

**Notice Inviting Tender**

 <b>IRCON INTERNATIONAL LIMITED</b>  (A Govt. of India Undertaking) <b>Website: <a href="http://www.ircon.org">www.ircon.org</a>, CIN-L45203DL1976GOI008171</b>
<b>Notice Inviting Tender</b>
<b>NIT No.: IRCON / 1800020 /KRP / Tender / Design Consultancy/ Km 0 to 109.2/ Date 08.06.2022</b>
<b>Open tender for and on behalf of IRCON International Limited is invited from bidders meeting qualifying requirements for the works of “Design Consultancy work for Preparation of design &amp; drawing including survey and Geotechnical Investigation for the Construction of Two lane Road on NH Specifications from km. 0.00 to km. 109.20 in Chin State of Myanmar.”</b>
Estimated Cost of Work : Rs.6,89,37,859 or MMK 1,66,39,53,103 (inclusive of all taxes)
Last Date & Time of Bid Submission : 04.07.2022 at 15:00 Hrs. (Myanmar Time)
For further details, visit Project Head office at Flat No- 702, 50th Street Condominium, 50th Street, Lower Block, Botahtaung Township, Yangon Division, Myanmar, Tel: +95 -18397982, +95-9895016768 (WhatsApp available) email- <a href="mailto:ircon.1800020@ircon.org">ircon.1800020@ircon.org</a> . Corrigendum, if any, would be sent through email only.
<b>Project Head</b> Kaladan Road Project, Myanmar

**Brief Scope of Work**

The scope of work is broadly described as Design Consultancy work for Preparation of design & drawing including survey and Geotechnical Investigation for the Construction of Two-lane Road on NH Specifications from **km. 0.00 to km. 109.20** in Chin State of Myanmar and is to be carried out as per the provisions detailed in the Contract Agreement between Client and Employer. Items of works to be executed shall be generally as per the BOQ/ Schedule of the contract, MoRTH Specifications, approved Design and drawing and as per instructions of the Engineer. Scope of works is as indicated below but not limited to:

- **Survey Work- Detailed Topography survey using Lidar**, providing and fixing DGPS and TBM pillars, and recording of any other data required for design and drawing for Project work.
- **Detailed Sub Soil Investigation** at each Major or Minor Bridges, and any other location required (max. up to 90 locations) for design & drawing for Project work including but not limited to site investigation, laboratory testing and reporting.
- **Detailed hydrological studies required for Design & Drawings.**

- Review of available Design & Drawing and Revision thereof.
- Detailed Engineering Design & Drawing including Plan & profile, Cross Sections, Complete drawings for Bridges, Culverts, retaining wall, breast wall, Lined and unlined drain GFCDs and Revision thereof.
- Geometric Design (Plan & Profile) shall provide design of Horizontal and vertical geometry as per technical specification and site requirement. Plan & Profiles shall include existing topographic features, design features for carriageway, roadside amenities and junctions.
- Preparation and submission of drawing and schedules for Horizontal & Vertical curves details including extra widening (if any), super elevation attainment, set out coordinates at desired interval, Schedule for applicability of TCS.
- Detailed Engineering Design & Drawing for Road Marking, Road Signage, Road Safety works, Road Furniture, Bus bays and bus shelters, Truck lay bays, Pedestrian facilities
- Proof checking of all Design & Drawings from IIT/NIT in India. However, cost toward fees of proof consultant shall be paid/borne by Employer.
- Any other item of work as may be required for completing the road works including all incidental works in all respects in accordance with the provisions of the contract.
- Preparation of Quality Assurance Plan (QAP) for designs.
- Submission of soft copy of design, drawings, survey data and any other data prepared related to work .
- Any other investigation as may be required for completing design works including all incidental works in all respects in accordance with the provisions of the contract.

#### **Others - General**

- All aspects of quality control and quality assurance of Works including documentation.
- Providing measures for prevention / mitigation of environmental impacts.
- Provision of laboratory for testing, including the supply of technical personnel, equipment, instruments and consumables etc.
- Revision in design and drawing as directed by Employer or Proof consultant;
- Execution of any other item of work for the completion of the Works in accordance with the provisions of Contract including all incidental items as well as preparation and submittal of reports, plans as required.
- The scope given above is only indicative and shall be deemed to include all items to be executed for completion of the work as per and technical specifications and site requirements or as directed by Engineer.