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| REQUEST FOR PROPOSAL TITLE: | HIRING OF SURVEY AGENCIES FOR TOPOGRAPHICAL SURVEYS FOR WATER SUPPLY WORKS IN KARNATAKA |
| REQUEST FOR QUOTATION NO.: | IPE-AMRUT-2023 (RFP) - 048 |
| DATE | JUNE 02, 2023 |

QUERIES AND CLARIFICATIONS

| SL. NO | REF TO RFP | QUERIES | IPE GLOBAL'S RESPONSE |
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| 1. | ToR- Point 2 ii | <p>Scope of Work: Level on road centre, road edge, shoulder edge and property line, land use and roadside drain location including its width, depth, type / shape, material of construction etc. on both side of roads</p> <p>Query/ Suggestion: For cost control, the level required on road centre at every 30m, road edge & Property line at every road junction, other is ok.</p> | Surveyor can avoid roadside drain widths, type, shape and material of construction. Other components are required. |
| 2. | iii | <p>Scope of Work: The level of roads are to be picked up to 15m interval or bends / curves / change in slope / change in gradient, whichever is earlier on both sides of road.</p> <p>Query/ Suggestion: Top level of road at every 30m is sufficient, if area is highly undulated then it can be reduced up to 15 M, remaining are ok.</p> | 30m intervals are acceptable. Surveyor needs to take levels at every change of grade or undulation, irrespective of interval. |
| 3. | x | <p>Scope of Work: Location of electrical poles, overhead electrical lines, transformers, junction boxes for telephone, streetlights, trees with grit dia. And any other poles located on the road right of way.</p> <p>Query/ Suggestion: Only Location of transformer & HT Line Pole (Above 66 KVA) is required to taken up. To covering all above will effect cost of survey.</p> | Suggestion accepted. Only location of transformer & HT Line Pole (Above 66 kVA) is required to be taken up. |
| 4. | xiii | <p>Scope of Work: Location of underground services like electrical cables, telephone cables, cable chambers, water supply pipelines (transmission and distribution), wastewater /sewerage pipelines and manholes.</p> <p>Query/ Suggestion: If layout network map available with concern department & IPE Global Ltd. Provided to the survey agency.</p> | Only location of inspection chambers, manholes, etc. which are visible on the ground / road need to be captured by the Surveyor. |
| 5. | Deliverables Point 3; C b | <p>Deliverable: Alignment of existing raw and clear water mains and distribution mains.</p> | Surveyor needs to be take the data / information on raw and clear water pumping mains from the concerned department based on site information. IPE Global will facilitate the same. |

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| | | <p>Query/Suggestion: If layout network map available with concern department & IPE Global Ltd. Provided to the survey agency.</p> | |
| 6. | e | <p>Deliverable: Road layout and elevations at every 15m interval and at points of change in slope/ grade. Query/Suggestion: Road layout and elevations at every 30m interval is sufficient.</p> | <p>Suggestion accepted. Road layout and elevations at every 30m interval is sufficient. Level at every change of grade must be taken, irrespective of interval.</p> |
| 7. | f | <p>Deliverable: Longitudinal sections (L-sections) of surveyed roads at every 15m intervals and showing all above ground features. Query/Suggestion: Longitudinal sections (L-sections) of surveyed roads at every 30 m intervals.</p> | <p>Suggestion accepted. Longitudinal sections (L-sections) of surveyed roads at every 30m intervals.</p> |
| 8. | g | <p>Deliverable: Position of existing building lines, platforms, steps ramps, and other existing elements on road such as lamp post/light poles, etc. Query/Suggestion: Only Building line is sufficient, covering all Platform, step ramps, lamp post/ light pole will effect cost of survey.</p> | <p>Suggestion accepted. Only position of building line is sufficient and should be captured during the surveys.</p> |
| 9. | h | <p>Deliverable: Three (3) sets of hard copies of the drawings shall be supplied duly signed by the Survey Supervisor along with the field book records and approved by the authority of the agency with their seal. All drawings should be supplied in A-1 size paper in the latest version of AutoCAD. Query/Suggestion: To avoid repeated printing by the survey agency, data should be sought only in soft copy on the prescribed scale. The Printing should be in IPE Global Limited scope</p> | <p>Survey agency must provide atleast 1 set of printed survey drawings, duly signed by competent authority of the agency with their seal. Any additional printouts of drawings will be in the scope of IPE Global. All survey data must also be provided in soft copy on appropriate scales.</p> |
| 10. | | <p>We have completed some of our major projects which includes topographic Survey (DGPS total stations etc.), GIS Base Maps, Hydraulic Modelling, DTP & PMC. In following sectors.</p> <ul style="list-style-type: none"> • Sewerage Master Plan for Pune City. • Storm Water Management plan for Pune City • JJM water Supply schemes for MJP <p>Consider these certificates for evaluation criteria.</p> | <p>Project experience submitted by bidders shall be evaluated as per the terms and conditions of the RFP. Survey works for both urban and rural water supply projects shall be considered, as per the RFP.</p> |

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| 11. | | In addition to survey work, we can provide you with start-to-end services i.e. Preparation of DPR which includes Topographic Survey (DGPS total stations etc.), GIS Base Maps, Hydraulic Modelling, DTP & PMC as well. | Additional scope of work, beyond what is mentioned in the ToR, is not envisaged at present. |

****END OF QUERIES AND CLARIFICATIONS****