

**REPAIR AND MAINTENANCE OF GCT SHAHMANSOOR SWABI
DAE CIVIL GCT SWABI**

SOR FOR (DAE CIVIL TRANSPORTATION ENGINEERING)

***PLEASE ORGANIZE YOUR BID AS FOLLOWS;**

- 1) Bidder can bid for items as per Schedule of requirement published on KPTEVTA Website and having specialty /experience as described in BSD.
- 2) The Items/Equipment must have Minimum Specification acceptable to the Technical Committee of KP-TEVTA; however the higher specification may be accepted if within the financial limit.
- 3) All bidders must submit the relevant details of bid/proposals duly labelled by a permanent marker with the name of bidder and also to provide documents in soft copies (MS WORD format) on USB drive
- 4) The Supplier shall write in bold & legible letters "Name of the Project" on the envelope.
- 5) The supplier will submit the tender documents properly Computer Typed and each page shall be endorsed and numbered along with terms and condition issued by the KP-TEVTA dully signed by the authorized personnel with company seal; otherwise the bid will not be accepted.
- 6) The bidder will be responsible for standard local warranty given by the manufacturer where applicable.

Sr. No.	Name of Items/Specification	Qty
2	<p>RING AND BALL APPARATUS ASTM D36 COMPLETE, Suitable for the determination of the softening point of bitumen, formed by: two test balls, two rings, two centering guides, a cover adjustable in height and a heat resistant container.</p> <p>Accessories:</p> <ul style="list-style-type: none"> • THERMOMETER OF 0-100°C • THERMOMETER OF 0-200°C • THERMOMETER ASTM 15C. • THERMOMETER ASTM 16C. • MAGNETIC STIRRER, with heating. BUNSEN BURNER • ASBESTOS MESH, 100 x 100 mm. <p>Spare Parts:</p> <ul style="list-style-type: none"> • TEST BALL. • CENTERING GUIDES. • BRASS RING 	01
3	<p>STANDARD PENETROMETER, ASTM D5, D217 (To determine the consistency of a sample of bituminous material under fixed conditions of load, time and temperature).. Apparatus ruggedly constructed, with a base table in light alloy with leveling screws, plated vertical rod and spirit level. The slider is brass made with free fall. The dial of Ø 150 mm. is graduated in 360 divisions of 0.1 mm. With stop and release push button, automatic zero set, regulation of the movements, with magnetic controller device that automatically releases the plunger head and ensures free falling of the needle during the five seconds tests. complete with set of weights 50 and 100 gr., penetration needle, and sample brass containers Ø 55 x 35 and 70 x 45 Power supply: 220 V. 50 Hz.</p> <p>Accessories:</p> <ol style="list-style-type: none"> 1) THERMOSTATIC BATH, formed by a pyrex bath mounted on a heater and closed by a cover, water circulating pump, cooling coil, electronic digital thermostat, transfer dish, rubber connections and couplings. Temperature range: from 15 to 60°C ±0.05°C Power supply: 220 V. 50 Hz. Consumption: 350 W. height. 2) MIRROR, suitable to facilitate the zeroing of the needle with the sample. <p>Spare parts:</p> <ol style="list-style-type: none"> 1) PENETRATION NEEDLE, made from stainless steel. Diameter: 1 mm. 2) TRANSFER DISH, equipped with a device. 3) SAMPLE CUP, brass made, Ø 55 x 35 mm, used for hard bituminous materials. 4) SAMPLE CUP, brass made, Ø 70 x 45 mm, used for soft bituminous material. 	01

ASSISTANT DIRECTOR (PROCUREMENT)