

TENDER- 1/2017-18

BRANCH: CIVIL ENGG

PACKAGE-13 C

NAME OF LAB:- SURVEYING. LAB

S.No	Equipment Description	QUANTITY/UNIT REQUIRED	BID RATES OF EQUIPMENT PER UNIT(Rs.)	APPLICABLE RELEVANT TAXES PER UNIT(Rs.)	TOTAL COST OF EQUIPMENT PER UNIT(Rs.)
1	<p>Total Station (Reflectorless) Specifications: (a) Angle least count : 1" , (b) Angle accuracy: 2" , (c) Magnification: 30X, (d) Objective aprature : 40mm to 50mm, (e) Range under normal condition : Single prism 5000 m, (f) Reflector less range : 300 m and retro target 500m, (g) Distance accuracy in prism mode $\pm 2\text{mm} + 2\text{ppmXD}$, (h) Distance accuracy in Reflector less mode $\pm 3\text{mm} + 2\text{ppmXD}$, (i) Distance least count : 1mm , (j) Minimum focus distance : 1.2 m , (k) Temperature Range : -20°C to $+55^{\circ}\text{C}$, (l) Compensator range : 3' or better , (m) Fast measurement in quick mode : 1.2 Sec , (n) Internal memory : minimum 15000 points/1GB , (o) External memory : With SD card 2 GB or more , (p) Battery backup 8 Hrs, 2 no's, (q) Charger : Quick battery charger, (r) Data downloading software : Downloading and upload through USB/LPT/SD Card direct convert in DXF, CSV, TEXT Formats etc. , (t) Display : TFT Display with alphanumeric key, (u) Processing software : Capable of generation cross section, L- Section, X-Section, Roads design, Area , Volume, Traverse etc., (v) Accessories : Objective dust cap 1 no., Rechargeable double pack battery of NIMH 2 Nos., Quick Battery charger 1 no., Single prism assembly with holder , Target platein soft case - 2 Nos, Aluminium pole 2.15 m graduated telescope in case 2 Nos. , Heavy duty aluminium tripod for total station - 1 no. , Data downloading cable - 2 nos (1 No. USB +1 No. RS 232 LPT, 2GB SD Card - 2 No. , Tool Kit, Rain cover 1 no., Carrying case with shoulder strap 1no.</p>	33			
2	<p>GPS Hand held (a) Base map : 16MB Cities/Highway (b) Number of screens : 9, (c) Maximum velocity : 951 mph (d) weight : 8oz/227 grams (e) Color display : High color (f) Horizontal accuracy : $< 3\text{m}$ (g) Battery life (hours): 14 Hours (h) Additional memory : SD card (i) Track Points : 2000 (j) DGPS/WAAS/EGNOS : Yes (k) Electronic Compass : Yes (l) Max operating Alt: 60,000 ft/18288 m.</p>	43			
3	<p>Digital Theodolite with following specifications.</p> <p>Magnification 30X Accuracy 2 arc seconds Vertical range 2 seconds Horizontal range 360° Horizontal graduations 2 seconds Aperture 1.77mm. Field of view 1°30' Number of lenses 8</p>	29			





FULL SIGNATURE OF BIDDER WITH SEAL