

**UP GRADATION TO MODEL INSTITUTE OF GOVERNMENT COLLEGE OF
TECHNOLOGY BANNU**

SOR FOR (Equipment for CIVIL Technology) GCT, BANNU

***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 Item	Specifications	Qty
1	Prismatic Compass with Stand	Size/Diameter: 6 inch. Display Type: Analog, Stand included	02
2	Surveyor's Compass	Image erect. Reversible type. Zoom: 8-12x. Vertical circle full. Compass horizontal 0-360'	02
3	GPS Garmin	Battery life 15 hrs. Internal memory 2GB. CPU 400-500MHz. Geocaches 10000. Display color transfective	03
4	Schmidt hammer	concrete schmidt hammer standard	02
5	Concrete Mixer	3 CFT capacity, manual operation	01
6	Pipe wrench, Pipe Grip, Pipe Rammer	1/2 inch dia up to 4.5 inch dia complete set	02
7	Pipe Vice	Standard good quality with Stand	03
8	Pipe thread set	1/2 inch dia up to 4 inch dia complete set	02
9	Pipe Cutter	Standard good quality	03

Sr. No.	Name of Item	Specifications	Qty
10	Hack Saw	Standard good quality	05
11	Safety Equipment's set	(working gloves, boots, glasses, overall dust mask/respirator, helmets)	20
12	Wheel Barrow	Steel gauge 16, capacity 2.5 CFT	03
13	Concrete PCC Cubes	Steel mold, 6x6x6 inch ³	10
14	Vicat Needle Apparatus	Mild steel base plate 5x5inch, fulcrum mold, brass, 80mm i.d.base dia into 70mm i.d.top dia, 40mm height	05
15	Compaction Factor Apparatus	2 rigid conical Hooper ³ , cylinder mounted on a rigid metal frame.	02
16	Pitot tube	Pitot tube with micrometer adjustment & separate wall tapping	05
17	Flow Measurement	Net dimension 900mmX380mmX900mm.Orifice plate 200mm diameter with corner tapping. Max Flow 28 L/min.	01
18	Losses in Piping System	Small bore straight pipe (nominally13.7mm bore Cu) Larger bore straight pipe nominally 26.4mm bore Cu. Elbow 12.7mm radius, medium radius smooth 90' bend (10mm radius)	01
19	Francis Turbine	Guide vanes 6 off fully adjustable from fully close to fully open. Impeller 80mm diameter, 10 blades turbine speed max 1100 rev/min. Turbine power max 3 Watt	01
20	Pelton Turbine	Max speed 1000 rev/min, Max break power typically 8 watt @600 rev/min	01

Sr. No.	Name of Item	Specifications	Qty
21	Hydraulics Bench (Volumetric)	Volumetric tank capacity 35 L. Sump tank capacity 160 L. Pump capacity 0-60L/min. Motor Power 200W. Accessories included.	01
22	Surface Tension Balance	Searles torsion balance with scale & pointer for determination of surface tension of liquid	01
23	Calibration of a Pressure Gauge	Bourdon gauge scale graduated in 0 to 200 Kilo Newton. meter square. Bourdon tube arc approx. 270'. Max dead wt tester load 5.2 Kg. typical gauge error 1 KN/m ² over entire range	01
24	Flow through an Orifice	Max head 365mm. Max flow rate 13L/min.	01
25	Pitot Tube	Pitot tube with micrometer adjustment & separate wall tapping	01

ASSISTANT DIRECTOR (PROCUREMENT)