent and location specific, change in Barometric pressure is expected, Vented tube version is widely used for data collection purpose, globally. | No Change. |
| 08. | (a) Delivery schedule. (as per Incoterms specified in the BDS) The Goods specified in the List of Goods are required to be delivered within the acceptable time range (after the earliest and before the final date, both dates inclusive) specified in Section VII, Schedule of Requirements. | Kindly extend the latest delivery Time to Minimum 240 Days, and accept part delivery of Line items. | Refer Corrigendum – 2. |
| 09. | ATTACHMENT 1: Locations | 1)Kindly Confirm, that all the Locations are accessible by Road , and by walk 2) Kindly Confirm that access permission (if any) to all site locations will be arranged by the purchaser 3) Kindly clarify Who will take care of security of Instruments after completion of installation? | 1) All locations are accessible by road or by walk. 2) The access permission (if any) to all site locations shall be facilitated by the purchaser. 3) The equipment installed under the contract shall be under security of the contractor till the expiry of defect liability period as well as warranty clause and O&M period is over. |
| 10. | Water Velocity Radar Sensor (WVRS): | 1) Please clarify that a bridge is available for mounting of velocity Radar at all locations 2) Please specify the distance of the Radar sensor (Bridge) from Minimum water level | 1) The WVRS are to be installed over the steel towers, to be provided and installed by the contractor wherever required and on existing towers wherever available. 2) Maximum Measurement level required is 40 m. The maximum distance of the Radar sensor from Minimum water level varies from site to site. The bidder is required to ascertain the same before quoting the bid. |
| 11. | Data Logger Specification | Please advise the expected distance between, Radar Water Level sensor and Radar velocity sensor, to data logger, in order to estimate the length of cable required. | The AWLR and WVRS are required to be installed on same steel towers. However, maximum length of cable required may be assumed as 15 meters for estimation purposes. |
| 12. | SPECIFICATIONS OF CABLEWAY Specifications | Detailed specification required for example, Site condition, span of the river at each location, ambient temperature variation, Manual or Motor operated ETC? | Maximum Span for the cable way shall be 250 meters in Kashmir Region and 300 meters in Jammu Region, with ambient temperature variation of – 20 to + 55 deg C and the cable way shall be motor operated. |

| | | | |
|-----|--|---|--|
| 13. | GCC 13.1 Details of Shipping and other Documents to be furnished by the Supplier are given below: (a) For Goods supplied from abroad | As per GCC, contractor is supposed to submit all the shipping document of overseas supply to the purchaser. Please clarify, will customs duty (If any,) be paid by the purchaser? | No. This will be borne by the contractor. |
| 14. | Bids must be delivered to the address below:- PMU JTFRP Office, ERA Commercial Complex, Rambagh Srinagar, J&K. on or before 1600 hours of 14-11-2019 | Kindly Consider to extend the tender due date until 20 th December 2019 | (Refer Corrigendum – 2) |
| 15. | Price and Completion Schedule – Related Services Determination of plan-metric coordinates of all sites, reduced levels of river gauge sites, development of rating curves at river gauge sites and determination of conversion factor to convert snow gauge measurement to snow depth. | Are the bidders supposed to create the rating curve for all the Radar Velocity/Radar Level sites? | Yes, the bidders are required to create the rating curve for all the Radar Velocity/Radar Level sites. |
| 16. | List of Related Services and Completion Schedule Training of the Purchaser’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance and/or repair of the supplied Goods. | Please clarify, if the Manufacturer is from Europe, is there a provision/necessary approval for the officials of purchaser to travel to Europe? Should the bidder consider only Expenses incurred in Europe, in such event? | Trainings shall be on-site only. (Refer Corrigendum – 2) |
| 17. | Bids must be delivered to the address below:- PMU JTFRP Office, ERA Commercial Complex, Rambagh Srinagar, J&K. on or before 1600 hours of 14-11-2019 | To allow for more time to prepare this complex tender, please consider extending tender submission date to 20th December 2019. | Refer response to Query No. – 14 above. |
| 18. | The bidder must have supplied satisfactorily similar equipment of the type specified in each schedule to the extent of AT LEAST INR 70.00 Crores AS A SINGLE ORDER, in ANY ONE OF THE LAST FIVE YEARS and should be in use satisfactorily with no | The requirements are very high for such specialized equipment supply. We suggest modifying the conditions to the following: “The bidder must have supplied satisfactorily similar equipment of the type specified in each schedule to the extent of AT LEAST INR 70.00 Crores in Multiple Orders during last 5 years.” | Refer response to Query No. – 1 above. |

| | | | |
|-----|--|---|--|
| | adverse report for AT LEAST TWO YEARS preceding the date of bid Opening | | |
| 19. | Price Completion Schedule, Item 6: Creation Of new maps, Digitization of Existing maps & datum conversion. | 1. Please confirm that this item refers to location maps for each installation site. 2. Please specify number of print outs and map size. | 1. The item refers to the location maps and complete basin maps, etc. 2. Minimum 03 printout sets of each map on A0 size. |
| 20. | Price Completion Schedule, Item 9: Data Storage on NIC Cloud | To store the data on the NIC Cloud, do you require physical presence of contractor's employee at the Data Centre? | The data is required to be stored on NIC cloud. It is the contractor's responsibility how the same will be managed. |
| 21. | Section VII Schedule of Requirements: Data processing software at the data centre for validation, processing and archival will be provided by the purchaser. The supplier will integrate the system with the IOFS (Integrated Operational Forecasting System) developed by the consultant already hired by PMU, JTFRP. | 1. Please confirm, contractor to develop software to integrate processed and archived data of the purchaser with different applications of third-party consultants. 2. Please specify software and data exchange formats as well as data structure, being used by purchaser and hired consultants. | 1. The contractor has to integrate data base generated at data centre with the IOFS (Integrated Operational Forecasting System) developed by the consultant separately hired by PMU, JTFRP. The vendor will have to send his resource person for setting up automated data upload to server first time, thereafter they will be provided remote access to ensure that there automated data upload process is working properly. Data processing software at the data centre for validation, processing and archival will be provided by the purchaser. 2. The contractor shall have to provide a WMS web service for sharing data with other applications being developed by JTFRP. One web service for every data type. |
| 22. | For Installation and Civil Works: (a) 100% of the contract price (Installation and Civil Works) shall be paid on completion of 100% installation and civil works after the verification of the work from site from Purchaser's representative and issuance of Operational Acceptance Certificate issued by the | We kindly request to allow for invoicing on quarterly basis for all sites accepted by the purchaser. | Accepted. (Refer Corrigendum – 2) |

| | | | |
|-----|---|--|--|
| | Purchaser's representative in the Performa given in Section VII - item 6. | | |
| 23. | Qualification criteria for bidders | The current assignment should be led by a consultancy firm having international exposure with multiple subcontractors for the successful commissioning and O&M of the works to get quality data. | No Change |
| 24. | | Consulting firms may be allowed to lead the assignment with multiple subcontractors (manufacturers). | No Change |
| 25. | | Please allow wholly owned subsidiary of a company to use credentials of the parent company. | Not Accepted unless such subsidiary is a JV partner of the parent. |
| 26. | | You will appreciate that the hydro meteorological stations are installed on project basis, therefore the criteria for single order value mentioned in Clause 3.1.a.(ii) may be deleted. | No Change |
| 27. | | The qualification criteria for subcontractor (manufacturers) may be deleted, as consultant will be responsible for the completion of the assignment. | No Change |
| 28. | Bid Security | EMD may be relaxed to Rs. 10 Lacs | No Change |
| 29. | Last date for bid submission. | The submission deadline of bid may be extended for at least 45 days. | Refer response to Query No. – 14 above. |
| 30. | Page 52, Price Schedule Table, <ul style="list-style-type: none"> • Line Item Nos 14 DWLR Piezometric • Line Item 15, Sediment Analysis Equipment | Please provide installation details and location for piezometers (installation depths) and sediment analyzer sounds | Location details already provided in Attachment – 1. Further details are to be ascertained by the bidders. |
| 31. | Page 53, Price Schedule Table, <ul style="list-style-type: none"> • Line Item Nos 27, Cable way, • Line Item No 29 Prefabricated guard rooms | As the same number of cable ways as guard rooms are requested, <ol style="list-style-type: none"> a) Can you please confirm that the guard rooms are to be located at the cable ways? b) What is the required frequency for ADCP profiling at these cable ways? c) Do they need to be staffed 24/7? | <ol style="list-style-type: none"> a) Yes b) Required frequency shall be 10 days and daily or 6 hourly during floods. c) Staff deployment shall be as per requirements. Please also see point 09 (3). |

| | | | |
|-----|--|--|--|
| 32. | <p>Page 53, Price Schedule Table,</p> <ul style="list-style-type: none"> Line Item No 28, prefabricated rain shelters No 29, prefabricated guard rooms | <p>The required shelters and guard rooms are sufficient for 103 sites.</p> <ul style="list-style-type: none"> Please clarify, if you have specific requests on supplier providing personnel (guards) present at these sites during AMC and Operation periods? Will J&K Government provide security for installation and operation of the system? | <p>No change</p> <p>The maintenance, operation and safety of equipment would be the responsibility of the vendor till the expiry of defect liability period as well as during the 5 year period Post-installation.</p> |
| 33. | <p>Page 74, Table: List of Related Services and Completion Schedule</p> <ul style="list-style-type: none"> Line Item No 1 – Installation Line Item No 3 – AMC Line Item No 4 - Operation | <p>To our understanding, in items 1, 3 and 4 different service durations are provided for</p> <ul style="list-style-type: none"> installation 540 days AMC 3 years Operation 5 years <p>Adding up installation time AMC and in parallel to AMC, operation, project duration is 6.5 years. This is two years more than indicated in the column “Final Completion Date(s) of Services” of 540 days + 3 years AMC = 4.5 years</p> <p>Please confirm our calculation of 6.5 years or advise on correct period and work packages to be quoted for in this tender..</p> | <p>Final completion date of services shall be 540 days from the date of issue of Notice to Proceed + 5 years O&M period, which includes 2 years of warranty period and 3 years of AMC.</p> |
| 34. | <p>Page 74, Table: List of Related Services and Completion Schedule</p> <ul style="list-style-type: none"> Line Item 7 – Creation Of new maps, Digitization of Existing maps & datum conversion | <p>To accurately quote for this item, please provide details on</p> <ul style="list-style-type: none"> Existing maps: Scale, size (A3, A2 etc.) type of map (topographic, geological etc.), number of maps to be digitized, number of print outs required. New Maps: Scale, map size (A3,A2 etc), number of map sheets, number of print outs. | <p>Refer response to Query No. 19 above.</p> |
| 35. | <p>Page 103: “Data processing software at the data centre for validation, processing and archival will be provided by the purchaser. The supplier will integrate the system with the IOFS(Integrated Operational Forecasting System) developed by the consultant already hired</p> | <ul style="list-style-type: none"> Please provide details data exchange formats and processes existing for the IOFS to allow for quantification of effort to create an interface. Please provide physical address of data centre to be set up. | <ul style="list-style-type: none"> Refer response to query No. – 21 above. One each Data centre shall be located at Srinagar and Jammu. |

| | | | |
|-----|--|---|--|
| | by PMU, JTFRP” | | |
| 36. | Page 116, 4. Drawings “Proposed Steel Tower for Installation of AWR on River Jhelum”. | <p>We understand that</p> <ul style="list-style-type: none"> • this is a proposed design and alternative designs can be applied for the installation. • on rivers and streams other than the Jhelum no design is proposed for AWR. • there is no proposed design for WVRS. Please confirm. | The drawing indicates the proposed design. The bidder may use an alternative suitable design for steel towers for installation of AWR. Same shall be applicable for all AWR and WVRS. |
| 37. | Page 120, “Site Preparation for SFO” | <p>There is no equipment in the Price Schedule that would correspond to this drawing, nor are there any locations or quantities given. Please clarify on installation and supply requirements for SFO.</p> | The drawing may be treated as deleted. (Refer Corrigendum – 2) |
| 38. | Page 174: “GCC 25.2 (e) The supplier shall impart one week training per equipment to Purchaser’s personnel on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods as per the details below:- Control Centre : 05 each at Srinagar and Jammu Field Stations: 50 each in Srinagar and Jammu. | <p>As per PRICE SCHEDULE on Pages 51-53 there are 30 different type of equipment to be supplied: Please clarify on the</p> <ul style="list-style-type: none"> • On which equipment training to be provided, • Total duration of required training, • Number of attendees per training. • If training facility (meeting room) will be provided by Purchaser. | <p>Training is to be imparted for each equipment. Duration for training programme shall be as per bidder’s proposal. Maximum number of attendees per training shall be 25. Meeting room shall be provided by the Purchaser. (Refer Corrigendum – 2)</p> |
| 39. | Page 102 Current Meter (Handheld) (minimum specifications): | <p>We presume the current meter you are looking for, is for using along with the Cable way installation. Hence we have following comments:- The tender specification of current meter appears to be not suitable for use on Cable way installation. And appears to be typically for Oceanographic application. Kindly provide specification of “Universal Current meter” for use on Cable way , which has no , pressure and temperature sensor built on the same ,and it should be suitable to attach to a sinker weight.</p> | No Change |
| 40. | Cable way installation | The specification is not mentioning the requirement of Sinker weight, suitable for maximum velocity of water. Please provide the specification of Sinker weights. | Sinker weight shall be as per proper design. |

| | | | |
|-----|--|--|---|
| 41. | ITB 33.1 Domestic Preference | Please clarify whether margin of preference to Domestic manufactured Items shall be applicable. | No |
| 42. | Margin of Preference (ITB 33). | Margin of Preference (ITB 33). Not applicable in this bidding process If the Bidding Date Sheet so specifies, the purchaser will grant a margin of preference to goods manufactured in the purchaser's country for the purpose of bid comparison, in accordance with the procedures outlined in subsequent paragraphs. | No Change |
| 43. | Bids will be classified in one of three groups as follows: Group A: Bids offering goods manufactured in the Purchaser's Country for which (i) labour law materials and components from within the purchaser's country account for more than thirty (30) percent of the EXW price and (ii) the production facility in which they will be manufactured or assembled has been engaged in manufacturing or assembling such goods at least since the date of bid submission. Group B: All other bids offering Goods manufactured in the purchaser's country. Group C: Bids offering Goods manufactured outside the Purchaser's Country that have been already imported or that will be imported. | Please clarify in case one of the item of Schedule of requirements of the Bids offered in Group A or Group B category is not manufactured in the Purchaser's Country, whether the bid shall continue to remain in Group A or B or else shifted to Group C. | The clause is self-explanatory. No further elaboration is required. Moreover, as no margin of preference is applicable, the classification of bids in these Groups will make no difference in bid evaluation. |
| 44. | ITB 34.6 | We understand that additional factors viz. Delivery schedule & Deviation in payment schedule, cost of major replacement components, mandatory spare parts, and service Availability in the Purchaser's Country of spare parts and after sales services for equipment offered in the bid. Projected operating and maintenance costs. Performance and productivity of the equipment shall not be applicable in evaluation of bid, if the | No Change. In case the bidder deviates, it will make the bid conditional, thus non-responsive. |

| | | | |
|-----|---------------------------------|--|---|
| | | bidders deviate nor the bid shall be declared unresponsive. Please confirm | |
| 45. | ITB 36.2 | Add at the end of ITB clause 36.2 the following: “The determination shall not taken into consideration the qualifications of other firms such as the Bidder’s subsidiaries, parent entities, affiliates, sub-contractors (other than specialised sub-contractors if permitted in the bidding document), or any other firm(s) different from the Bidder.” | No Change |
| 46. | Financial Capability | To be deleted for NSIC registered SSI units as per Government of India G.O F.No (22.1/2003/EP&M dated: 29.07.2003), the turnover requirement should be waived off. Alternatively, it may be incorporated: -Bidders should have positive net worth as per last audited balance sheet. 1) Bidder should demonstrate 40% bid capacity. 2) Bid capacity formula should be provided; calculations adjusted using the Multiplying factor table. 3) Multiplying factor table to be provided. | No Change. However, Refer Corrigendum – 2. |
| 47. | Post Qualification Requirement. | In case of individual Bidder. The bidder of the Joint Venture Major Partner should have the experience of successful commissioning of must have supplied satisfactorily similar equipment of the type specified in each schedule to the extent of AT LEAST INR 70.00 CRORES AS A SINGLE ORDER, IN ANY ONE OF THE LAST FIVE Years value updated to current dates as per multiplying factor and should be in use satisfactorily with no adverse report for AT LEAST TWO YEARS preceding the date of bid opening. | No Change. However, Refer Corrigendum – 2. |

| | | | |
|-----|---------------------------------|--|----------------------|
| 48. | If Bidder is not manufacturer : | Since the description of goods is different, the | Refer Corrigendum 2. |
|-----|---------------------------------|--|----------------------|

| | | | |
|-----|---|--|--|
| | If Bidder is not manufacturer but is offering the Goods on behalf of the Manufacturer under Manufacturer's Authorization Form { Section IV, Bidding forms}, the Manufacturer shall also demonstrate the above qualifications (i) , (ii) , (iii) . | manufacturers are also different. It is not possible for individual manufacturer to meet the financial requirements of (i) and (ii) individually. Moreover, the manufacturers work through their authorized distributors and channel partners. | |
| 49. | Payment for Goods and Services supplied from within the Purchaser's country. | Whether deviation from specified payments terms shall not make the bid unresponsive in view of ITB 34.6 | Deviation from specified payment terms will make the bid conditional, thus non-responsive. |

Sd/-
Director (Technical)
JTFRP